

Roger A. Fields/A Federal  
SW/4-SW/4 Sec. 17-T38N-R7W  
Mohave County

53

P-W

County Mohave  
 Area 24 mi. S/Shortcreek  
 Lease No. AR 014311

Well Name Roger A. Fields  Federal

Location SW SW Sec 17 Twp 38N Range 7W Footage 330' FSL 320' FWL 340  
 Spud Completed Total 1780' per spec  
 Elev 4980' Gr 4972 DF Date 1-1-58 Abandon 4-1-58 Depth 1720'  
 4977' GAL from 456 S Little Clayhole Valley - CE# PBTD 1139'  
 Contractor Aldridge & Stroud, Inc.

Drilled by Rotary  0-460  
 Cable Tool  460-1159

Casing Size	Depth	Cement
8 5/8"	100'	20sx
7"	1089'	120sx

Production Horizon \_\_\_\_\_  
 Initial Production P & A

REMARKS Well reported to have made approx. 1 BOPD @ swab. non-commercial  
See File 41 for #1 well - information in this file is very confusing  
and leaves a lot of unanswered questions.

Elec \_\_\_\_\_  
 Logs GRN and Elec. Induc  
 Applic. Plugging Completion  
 to Plug  Record  Report

Sample Log \_\_\_\_\_  
 Sample Descript. \_\_\_\_\_  
 Sample Set T-99/P-338  
 Core Analysis \_\_\_\_\_  
 DSTs \_\_\_\_\_

Water well accepted by \_\_\_\_\_

Bond Co. & No. Aetna Casualty & Surety Company Bond #26 S 10705  
 Date \_\_\_\_\_  
 Bond Am't \$ 2,500 Cancelled 10-6-65 Organization Report   
 Filing Receipt 48213 Dated 3-10-58 Well Book  Plat Book   
 Loc. Plat  Dedication W/2 SW/4  
 API No. 02-015-05003

Sample 338

Permit Number 53 Date Issued 5-19-58



### WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG

DESIGNATE TYPE OF COMPLETION:

New Well  Work-Over  Deepen  Plug Back  Same Reservoir  Different Reservoir  Oil  Gas  Dry

DESCRIPTION OF WELL AND LEASE

Operator: W. A. Fields Address: 2420 West Alabama

Lease Name: Roger A. Fields Well Number: 1-A, Field & Reservoir: Wildcat

Location: 350 Ft N. of So. Line 3340ft. E. of West Line of Section 17, Twp 30 North, Range 7 West Sec.—TWP-Range or Block & Survey: (3517, 33 North West)

County: Mohave Permit number: AR014311 Date Issued: Jan 1958 Previous permit number: Approx. None Date Issued:

Date spudded: 1/1/1958 Date total depth reached: 4/1/58 Date completed, ready to produce: 4/1/58 Elevation (DF, RKB, RT or Gr.): 4980DF feet Elevation of casing hd. flange: 4978 feet

Total depth: 1159 P.B.T.D.: 1139 Single, dual or triple completion?: single If this is a dual or triple completion, furnish separate report for each completion.

Producing interval (s) for this completion: 1111-1139 Rotary tools used (interval): 0-450 Cable tools used (interval): 450-1159

Was this well directionally drilled?: no Was directional survey made?: no Was copy of directional survey filed?:  Date filed:

Type of electrical or other logs run (check logs filed with the commission): Schlumberger Date filed: 3/15/60

CASING RECORD

Casing (report all strings set in well—conductor, surface, intermediate, producing, etc.)

Purpose	Size hole drilled	Size casing set	Weight (lb./ft.)	Depth set	Sacks cement	Amt. pulled
Surface	10"	9"	24#	100	20	None
Complete	8 5/8ths	7"	20#	1089	120	None

TUBING RECORD

LINER RECORD

Size	Depth set	Packer set at	Size	Top	Bottom	Sacks cement	Screen (ft.)
2 1/2 in.	1000 ft.	None ft.	in.	ft.	ft.		10'

PERFORATION RECORD

ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD

Number per ft.	Size & type	Depth Interval	Amt. & kind of material used	Depth Interval
None				

INITIAL PRODUCTION

Date of first production: 1/1/58 Producing method (indicate if flowing, gas lift or pumping—if pumping, show size & type of pump): Baled approx 1 Bbl. oil; would Not pump.

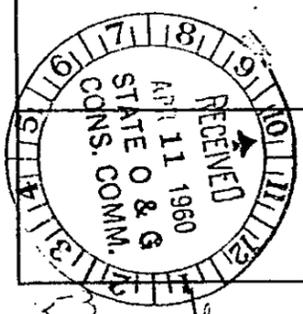
Date of test	Hrs. tested	Choke size	Oil prod. during test	Gas prod. during test	Water prod. during test	Oil gravity
1/1/58	24	none	1 bbls bbls.	ONE MCF	NONE bbls.	39.1 API (Corr)

Tubing pressure	Casing pressure	Cal'd rate of Production per 24 hrs.	Oil	Gas	Water	Gas-oil ratio
95#SI	95#SI	1BBLs	1BBL bbls.	1 MCF	None bbls.	Negligible

Disposition of gas (state whether vented, used for fuel or sold): Shut in.

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the Owner of the \_\_\_\_\_ (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

*Roger A. Fields*  
Signature



STATE OF ARIZONA STATE LAND COMMISSIONER  
Well Completion or Recompletion Report and Well Log  
Form No. P-7 File two copies  
Authorized by Order No. 4-6-59  
Effective April 6, 1959

DETAIL OF FORMATIONS PENETRATED

Formation	Top	Bottom	Description*
Surface	0	160	White and Gray shales and Limestones
Tinpoweep	160	450	Gray and black limestones and Anhydrites Showing trace of oil with ether cuts and slight flourescense throughout.No Odor
Kiabab Lime	450	600	Limestone, Gray, hard, tight with no shows of Oil or gas.
Toroweep	600	1111	600-612 Top of Toroweep, lime showing white flourescense and good yellow cut with ether, slight odor of kerosene. 612-1020 Lime and Anhydrite, No shows. 1020-1025 Soft Lime showing very small amt. Water in shaly streaks. 1025-1111 Lime and Anhydrites with odor of gas in parts and orange flourescense, but with no cut with ether.
Coconino	1111	1137	1111-1121 Sand and limestone, very hard, with good odor of oil and gas, and dark brown cut with ether and pentane. 1121-1131 Hard limestones and sandstone with no shows, No water. 1131-1137 Very fine grained sandstone, brown showing yellow oil and parafin oozing out of bags, no Flourescense, ?????
Hermit shales	1137-	1159	All redshales and red sandstones, very hard.

No commercial oil was obtained from the section 1111-1121. After the casing was set to 1089, well was bailed and plugged back to 1139 feet. to top of Hermit shales. Well was swabbed several days and approximately one barrel of 39.1 gravity oil per day was recovered. Well was fractured by Halliburton, and no increase of oil was noted. Well was then shot with 112 quarts of Nitroglycerin, and no increase was noted. The Sun Oil Company shot across the well with Seismograph Instruments and shot 100 pounds of Nitromon Gelatin Dynamite, and the well baled no increase of oil over approximately one barrel per day.

A pump unit was installed and left for a few months on the well in the hope that it would break in and the oil would increase, After many checks on this, no further increase was noted, to the present time, and Mr Fields is now in the process of deepening well.

Date of this report to the Federal Government or at which time report was prepared for the many interested offices was 5/1/58.

Cores were mailed to your office approximately 5/1/58. Also to the Federal offices.  
Porosity was at a minimum throughout all the well, otherwise we would have made a good well at this location.

\* Show all important zones of porosity, detail of all cores, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

INSTRUCTIONS:

Attach drillers log or other acceptable log of well.

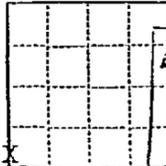
This Well Completion or Recompletion report and well log shall be filed with the State Land Commissioner not later than thirty days after project completion.

Form 9-331a  
(Feb. 1931)

Budget Bureau No. 42-R358.4  
Approval expires 12-31-60.

(SUBMIT IN TRIPLICATE)

Land Office \_\_\_\_\_  
Lease No. AR-014311  
Unit \_\_\_\_\_



APPROVED UNITED STATES  
DEPARTMENT OF THE INTERIOR  
MAY 23 1960 GEOLOGICAL SURVEY

### SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	X
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA) U. S. GEOLOGICAL SURVEY  
FARMINGTON, NEW MEXICO

March 20, 1960

Well No. 1-X is located 330 ft. from N line and 340 ft. from E line of sec. 17  
SW 1/4th Sec 17 38 North, 7 West  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Wildcat Mohave Arizona  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 49800 ft.

#### DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

A small amount of water was encountered at 1025 feet and the 7 inch casing was set at 1089 feet and cemented with 120 sack of cement so that this sand, the only water sand showing in the well was safely cemented off forever.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Republic Drilling

Address 2705 Wagonwheel

Houston 24 Texas

By Republic Drilling  
Title Contractor

500 50-1040

13.

### WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG

DESIGNATE TYPE OF COMPLETION:

New Well  Work-Over  Deepen  Plug Back  Same Reservoir  Different Reservoir  Oil  Gas  Dry

DESCRIPTION OF WELL AND LEASE

Operator: Fields Machine & Supply Co. Address: 2420 West Alabama

Lease Name: A. Fields Well Number: I-A, Field & Reservoir: Wildcat

Location: 550 Ft. N of So. Line 3340ft. E. of West Line of Section 17, Twp 30 North, Range 7 West (S17, 33 North West) Sec.-TWP-Range or Block & Survey

County: <u>Mohave</u>	Permit number: <u>AR014311</u>	Date issued: <u>Jan 1953 Approx.</u>	Previous permit number: <u>None</u>	Date issued:
Date spudded: <u>1/1/1958</u>	Date total depth reached: <u>4/1/58</u>	Date completed, ready to produce: <u>4/1/58</u>	Elevation (DF, REB, RT or Gr.): <u>4880DF</u> feet	Elevation of casing hd. flange: <u>4975</u> feet
Total depth: <u>1139</u>	P.B.T.D.: <u>1139</u>	Single, dual or triple completion?: <u>single</u>	If this is a dual or triple completion, furnish separate report for each completion.	
Producing interval (s) for this completion: <u>1111-1139</u>		Rotary tools used (Interval): <u>0-450</u>	Cable tools used (Interval): <u>450-1139</u>	
Was this well directionally drilled?: <u>no</u>	Was directional survey made?: <u>no</u>	Was copy of directional survey filed?:	Date filed:	
Type of electrical or other logs run (check logs filed with the commission): <u>Schlumberger</u>			Date filed: <u>3/15/60</u>	

CASING RECORD

Casing (report all strings set in well—conductor, surface, intermediate, producing, etc.)

Purpose	Size hole drilled	Size casing set	Weight (lb./ft.)	Depth set	Sacks cement	Amt. pulled
<u>Surface</u>	<u>10"</u>	<u>9"</u>	<u>24 1/2</u>	<u>100</u>	<u>20</u>	<u>None</u>
<u>Complete</u>	<u>8 5/8</u>	<u>7"</u>	<u>20 1/2</u>	<u>1089</u>	<u>120</u>	<u>None</u>

TUBING RECORD				LINER RECORD			
Size	Depth set	Packer set at	Size	Top	Bottom	Sacks cement	Screen (ft.)
<u>2 1/2 in.</u>	<u>1000 ft.</u>	<u>None ft.</u>	<u>in.</u>	<u>ft.</u>	<u>ft.</u>		<u>10'</u>

PERFORATION RECORD			ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD	
Number per ft.	Size & type	Depth Interval	Amt. & kind of material used	Depth Interval
<u>None</u>				

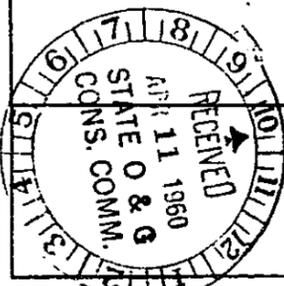
INITIAL PRODUCTION

Date of first production: 1/1/58 Producing method (indicate if flowing, gas lift or pumping—if pumping, show size & type of pump.): Baled approx 1 Bbl. oil; would Not pump.

Date of test: <u>1/1/58</u>	Hrs. tested: <u>24</u>	Choke size: <u>none</u>	Oil prod. during test: <u>1 bbls</u> bbls.	Gas prod. during test: <u>ONE</u> MCF	Water prod. during test: <u>NONE</u> bbls.	Oil gravity: <u>50</u> API (Corr)
Tubing pressure: <u>95#SI</u>	Casing pressure: <u>95#SI</u>	Cal'ed rate of Production per 24 hrs.: <u>13BLS</u>	Oil: <u>1BBL</u> bbls.	Gas: <u>1</u> MCF	Water: <u>None</u> bbls.	Gas-oil ratio: <u>Negligible</u>

Disposition of gas (state whether vented, used for fuel or sold): Shut in.

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the Owner of the \_\_\_\_\_ (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.



Robert A. Diller  
Signature

STATE OF ARIZONA STATE LAND COMMISSIONER  
Well Completion or Recompletion Report and Well Log  
Form No. P-7  
Authorized by Order No. 4-6-59  
Effective April 6 1959

TAIL OF FORMATIONS PENETRATED

Formation	Top	Bottom	Description*
Surface	0	150	White and Gray shales and Limestones
Timpowweep	150	450	Gray and black limestones and Anhydrites Showing trace of oil with ether cuts and slight fluorescence throughout. No Odor
Kiabab Lime	450	500	Limestone, Gray, hard, tight with no shows of Oil or gas.
Toroweep	500	1111	500-512 Top of Toroweep, lime showing white fluorescence and good yellow cut with ether, slight odor of kerosene. 512-1020 Lime and Anhydrite, No shows. 1020-1025 Soft Lime showing very small amy. Water in shaly streaks. 1025-1111 Lime and Anhydrites with odor of in parts and orange fluorescence, but with no cut with ether.
Coconino	1111	1137	1111-1121 Sand and limestone, very hard, with good odor of oil and gas, and dark brown cut with ether and pentane. 1121-1131 Hard limestones and sandstone with no shows, No water. 1131-1137 Very fine grained sandstone, brown showing yellow oil and paraffin oozing out of bags, no Fluorescence, ????
Hermit shales	1137-	1159	All redshales and red sandstones, very hard.

No commercial oil was obtained from the section 1111-1121. After the casing was set to 1089, well was bailed and plugged back to 1139 feet. to top of Hermit shales. Well was swabbed several days and approximately one barrel of 39.1 gravity oil per day was recovered. Well was fractured by Halliburton, and no increase of oil was noted. Well was then shot with 112 quarts of Nitroglycerin, and no increase was noted. The Sun Oil Company shot across the well with Seismograph Instruments and shot 100 pounds of Nitronon Gelatin Dynamite, and the well bailed no increase of oil over approximately one barrel per day.

A pump unit was installed and left for a few months on the well in the hope that it would break in and the oil would increase, After many checks on this, no further increase was noted, to the present time, and Mr Fields is now in the process of deepening well.

Date of this report to the Federal Government or at which time report was prepared for the Many interested offices was 5/1/58.

Cores were mailed to your office approximately 5/1/58. Also to the Federal offices.

Porosity was at a minimum throughout all the well, otherwise we would have made a good well at this location.

\* Show all important zones of porosity, detail of all cores, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

INSTRUCTIONS:

Attach drillers log or other acceptable log of well.

This Well Completion or Recompletion report well log shall be filed with the State Land Commission not later than thirty days after project completion.

**APPLICATION TO ABANDON AND PLUG**

FIELD WILDCA  
 OPERATOR ROGER A. FIELDS ADDRESS 502 AZALEADELL, HOUSTON 24 TEXAS  
 LEASE FEDERAL WELL NO. L.X COUNTY MOHAVE  
 SURVEY \_\_\_\_\_ SECTION 17 DRILLING PERMIT NO. 53  
 LOCATION 330 from the South Line and 340 From the West Line of Section  
17, Township 38 North and Range 7 West, Mohave County Arizona.  
 TYPE OF WELL Test for Oil and Gas. TOTAL DEPTH 1780  
(Oil, Gas or Dry Hole)  
 ALLOWABLE (If Assigned) NONE  
 LAST PRODUCTION TEST OIL 1 (Bbls.) WATER none (Bbls.)  
 GAS 1000 (MCF) DATE OF TEST 19th May 58  
 PRODUCING HORIZON COCONINO PRODUCING FROM 1111 TO 1138  
 1. COMPLETE CASING RECORD 8 5/8ths from 0-100 cemented from 0-100 feet  
7INCH set at 1089 feet and cemented from the bottom of the string  
to the surface by Halliburton with 120 sacks of cement.  
 2. FULL DETAILS OF PROPOSED PLAN OF WORK IMMEDIATELY ABANDON.  
The hole filled with heavy mud to the base of the surface pipe  
at (1,089 feet); a fifty foot cement plug placed at the bottom  
of the surface pipe. Heavy mud to base of surface plug would be  
from zero to fifteen feet.  
The information required by Rule 202, Sub A, Article 7, be  
written on the four inch pipe by an electric torch--this marker to  
be set in the hole in the surface plug.  
 If well is to be abandoned, does proposed work conform with requirements of Rule 202? YES If not,  
 outline proposed procedure above.

DATE COMMENCING OPERATIONS After NO. 2 well is completed and both L-X and  
 NAME OF PERSON DOING WORK Charles Branch ADDRESS Aztec, New Mexico.  
 CORRESPONDENCE SHOULD BE SENT TO Roger A. Fields, 502 Azaleadell  
Houston 24, Texas OX-7-3122  
 NAME Roger A. Fields  
 TITLE \_\_\_\_\_  
 Date Approved 6/24/60 W. M. ... State Comm.  
 STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION

STATE OF ARIZONA  
 OIL & GAS CONSERVATION COMMISSION  
 Application to Abandon and Plug  
 Form No. 15A File 2 Copies  
 Authorized by Order No. 4-6-59  
 Effective April 6, 1959

Form 9-221a  
(Feb. 1961)

X		

(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Budget Bureau No. 42-R358.4.  
Form Approved.

Land Office \_\_\_\_\_  
Lease No. AR 014311  
Unit \_\_\_\_\_

13

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	X
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

May 31, 1963

Well No. Federal 1X is located 330 ft. from S line and 320 ft. from W line of sec. 17

SW/4 SW/4 Sec 17 T38N R7W (Meridian)  
(1/4 Sec. and 1/4 Sec. No.) (Twp.) (Range)  
Wildcat Mohave Co. Arizona  
(Field) (County or Subdivision) (State or Territory)

The elevation of the ~~ground level~~ ground level above sea level is 4980 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

1. Dump 135 cubic feet concrete in open hole from T.D. 1720' to 1100'.
2. Fill hole from 1100' to 10' with dirt.
3. Spot 5 cubic feet cement 10' to surface.
4. Erect dry hole marker.
5. Clean up location.

DWWD  
T.D. 1780  
cat (see app. to file for abandonment)

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Atna Casualty and Surety Co. for Roger A. Fields.  
Address 709 Bloomfield Road  
Farmington, New Mexico  
By J. A. Huggan  
Title Engineer

3

53

Inspected by P.T.M. 5-28-63

Lease No.                       
 County                      State                       
 Company                       
 Well No.                       
 Footage                      &                       
 sec. 17 T.                      R.                       
 Drlg.                      PROD.: GAS                      OIL                       
 Abd.                      T.A.                      S.I.                     

OPERATIONS O.K.

Remarks:

*Handwritten notes:*  
 24 ft. depth  
 not recorded  
 24 ft. depth - 5-28-63

Date: 5-28-63

Eng. Initials: P.M.

Date: 5-28-63  
 Eng. Initials: P.M.

Lease No.                       
 County                      State                       
 Company                       
 Well No.                       
 Footage                      &                       
 sec.                      T.                      R.                       
 Drlg.                      PROD.: GAS                      OIL                       
 Abd.                      T.A.                      S.I.                     

Remarks:

*Handwritten:* O.K.

OPERATIONS O.K.



*Handwritten:* H

Lease No. Ap 1011311  
County Atchafalaya State La  
Company Phillips Petroleum  
Well No. 1-X-1  
Footage 50 &  
Sec. 17 T. 32 N R. 7 W  
Drig. \_\_\_\_\_ PROD.: Gas \_\_\_\_\_ Oil \_\_\_\_\_  
Abd. \_\_\_\_\_ T.A.  S.I. \_\_\_\_\_

OPERATIONS O.K.

Remarks:

Check with Fischer  
to see what he  
intends to do  
with well.

Fischer intends to  
re-enter well.

Date: 5-10-60

Eng. Initial: P. J. M.

Form 9-331a  
(Feb. 1951)

Budget Bureau No. 42-R358.4  
Approval expires 12-31-60.

(SUBMIT IN TRIPLICATE)

Land Office \_\_\_\_\_

Lease No. Ar. 214,311

Unit \_\_\_\_\_

X			

APPROVED  
UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
MARCH 23 1960

### SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	X
NOTICE OF INTENTION TO ABANDON WELL		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

March 21st, 1960

1-X

Well No. 330 is located 330 ft. from S line and 340 ft. from W line of sec. 17  
 SW 1/4th Sec 17      38 North      7 West      NSPM  
(Of Sec. and Sec. No.)      (Twp.)      (Range)      (Meridian)  
Wildcat      Mohave      Arizona  
(Field)      (County or Subdivision)      (State or Territory)

The elevation of the derrick floor above sea level is 4980 ft.

#### DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

We have never had any intention of completely abandoning this well site, however we have been inactive since March of 1953 and now wish to deepen the well through the Pennsylvanian section to around 2500. Other work of pulling tubing and checking amount of oil in the hole was done in November of 1958, and since that time the well has remained shut in.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Rayco Oil Co.

Address 2708 Mansfield

Houston 24 Texas

By Rayco Oil Co.

Title Operator

Samples Rec'd State Land Department  
from Fields, Houston - - 3/2/59

Liqu tube sample: #1-X  
1111-1136 Free Oil from well  
after Fracture and Nitro Shot.  
39.7 Gravity at 60 Degrees.

ROGER A. FIELDS, FED. #1

Core - 181-184 #1 Federal

90	105	0	10
105	115	10	15
115	125	15	25
125	135	30	35
135	145	35	45
145	155	45	55
155	165	55	65
165	175	65	75
177	181	85	90

190	200	404	408	780	802	)
200	210	408	412	767	780	)
220	230	421	416	802	810	)
230	240	416	420	810	830	)
235	240	420	424	830	845	)
240	250	424	428	845	860	) ---- 1-X
240	245	428	432	860	870	)
245	250	432	436	870	877	)
250	255	436	440	877	887	)
250	260	440	444	887	897	)
255	260	444	448	897	919	)
260	265	448	452	919	933	)
260	270	456	460	933	945	)
265	270	582	592	945	970	)
270	275	570	582	970	986	)
275	280	562	570			)
280	285	550	562			)
285	290	542	550	--- 1-X		)
290	295	526	542			)
295	300	515	526			)
300	305	505	515	986	1002	)
305	310	494	505	1002	1011	)
310	315	484	494	1011	1025	)
315	320	476	484	1025	1035	)
320	325	466	476	1035	1053	)
325	330	460	466	1053	1066	)
330	335	692	606	1066	1084	) --- 1-X
335	340	606	614	1080	1100	)
340	345	614	622	1100	1105	)
345	350	622	633	1105	1110	)
348	380	633	641	1121	1125	)
355	360	641	653	1128	1130	)
360	365	653	673	1130	1133	)
365	370	673	682	1133	1136	)
380	384	682	703	1136	1137½	)
384	388	703	712	1137½	1159	)
388	392	712	729			)
392	396	729	743			)
396	400	743	759			)
400	404	759	767			)

53 11

FOLD MARK

PLUGS AND ADAPTERS

Heaving plug—Material PAVEL and GREN Length 20 Depth set 159-1139  
 Adapters—Material \_\_\_\_\_ Size \_\_\_\_\_

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
1130ts	1000	ENT	112	4/1/33	1139	1139

TOOLS USED

Rotary tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
 Cable tools were used from 0 feet to 159 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

DATES

Put to producing \_\_\_\_\_, 19\_\_\_\_  
 The production for the first 24 hours was (1) barrels of fluid of which 0 % was oil 10 %  
 emulsion 0 % water; and \_\_\_\_\_ % sediment. Gravity, °Bé. 39.1 at 63 deg.  
 If gas well, cu. ft. per 24 hours \_\_\_\_\_ Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_  
 Rock pressure, lbs. per sq. in. \_\_\_\_\_

EMPLOYEES

Humphrey Campbell, Driller Stroud Drilling Co., Driller  
 \_\_\_\_\_, Driller \_\_\_\_\_, Driller  
 (Daylight Only)

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
(CONTD) 450	From last report on first hole ten feet away. 1111	651	Permian Limestones and anhydrites. 450-600 Kiabab Limestone, hard and tight with no shows. 600-612 Top of Toroweeep Formation shows white florescence and good yellow cut with ether; slight odor. 612-1020 Lime and anhydrite, No Shows. 1020-1025 Water show in shaly streak. 1025-1111 Lime and anhydrite with odor of gas in parts and orange florescens out no cut with ether.
1111	1116	5'	Lime and showing oil and gas and good odor, good yellow cut, good solid orange florescence.
TOP OF GGCCHINO 1116	1121	5'	Sand and lime streaks showing oil as above with dark brown cut with ether of pentane, and very good odor of Kerosene.
1121	1130	9'	Sand, No shows of any kind, No Water.
1130	1133	3'	Sand, Brown, cozing paraffin, black under mineralite, No cut, stains bar yellow and stiffens same.
1133	1136	3'	Sand, No Shows, No Water.
1136	1139	3'	Lime Sand, Good Odor, Good Yellow Cut with ether, and good white Flor.

FORMATION RECORD—Continued



Form 306.1 Rev 500 5-57

THE PURE OIL COMPANY  
WELL RECORD

SER. NO. 35 K

STATE ARIZONA

COUNTY MOHAVE

MAP NO.

OPERATOR ROGER A. FIELDS

FARM FEDERAL

WELL NO. 1-X

TWP BLOCK SURVEY SW SW SW

SEC 17

TWE 38N

R3E 7W

WELL LOCATION 330' Fr. S. 320' Fr. W.

WILDCAT

FIELD

FIELD NAME

PROPOSED DEPTH & FORM

1500' Coconino

CO-ORD MEASURE St. George Basin

CO-ORD

ELEVATIONS: DE

GR 4980

SCR

FIRST REPT

COMP

FR & C

RENEWAL

RENWL & COMP

COBR

OTHER

PROD FORM 1159

PBD 1138

DUAL

TD P & A

BASED ON

CH 1/9/58

COMP DATE 8/25/58

TR

CR

SPUD DATE 8/29/58

DATA

ACID

FRAC

SHOT

CASING:

8" @ 30' set

7" @ 1089' w/ 112

FORMATION	SAMPLE	E. LOGS	POCO DATUM
Templeweep	162		+4828
Coconino sd	1115		+3875
Hermit red sh	1138		+3852
		TD	+3831

1/22/58 Drilling at 360'.

3/5/58 TD 1121'. Cemented 7" casing at 1095'.  
1115 - 1121 show oil.

3/12/58 TD 1121'. Testing. Prep. to acid.  
Tested rainbow show oil.

3/19/58 TD 1159'. Waiting on orders.  
Encountered small amount of gas at TD.  
Show oil in ls, being base of Torowep 1100 - 15.  
Acid 1089 - 1122 w/ 120 gals acid solution.  
(over)

DATA

Bailed dry w/ rainbow show oil.

Gas odor at 1139.

Acid w/ 7,000 gals. SI.

BD 500#. Went on vacuum.

58 TD 1159'. Waiting on orders.  
Bailed acid wtr w/ NS of free oil.

1/58 TD 1159'. PB 1138. Waiting on orders.  
Shot w/ 112 qts glycerin 1110 - 38.

23/58 TD 1159'. PB 1138.  
Hole dry not pumping.

3/21/58 TD 1159'. PB 1138.  
No fluid pumped.

P & A 8/25/58

330


LOCATE WELL CORRECTLY

*Rosehill*  
*Copy*  
*30*  
*T. W. B.*

Budget Bureau No. 42-R355.4  
Approval expires 12-31-60.

U. S. LAND OFFICE Ariz.  
SERIAL NUMBER 014311  
LEASE OR PERMIT TO PROSPECT \_\_\_\_\_

UNITED STATES RECEIVED  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
FEB 3 1959

### LOG OF OIL OR GAS WELL

*2708 Mangrove Road*  
*2120 West Alabama Houston Tex*

Company Fields Machine and Service Address \_\_\_\_\_  
 Lessor or Tract Roger A. Fields Field South Antelope State Arizona  
 Well No. 1-X Sec. 17 T. 38N R. 7W Meridian NSPM. County MOHA VE  
 Location 330 ft. N. of S. Line and 330 ft. E. of W. Line of 17-38N7W Elevation 980

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed [Signature] Title Geological Engineer  
Date 5/1/58 OU '29

The summary on this page is for the condition of the well at above date.  
Commenced drilling January 1st, 1958 Finished drilling April 1st, 1958

#### OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1111-1121 to 1121 O&G No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 2, from 1136 to 1139 Oil No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 3, from \_\_\_\_\_ to \_\_\_\_\_ No. 6, from \_\_\_\_\_ to \_\_\_\_\_

#### IMPORTANT WATER SANDS

No. 1, from 1020-1025 to 1025 No. 3, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 4, from \_\_\_\_\_ to \_\_\_\_\_

#### CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From-	To-	
8"	20	?	?	100	Ball				Protect.
7"	20			1030	Ball				Protect.
									Compl.

#### MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8"	100	15	Cable tools	10.6	5 cu ft
7"	1030	120	Ball	12.5	25 cu ft bentonite

Well No. \_\_\_\_\_ is located 330 ft. from NSX line and 340 ft. from W line of sec. 17  
 SW 1/4th of Section 17 38North 7 West NSPM  
(of Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Wildcat Mohave Arizona  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 4980 ft.

**DETAILS OF WORK**

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

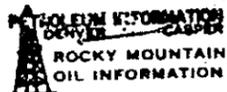
Well has remained Capped since work was done on the well ~~XXXX~~ March of 1958 and in November of 1958, and it is now our intention to deepen the well to approximately 2500 feet through the Pennsylvanian Section.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Raymond C. Pillsbury  
 Address 2708 S. Washington St.  
Phoenix, Arizona  
 Title Operator

GPO 862940  
GPO 862240

ARIZONA  
MOHAVE COUNTY  
ANTELOPE ANTICLINE, S. (W)



Twp 38N-7W  
Section 17  
SW SW

OPR: R. A. Fields

WELL #: 1-X Govt.

ELEV:

DSTS. & CORES:

SPUD: 1-9-58

COMPL: 2-9-59

\*TOPS: Log-Sampler

TD: 1151

PB: 1040

Coconino 1100

CSG: 7" @ 1095

PERF:

Swbd sil oil shows. Acidized.  
Shot w/110 qts. Acidized.  
Treated w/caustic soda.  
Acidized. Pumped 5 1/2 gals oil  
& acid per min.(50% oil).  
Swbd unrecorded qty fluid,  
50% new oil. Pumped 2 hrs.  
rec unrecorded amt fluid.  
50% new oil.

PROB ZONE:

INIT. PROD: Temp SD.

Contr: Aldridge & Stroud

A1-952120

\*For Electric Logs on Rocky Mountain Wells—Ask Us!

ARIZONA  
MOHAVE COUNTY  
WILDCAT

OWWO Branch of Es

Twp. 38N - 7W

Overland, 23611

Coyle, NM

Section 17

Houston, Tex.

SW SW

OPR: ROGER FIELDS

WELL: #1-X GOVERNMENT

330' FS & 337' FWL

First Report: 11-5-58 Comp: 12-8-58

6-13-60: proposed DD to 3000'. tite hole; SB 1800 ?;  
prep to P & A

Sample Tops

Templeweep:	160
Coconino	1115

Scout: OTD: 1159' 8-25-58; IP: TA  
CSG: 8" @ 30; 7" @ 1089 w/ 112;

Originally P&A 8-25-58. Pumped approx. 30 BO  
to pits in 15 days. Well set for 3 months.  
Filled up 109 1/2 oil. Grav. 38. POP.  
Nov. 12, 1958: TD 1159; WO new pumping unit.  
Dec. 10, 1958: off pump; oil orig. reported  
was fluid (mostly wtr):  
(Elev: 4980 Gr)

Source: Scout - [unclear]

ARIZONA  
MOHAVE COUNTY  
OPR: R. A. FIELDS

WELL: #1-X Federal

Twp. 38N - 7W  
Section 17  
330' FS & 337' FWL  
1500' Coconino

TD: 1159'; PB: 1138'  
Csg: 8 @ 30 wet

Spud: 1-9-58  
Comp: 8-25-58

IP: D & A

Tops:

Remarks: Hass - Midway 3-5568, Fredonia, Ariz.

(Sample)

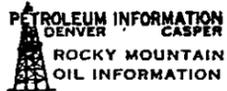
Templeweep	162'
Toroweep	715'
Coco	1115'

1-14-58: Ø 183'  
1-22-58: Ø 360;  
Feb. 19, 1958: Ø 1120 ring csg; ran logs;  
~~1-22-58: Ø 1120 ring csg; ran logs;~~

2-12-58: Ø 790' cable tools; TD 1190' S.D. weather;  
TD 1121 crop to set 7" cs; @ 1095'; CSO from  
1115-21; Coconino sd 1115 (SP); TD 1121 to acid  
Ran log; tested rainow SO nat. night D.D. Mar 19, 1958: TD 1159; JCC  
30' side wall cores (rec 3); washed open hole 20 gal acid sol. over-

Scout Logs: [unclear]

ARIZONA  
MOHAVE COUNTY  
ANTELOPE ANTICLINE, S. (W)



Twp 38n-7w  
Section 17  
SW SW

OPR: R. A. Fields

WELL #: 1-X Govt.

ELEV:

DSTS. & CORES:

SPUD: 1-9-58

COMPL: 2-9-59  
(approx)

\*TOPS: Log-Samples

TD: 1151

PB: 1040

CSG: 7" @ 1095

Coconino 1100

PERF.:

Swbd sli oil shows. Acidized.  
Shot w/110 qts. Acidized.  
Treated w/caustic soda.  
Acidized. Pumped 5½ gals oil  
& acid per min;(50% oil).  
Swbd unrecorded qty fluid,  
50% new oil. Pumped 2 hrs,  
rec unrecorded amt fluid,  
50% new oil.

PROD. ZONE:

INIT. PROD: Temp SD.

Contr: Aldridge & Stroud



Form 9-331a  
(Rev. 1951)

APPROVED	
FEB 2 1959	
BILLY J. SHUGER	
ACTING DISTRICT ENGINEER	

(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Budget Bureau 42-1638.3  
Approval expires 12-31-55.

Land Office \_\_\_\_\_  
Lease No. Ariz 014341  
Unit \_\_\_\_\_

### SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL	

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

May 1st, 19 58

Well No. 1-X is located 330 ft. from [N] line and 340 ft. from [E] line of sec. 17

SW SW SW 17      38 North      7 West      NSPM  
(1/4 Sec. and Sec. No.)      (Twp.)      (Range)      (Meridian)

South Antelope      Mohave      Arizona  
(Field)      (County or Subdivision)      (State or Territory)

The elevation of the derrick floor above sea level is 4,980 ft.

#### DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Well is total depthed at 1159 feet which is 20 feet into the Hermit red beds of the permian fmtn. Oil sands were encountered at 1111-1121 and the well was schlumbergered to that point, and 7" casing 20' was cemented to the surface of the well. A small amount of fresh water was encountered at 1025 feet and filled up 100 feet in the well so we set the pipe to surface to protect the shallow shows and shut off water, shallow shows around 145 to 270 etc. No free oil was bailed from the bottom 1121. It was decided to drill ahead to explore further shows in the Coconino.

1121-1130 No shows in sandstone and shales.

1130-1133 Brown sand showing yellow stain on bags of paraffin but no cut with ether and no florescense with mineralite.

1133-1136 No show; 1136-1139 Good show in limestone ;(OVER)

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company (Fields Machine and Service)

Address 2420 West Alabama Houston Texas

5708 Mangum Rd

Houston Tex Title Geol Engnr

11

Form 9-571a  
(Feb. 1955) 7W

Budget Bureau 42-R358.3  
Approval expires 12-31-55.



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office ARIZONA

Lease No. 014311

Unit \_\_\_\_\_

JAN 11 1955  
SANTA FE COUNTY  
NEW MEXICO

### SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Well No. FEDERAL 1-A is located 330 ft. from S line and 320 ft. from W line of sec. 17  
50N 14 Sec 17 38N 7W  
(4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Wildcat Mohave Arizona  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 4980 ft.

#### DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

We intend Redrill to 1500' with Cable Tools at same location; (Aldridge & Stroud, Odessa Texas, Contractors) And to use any necessary surface pipe for protection, and to shut off water as hole is drilled. Proposed 8" surface pipe to 100', cemented to surface.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company ROGER Fields Drilling & Service

Address 2430 West Alabama  
Houston Texas

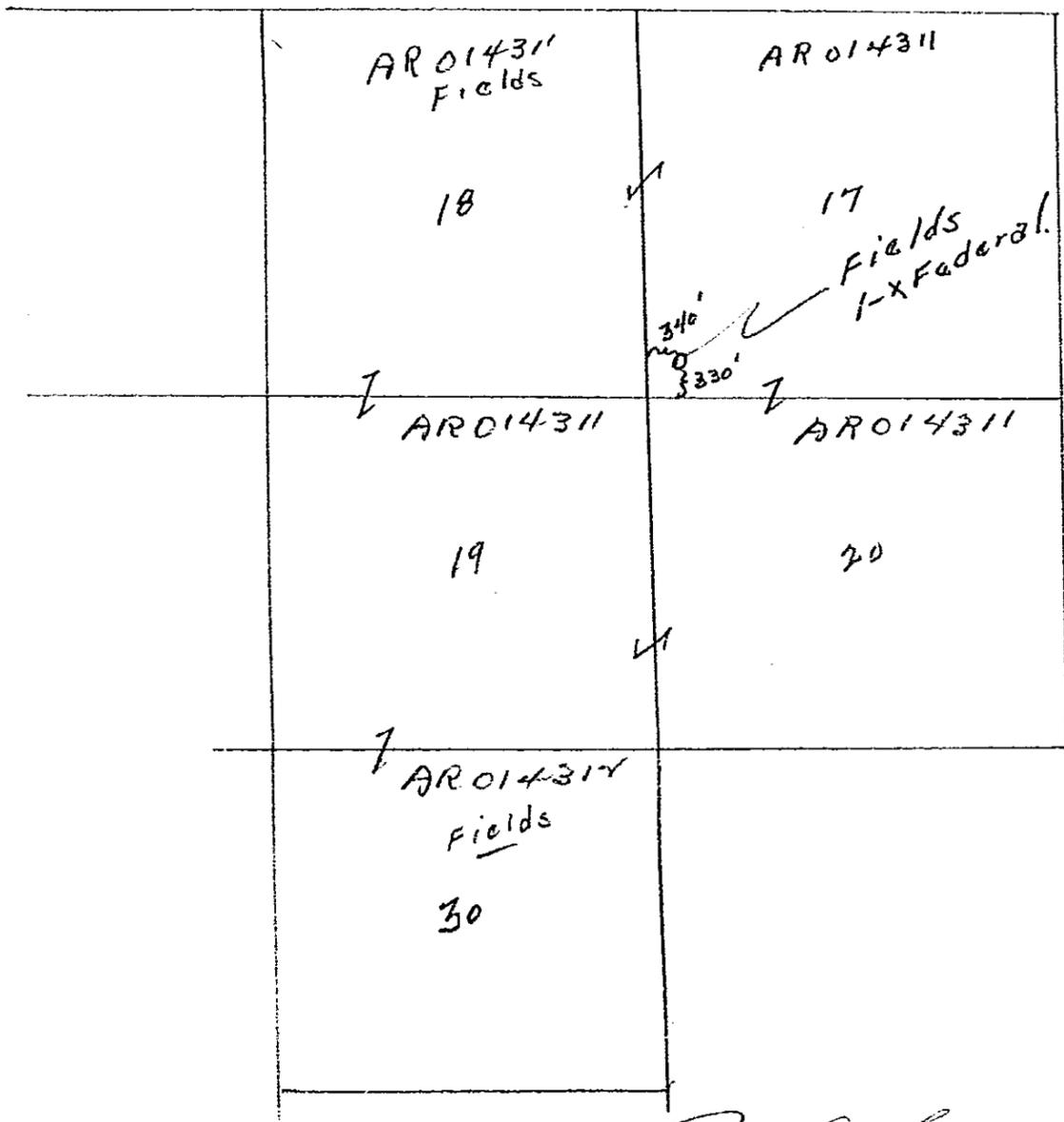
Tel. JAY-3340 Title Geol. Engr.



4/3/20

Lessee plat

7W



38N

Roger A. Builders



INSTRUCTIONS

READ CAREFULLY AND COMPLY FULLY

For the purpose of this determination attach hereto a neat, accurate plat, map or sketch of this lease, section, block or lot locating thereon the proposed site for this location. Plat shall be drawn to a scale which will permit the facile observation of all pertinent data. Show distances of the proposed well from the two nearest lease and section lines, and from the nearest wells on the same lease completed in or drilling to the same reservoir. If the location requested is not in conformance with the applicable well-spacing rules, show all off-setting wells to the proposed well, and the names and addresses of all adjoining lease or property owners.

In event plat is filed for the purpose of designating the drilling and producing unit, or proration unit, on which the proposed well is to be drilled, the boundaries of such unit shall be shown, also the boundaries of all other such units attributed to other wells on the same lease completed in or drilling to the same reservoir. The acreage contained within each unit shall also be shown.

Do not confuse survey lines with lease lines. The sketch or plat should show your entire lease if possible. If it is not practical to show the entire lease and the plat shows only a section, block or lot out of your lease, you should clearly show that same is only a part of the lease.

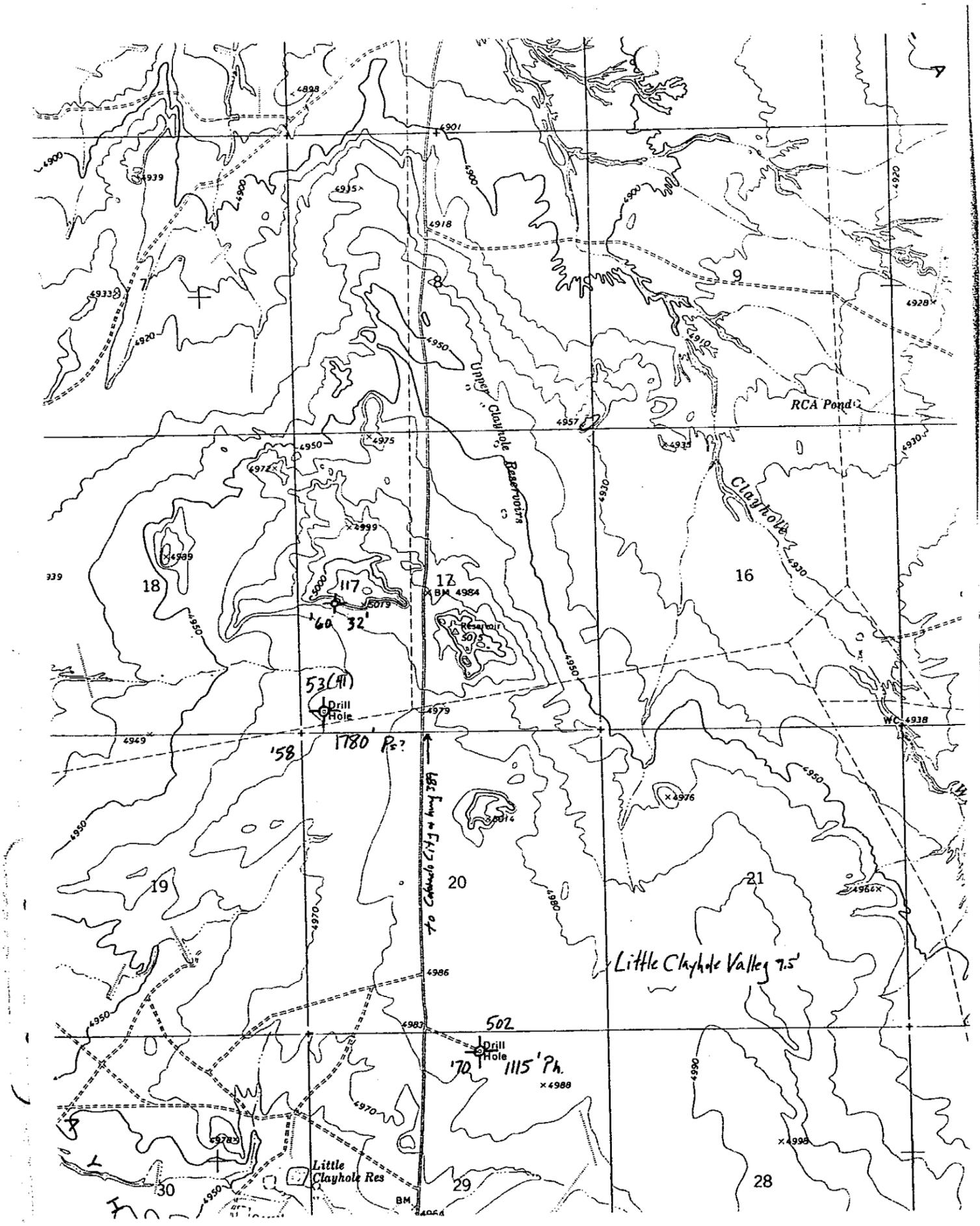
Designate scale to which plat or sketch is drawn. Also designate northerly direction on the sketch or plat.

PROPOSED CASING PROGRAM

Size of Casing	Weight	Grade & Type	Top	Bottom	Cementing Depths	Sacks Cement
Casing below was originally set in this hole 7 inch	20#	A	0	1089	0-1089	120

Other strings of casing will be set to shut off and fresh or salt waters that may be encountered.

Form No. P-1



CORRECTED APPLICATION FOR PERMIT  
STATE LAND DEPARTMENT  
STATE OF ARIZONA

Form OG 51

Form Prescribed Under Oil and Gas Conservation Act of 1951

NOTICE OF INTENTION TO DRILL NEW WELL

This notice and surety bond must be filed and permit  
must be granted before drilling begins

State Land Commissioner: Phoenix Ariz. March 6th 1958

In compliance with Statewide Rule 3, notice is hereby given that it  
is our intention to commence the work of drilling well No. 1-X Sec. 17,

Twp. 38 North Rge. 7 West, B.S.M., WILDCAT Field,  
MOHAVE County.

Legal description of lease FEDERAL LEASE # 014311 dated 3/1/57  
(attach map or plat to scale)  
and Containing sections 17, 18, 19, and 20 Twp 38N, R7West. Mohave  
County Arizona.

Location of Well: SW, SW, 17, 38N, R7 West; and being 330 from south line  
(Give exact footage from section corners or other  
and 340 feet from west line of section 17, 38 North and R 7 West  
legal subdivisions or streets)

Proposed drilling depth 1500 feet. Acres in drilling unit PEN 40.00 3/2

Has surety bond been filed? Yes. Is location a regular or exception to  
spacing rule? Special Ruling, exception to the rule.

Elevation of ground above sea level 4980 feet.

All depth measurements taken from top of Derrick floor  
(Derrick, floor, Rotary Table or  
Kelly Bushing) which is one feet above the ground.

PROPOSED CASING PROGRAM

Size of Casing Inches A.P.I.	Weight	Grade & Type	Top	Bottom	Cementing Depths
<u>8 5/8ths</u>			<u>0-</u>	<u>100</u>	
<u>( See OG 51 dated 2-12-58 )</u>					

Intended Zone or Zones of completion:  
Name

Perforated Interval

Near 1100

AFFIDAVIT:

I hereby certify under the penalty of perjury, that the information  
contained and statements herein made are to the best of my knowledge and  
belief, true, correct and complete.

Robert A. Fields  
(Applicant)

By

Application approved this 19th day of May 19 58

Obed M. Larsen  
State Land Commissioner

Permit No. 18 53

STATE OF ALABAMA

NOTICE OF INTENT TO TAKE

This notice and survey... made by general...

State Land Commission

In compliance with Article 2, Section 2, of the Alabama Constitution...

The land described in the attached map...

is situated in the County of...

Legal description of land...

Location of this...

Approximate location of...



I hereby certify under the penalty of perjury that the information contained and statements herein made are to the best of my knowledge and belief true, correct and complete.

(Applicant)

day of

State Land Commission

STATE ARIZONA  
STATE LAND DEPARTMENT

BOND FOR DRILLING OIL OR GAS WELL

State of Arizona )  
County of Maricopa )

KNOW ALL MEN BY THESE PRESENTS:

That we, Roger A. Fields,

hereinafter called Principal, and The Aetna Casualty and Surety Company, hereinafter called the Surety, are held and firmly bound unto the State of Arizona in the sum of Twenty-Five Hundred Dollars (\$2,500) for the payment of which the Principal and Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

Whereas the Principal has obtained a permit from the State Land Commissioner to drill a well in search of oil or gas, and whereas said Principal is required by provisions of the Oil and Gas Conservation Act of 1951 to deposit with the said Commissioner a good and sufficient bond:

Now, therefore, the condition of the foregoing obligation is such that if the Principal shall drill, case and plug said well drilled by said Principal in such manner as to prevent the escape of oil or gas from one stratum to another and to prevent the intrusion of water into an oil or gas stratum from a separate stratum, and to prevent the pollution of fresh water supplies by oil, gas or salt water and in such manner as to prevent waste, and shall make such reports to the Commissioner as are required by the Oil and Gas Conservation Act of 1951 by said Principal, and shall file the log and drilling record kept by said Principal within six (6) months from the time of the completion or abandonment of said well drilled for oil or gas and shall plug the same in the manner provided by the rules and regulations adopted by said Commissioner, then this obligation to be null and void, otherwise to be and remain in full force and effect.

Witness our hands and seals this 21 day of March, 1958.

Roger A. Fields  
Roger A. Fields

Principal

**CANCELLED**

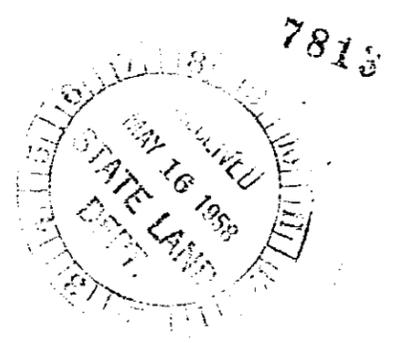
Attest  
DATE 10-6-65  
W. B. Abbott  
Resident Assistant Secretary

The Aetna Casualty and Surety Company  
By: A. E. Wagenhauser  
A. E. Wagenhauser  
Resident Vice President

Surety

Approved this 19th day of May, 1958.

Obed M. Larson  
State Land Commissioner



# The Aetna Casualty and Surety Company

Hartford, Connecticut

## Certificate of Authority of Resident Vice-Presidents and Resident Assistant Secretaries.

KNOW ALL MEN BY THESE PRESENTS, THAT *The Aetna Casualty and Surety Company*, a corporation organized under the laws of the State of Connecticut and having its principal office in the City of Hartford, State of Connecticut, by its duly authorized officer, does hereby appoint the following resident officers, with business address indicated below but without territorial restriction, and does grant full power and authority to each Resident Vice-President to sign and execute on its behalf, and to each Resident Assistant Secretary to seal and attest on its behalf, any and all bonds, recognizances, contracts of indemnity, or writings obligatory in the nature of a bond, recognizance, or conditional undertaking, and all such instruments signed by any one of said Resident Vice-Presidents, when sealed and attested by any other person named below as one of said Resident Assistant Secretaries, shall be as valid and binding upon the Company as if the same had been signed by the President and duly sealed and attested:

RESIDENT VICE-PRESIDENTS	RESIDENT ASSISTANT SECRETARIES	BUSINESS ADDRESS
A. D. Langham	A. D. Langham	Houston,
Arthur C. Burnett	Arthur C. Burnett	Texas
Val S. Dawson	Val S. Dawson	***
Chas. L. Hawkins	Chas. L. Hawkins	
B. Wendell Phillips	B. Wendell Phillips	
A. E. Wagenhauser	A. E. Wagenhauser	
R. B. Hagens	R. B. Hagens	
W. B. Abbott	O. J. Mack	
***	W. B. Abbott	
	***	

These appointments are made under and by authority of the following provisions of the by-laws of the Company which provisions are now in full force and effect and are the only applicable provisions of said by-laws:

ARTICLE IV—Section 8. The President, any Vice-President, or any Secretary may from time to time appoint Resident Vice-Presidents, Resident Assistant Secretaries, Attorneys-in-Fact, and Agents to act for and on behalf of the Company and may give any such appointee such authority as his certificate of authority may prescribe to sign with the Company's name and seal with the Company's seal bonds, recognizances, contracts of indemnity, and other writings obligatory in the nature of a bond, recognizance, or conditional undertaking, and any of said officers or the Board of Directors may at any time remove any such appointee and revoke the power and authority given him.

ARTICLE IV—Section 10. Any bond, recognizance, contract of indemnity, or writing obligatory in the nature of a bond, recognizance, or conditional undertaking shall be valid and binding upon the Company when (a) signed by the President or a Vice-President or by a Resident Vice-President, pursuant to the power prescribed in the certificate of authority of such Resident Vice-President, and duly attested and sealed with the Company's seal by a Secretary or Assistant Secretary or by a Resident Assistant Secretary, pursuant to the power prescribed in the certificate of authority of such Resident Assistant Secretary; or (b) duly executed (under seal, if required) by one or more Attorneys-in-Fact pursuant to the power prescribed in his or their certificate or certificates of authority.

IN WITNESS WHEREOF, *The Aetna Casualty and Surety Company* has caused this instrument to be signed by its Secretary, and its corporate seal to be hereto affixed, this 30th day of April, A. D., 19 57.

*The Aetna Casualty and Surety Company,*

By  
J. A. SWEARINGEN  
Secretary.

State of Connecticut, County of Hartford—ss:

On this 30th day of April, A. D., 19 57, before me personally came J. A. SWEARINGEN, to me known, who, being by me duly sworn, did depose and say: that he is Secretary of *The Aetna Casualty and Surety Company*, the corporation described in and which executed the above instrument; that he knows the seal of said corporation; that the seal affixed to the said instrument is such corporate seal; that it was so affixed by authority of his office under the by-laws of said corporation and that he signed his name thereto by like authority.

EMMA S. LATIMER

Notary Public.

My Commission Expires Mar. 31, 19 61.

### CERTIFICATE

I, the undersigned, Assistant Secretary of *The Aetna Casualty and Surety Company*, a stock corporation of the State of Connecticut, DO HEREBY CERTIFY that the CERTIFICATE OF AUTHORITY of which the foregoing and attached copy is a full, true and perfect copy remains in full force and has not been revoked; and furthermore, that ARTICLE IV, Sections 8 and 10, of the by-laws of the Company, set forth in the Certificate of Authority, is now in force.

Given under my hand and the seal of the Company, at the Home Office of the Company, in the City of Hartford, State of Connecticut, this 21 day of March, A. D., 19 58.



7813



October 6, 1965

The Aetna Casualty and Surety Company  
3700 Montrose Boulevard  
Houston 6, Texas

Re: Your Bond 26 S 10703  
Roger A. Fields #1 Federal well  
SW/4SW/4 17-38N-7W, Mohave County, Arizona  
Our File 41

Your Bond 26 S 10705  
Roger A. Fields #1-X Federal well  
SW/4SW/4 17-38N-7W, Mohave County, Arizona  
Our File 53

Your Bond 61 S 574  
Roger A. Fields #2 Federal well  
NE/4SW/4 17-38N-7W, Mohave County, Arizona  
Our File 117

Gentlemen:

Inasmuch as Mr. Fields is deceased, and since all wells have been plugged and we have acquired all data that is apparently available, we are closing our files on these wells.

This letter then will constitute authority from this Commission to terminate captioned bonds.

Your cooperation has been very much appreciated.

Yours very truly,

John Bannister  
Executive Secretary  
nr

September 30, 1965

U.S. Geological Survey  
P.O. Box 959  
Farmington, New Mexico

Attention: Mr. Richard E. Krahl

Re: Roger A. Fields #1 Federal well  
SW/4SW/4 17-38N-7W, Mohave County, Arizona  
Our File 42

Roger A. Fields #1-X Federal well  
SW/4SW/4 17-38N-7W, Mohave County, Arizona  
Our File 53

Roger A. Fields #2 Federal well  
NE/4SW/4 17-38N-7W, Mohave County, Arizona  
Our File 117

Gentlemen:

We are returning herewith your files on captioned wells. We have made copies for our records.

We appreciate your cooperation, and if this office may be of service to you, please contact us.

Yours very truly,

John Bannister  
Executive Secretary  
BT  
end



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
P. O. Box 959  
Farmington, New Mexico

IN REPLY REFER TO:

Sept. 29, 1965

Mr. John Bannister  
Oil and Gas Conservation Commission  
State of Arizona  
1624 West Adams  
Phoenix, Arizona 85007

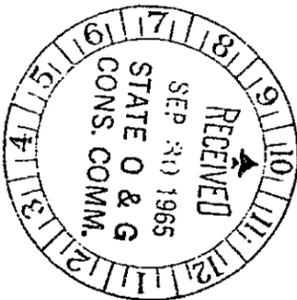
Dear Sir:

Your letter of September 21 requested copies of completion reports and logs on the wells Roger Fields drilled in sec. 17, T. 38 N., R. 7 W., Mohave County, Arizona.

Enclosed are all the reports and logs we have received on these wells. Feel free to make copies of any of the reports in these folders and please return the folders and logs to this office.

Sincerely yours,

Richard B. Krahl  
Acting District Engineer



September 21, 1965

U.S. Geological Survey  
P.O. Box 959  
Farmington, New Mexico

Attention: Mr. Phil McGrath

Re: Roger A. Fields #1 Federal well  
SW/4SW/4 17-38N-7W, Mohave County, Arizona  
Our file 41 - Lease AR-014311

Roger A. Fields #2 Federal well  
NE/4SW/4 17-38N-7W, Mohave County, Arizona  
Our file 117

Roger A. Fields #1-X Federal well  
SW/4SW/4 17-38N-7W, Mohave County, Arizona  
Our file 33

Gentlemen:

We are attempting to close our records on the captioned wells. We have contacted Mr. Fields' widow and she advises she is not able to locate any of her husband's records. You have previously furnished us with copies of Plugging Reports which were filed with you.

I would very much appreciate your furnishing us with copies of any completion reports and/or logs which may be in your possession. Should there be any charge for this, will you please advise.

Yours very truly,

John Baunister  
Executive Secretary  
nr

July 9, 1968

Aldridge & Stroud, Inc.  
P.O. Box 962  
Odessa, Texas

*Ltr Ret'd  
"Moved, left no address"*

Re: Your Bond 265 10703  
Roger A. Fields #1 Federal well  
SW/4 SW/4 17-T35N-R7W, Mohave County, Arizona  
Our file #41

Your Bond 618874  
Roger A. Fields #2 Federal well  
NE/4 SW/4 17-T35N-R7W, Mohave County, Arizona  
Our file #117

Your Bond 26510703  
Roger A. Fields #1-X Federal well  
SW/4 SW/4 17-T35N-R7W, Mohave County, Arizona  
Our file #53

Gentlemen:

Aetna Casualty & Surety Company, Surety for Mr. Fields, has informed us you may have drilled these wells.

If so, we request your assistance in acquiring required data for our files. We need Well Completion Reports and copies of all logs.

Will you send us any data or logs that you have? We appreciate any information you may be able to give us.

For your convenience we are enclosing a supply of the Well Completion Report forms showing the type of information we would like.

Very truly yours,

John Bannister  
Executive Secretary  
cb

THE AETNA CASUALTY AND SURETY COMPANY

HARTFORD, CONNECTICUT

AFFILIATE OF

AETNA LIFE INSURANCE COMPANY

THE STANDARD FIRE INSURANCE COMPANY

LANGHAM, LANGSTON, BURNETT & DYER  
3700 MONTROSE BOULEVARD  
J.A.B. 4481

HOUSTON 6, TEXAS

July 8, 1965

Oil and Gas Conservation Commission  
State of Arizona  
Room 202, 1624 West Adams  
Phoenix, Arizona 85007

Re: Our Bond 26 S 10703  
Roger A. Fields #1 Federal Well  
SW/4SW/4 17-T38N-R7W, Mohave County, Arizona  
Your File 41

Our Bond 61 S 574  
Roger A. Fields #2 Federal Well  
N/E4SW/4 17-T38N-R7W, Mohave County  
Your File 117

Our Bond 26 S 10705  
Roger A. Fields #1-X Federal Well  
SW/4SW/4 17-T38N-R7W, Mohave County, Arizona  
Your File 53

Gentlemen:

In reply to your letter of June 28, wish to advise Mr. Fields died in September 26, 1962. We have contacted his widow and she advises us she has no idea where the records concerning these three wells could be found.

Our files reveal that a firm by the name of Aldridge & Stroud, Inc., Box 962, Odessa, Texas, may have drilled some of the wells. However, correspondence that we had with them in September 1959 did not produce any answers.

We hope this information will be of some benefit to you.

Yours very truly,  
The Aetna Casualty and Surety Company  
Langham, Langston & Dyer, Agents

A. E. Wagenhauser  
A. E. Wagenhauser



ABW:js

June 28, 1965

The Aetna Casualty and Surety Co.  
2503 Fannin Street  
Houston 2, Texas

Re: Your Bond 268 10703  
Roger A. Fields #1 Federal well  
SW/4SW/4 17-T38N-R7W, Mohave County, Arizona  
Our file 41

Your Bond 618574  
Roger A. Fields #2 Federal well  
NE/4SW/4 17-T38N-R7W, Mohave County  
Our file 117

Your Bond 26810705  
Roger A. Fields #1-X Federal well  
SW/4SW/4 17-T38N-R7W, Mohave County, Arizona  
Our file 53

Gentlemen:

A review of our files reveals that the captioned wells have been properly plugged. Information in the files indicates, too, that Mr. Fields is deceased and that the bonds appear to be active.

In order to complete our files we do need Well Completion Reports on all the captioned wells and copies of the logs run for our files 41 and 117.

We request that you attempt to secure this information for us.

Your efforts and cooperation are appreciated.

Yours very truly,

John Bannister  
Executive Secretary

MF  
enc: Well Completion Report forms

June 16, 1965

Re: Roger A. Fields #1X Federal  
SW/4SW/4 17-T38N-R7W, Mohave County  
File 53

Roger A. Fields #2 Federal  
NE/4SW/4 17-T38N-R7W, Mohave County  
File 117

Telephoned Dick Krall, U.S.G.S., Farmington.

Subject wells have been plugged by order of U.S.G.S. Correspondence indicates that Mr. Roger A. Fields is deceased.

We accept this communication therefore from U.S.G.S. as fulfillment of our plugging requirements.

Mr. Krall indicated he would send us copies of plugging records for our files.

J.R. Scurlock  
Petroleum Geologist  
mr

July 2, 1963

Aetna Casualty and Surety Company  
709 Bloomfield Road  
Farmington, New Mexico

Re: Roger A. Fields - Federal #1, #1-X and #2  
All in T38N, R7W, Mohave County, Arizona

Gentlemen:

The United States Geological Survey has furnished us copies of the report of the plugging operations on the captioned wells.

To complete our files, it will be necessary that we have this commission's plugging record forms completed on each well. We are enclosing a supply of these forms and request that you have the party who did the plugging of these wells under the supervision of the Geological Survey complete these forms and return them to this office.

If the forms comply with our regulations, the bonds on the wells may be released.

Yours very truly,

N. A. Ludewick  
Executive Secretary

encs 12

41

**THE AETNA CASUALTY AND SURETY COMPANY**

HARTFORD 15, CONNECTICUT

AFFILIATE OF  
AETNA LIFE INSURANCE COMPANY  
THE STANDARD FIRE INSURANCE COMPANY

April 26, 1963

Mr. Lee Testa  
3415 Bellaire Boulevard  
Houston, Texas



Dear Mr. Testa:

Roger A. Fields, U. S. A.  
Bond 8-10704  
Arizona Lease 014311  
Claim No. C-61 80 217  
U. S. Department of Interior

Our file reflects that you have previously been notified that you are an indemnitor on the bond issued to the United States of America, Department of Interior, on behalf of Roger A. Fields, deceased, who was connected with oil field operations in the State of Arizona. Three holes were abandoned not in accordance with Department of Interior regulations, and demands have been made upon us to plug the wells operated by Roger A. Fields and clean the locations in accordance with instructions laid down by the Department of Interior.

Our file further reflects that we have previously called upon you and your co-indemnitor, Mr. Richard T. Schill, of 3026 Quenby Drive, Houston, Texas, to embark upon the obligations, and hold the Aetna Casualty and Surety Company free and harmless of all loss and expense in connection with this matter.

To date, this has not been done. We have now secured, with the assistance of Mr. P. T. McGrath, District Engineer for the United States Department of Interior, three competitive estimates on doing this work, as follows:

1. Dow Division, of the Dow Chemical Company, P. O. Box 1650, Farmington, New Mexico, \$2300.
2. Frank E. Yockey, 821 Crestview Drive, Farmington, New Mexico, \$1750.
3. Thomas A. Dugan, 1007 North Austin, Farmington, New Mexico, \$1650.

Mr. Lee Tosta

-2-

April 26, 1963

For your information and guidance, we attach photo copies of the bids submitted by these three firms.

This letter is to notify you that unless you and/or your co-indemnitor move on or before May 13, 1963, to discharge the obligation placed upon you by the terms of the indemnity agreement in the above captioned bonds, we will proceed to let a contract to the low bidder and will look to you for reimbursement in full of all loss and/or expense sustained by CNA Casualty and Surety Company as a result of any payments, etc., made by us.

If you have any questions in connection with this matter, please feel free to call upon us at any time.

Very truly yours,

W. B. Jordan, Supervisor  
Houston Claim Department

edj/lj

Encl.

cc: Mr. Richard F. Schill  
3026 Queby Drive  
Houston 5, Texas

Mr. F. T. McGrath, District Engineer  
U. S. Department of Interior - Geological Survey  
P. O. Box 959, Farmington, New Mexico

Arizona Oil and Gas Conservation Commission  
State Capitol Building, Phoenix, Arizona

U. S. Geological Survey  
Regional Office  
Roswell, New Mexico

Mr. E. J. Laking, Examiner  
Houston Office Claim Department, 806650.

P. O. Box 959  
Farmington, New Mexico

April 22, 1963

The Aetna Casualty and Surety Co.  
2505 Fannin St.  
Houston 2, Texas

61 80 217  
Ar. 014311

Gentlemen:

I am enclosing three bids I have received from three different people desirous of plugging the Roger A. Fields wells, located in sec. 17, T. 38 N., R. 7 W., Mohave County, Arizona. On a recent trip to the location it was found that well No. 1 Federal has apparently been plugged as stated in one of Mr. Fields' reports. The bids submitted are for the plugging of well No. 1-X Federal and well No. 2 Federal. As you will notice, Bewell's bid is itemized and amounts to approximately \$2300. Frank E. Yockey's bid of \$1750.00 and Thomas A. Degan's bid of \$1650.00 are not itemized; however, all three bidders are aware that the work must be done to our specifications and the plugging and clean up work will be witnessed by an engineer from this office. It is my belief that each of the three bidders is competent to do the work. The successful bidder, when the work is completed to our satisfaction, will submit to this office a Subsequent Report of Abandonment covering each of the wells plugged. Upon receipt of these reports they will be approved and the person doing the work will be given approved copies of the reports. These approved reports will be our certification that the work has been done to our specifications and satisfaction.

Anything you can do to expedite the issuance of whatever papers are necessary to get these wells plugged will be appreciated.

Very truly yours,

P. T. McGrath  
District Engineer

PTMcGrath:st  
cc - Aris. O & O Cons. Comm.  
U.S.G.S. Regional Office, Roswell, N. M.

53

June 24, 1960

Mr. Roger A. Fields  
502 Azaleadell  
Houston 24, Texas

Dear Mr. Fields:

I return herewith an approved copy of Form 15A, Application to Abandon and Plug your Federal #1X well, in Mohave County, Arizona. Further, I include additional copies of the Plugging Record for your #1 and #1X well.

The application to plug your #1 well has been approved and there remains only the completion of your plugging record. I suggest you complete this form and forward to this office immediately, so that we are able to release your bond, which is dated June 11 as the maturity date.

I have not been to your drilling location recently. What's going on? I sincerely hope you are successful. Come and see us.

Sincerely yours,

W. F. Maule  
Petroleum Engineer

WFM/ew  
Enclosures

April 11, 1960

Mr. Roger A. Fields  
2420 West Alabama  
Houston, Texas

Dear Mr. Fields:

We have received this date, the well completion Form P-7 on the #1-X Well, in Mohave County, Arizona.

Upon receipt of Form 15A, Application to Plug and Abandon, and Form 15, Plugging Record on the #1 Well, we will release your bond on the #1 Well.

We enjoyed talking to you. Good luck.

Yours sincerely,

W. F. Maule,  
Petroleum Engineer

WFM:nmr

XXXXXXXXXXXX

April 7, 1960

Anthony T. Deddens  
Member

Mr. Roger A. Fields  
2708 Mangum Road  
Houston, Texas

Dear Mr. Fields:

We return herewith, your approved  
Application to deepen the Federal  
#1-X, Sec. 17 - 38 N - 7 W, Mohave  
County, Arizona.

We enclose the necessary forms to  
complete our file on the Federal #1.  
Upon receipt and approval, we shall  
release your bond on this well. Best  
wishes on your deepening of 1-X.

Sincerely yours,

W. F. Maule,  
Petroleum Engineer

WFM:mar

Enclosures: Approved Application for Permit  
to Drill, Form #P-1  
Lease Plat, dated 4/3/60  
Plugging Record Form #P-15 (3)  
Application to Abandon & Plug  
Form #15A (3)

XXXXXXXXXX

April 4, 1960

Anthony T. Deddens  
Member

Mr. Roger A. Fields  
2708 Mangum Road  
Houston 24, Texas

RE: FEDERAL #1-X

Dear Mr. Fields:

We enclose the forms I discussed with Mr. Williams, regarding your earlier attempt to complete the Federal #1-X Well. Form #P-7. This same form to be submitted, if you are successful in deepening the well to a productive formation, the Form #15-A, followed by Form #P-15, if unsuccessful.

Best wishes.

Yours sincerely,

W. F. Maule,  
Petroleum Engineer

WFM:mar

Enclosures: Application to Abandon & Plug-  
Form #15-A (3)  
Plugging Record - #15 (3)  
Well Completion or Recompletion  
Report & Well Log - #P-7 (8)

Form letter sent February 25, 1960 by instructions  
of Petroleum Engineer, W.F. Maule.

EE

53

November 4, 1959

Mr. Roger A. Fields  
Fields Machine & Service  
2708 Mangum Road  
Houston 24, Texas

Dear Mr. Fields:

I have your letter of September 25, 1959, regarding your Federal #1-X, Sec. 17, T. 38 N., R. 7 W.

I have discussed this matter with the Commission, at our last meeting, and it is their feeling that we must require all operators to comply with our Rules and Regulations, and since this well has been in a suspended state for a very long time, we feel that you will be required to continue drilling, or plug and abandon the well. Under our Rules, the abandonment and plugging of wells, Section 202. "b": "When drilling operations have been suspended for sixty (60) days, the well shall be plugged and abandoned, unless written permission for temporary abandonment shall be obtained from the Commissioner."

Enclosed herewith, are forms for plugging this well, in the event that you do not intend to continue drilling. I therefore would appreciate it, if you would advise me, at your earliest convenience, as to whether you will plug and abandon the well. We do not feel that a temporary abandonment should be granted, for the reason that this well has not had any attention since approximately March 2, 1959.

Yours very truly,

D. A. Jerome  
Executive Secretary

DAJ:mmr

Enclosure:

53

FIELDS MACHINE & SERVICE (former address on envelope:  
2708 Mangum Road 2420 W. Alabama, Houston 6, Tx.)  
Houston 24, Texas

September 25, 1959

(DATED 9/29/59)

Mr. D. A. Jerome  
Oil & Gas Conservation Commission  
Phoenix, Arizona

D. A. Jerome, Executive Secretary

Dear Mr. Jerome:

We sent your department a complete set of field samples on the Fields # 1-X Federal well in Mohave County Arizona six months after the well was drilled to 1159 feet, as per rules and regulations. It is not in-tention to abandon the well nor to plug it in the near future. My leases with the Government are in order. The first well that we attempted to drill was lost at approximately 450 feet, ten feet from the # 1-X well site and the driller plugged the hole with intervals of drilling mud and cement at the time that we cemented pipe on the well # 1-X.

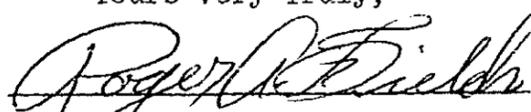
We have attempted to complete the 1-X well several times with no success. Therefore due to favorable findings in the hole to 1159 feet it is my intention to eventually drill the hole to the Pennsylvanian, Missippian or to the Devonian formations in further search for accumulations of oil. It is a very hard area to drill, and can not be satisfactorily drilled with anything except cable tools, especially the first thousand feet of digging. We have that behind us now and the red beds may be easier drilling, until we get to the Pennsylvanian Limestones where it will become increasingly harder again.

It is the custom of all the Major Companies to with hold all their Schlumberger records for a while in all wells in which discovery is at all possible, or until trading in the areas to their advantage is completed. However, in this immediate area the lands are possibly all taken now. After drilling is completed to the above mentioned formations and the finall Schlumberger logs are run on the well, itseems unreasonable to release a partial log of the hole. If the other companies wish to see the logs theyshould contact me at my Houston office.

It is our intention to comply with the rules and regulations of your office, but since the drilling started early on the lease term we have lots of time, and money is scarce and the steel strike is not favorable for the oil business either.

In regard to the insurance, I have the insurance in order.

Yours Very Truly,

  
Roger A. Fields

September 17, 1959

Mr. Roger A. Fields  
2420 West Alabama  
Houston, Texas

Re: Roger A. Fields, Federal #1-X

Dear Mr. Fields:

The Oil and Gas Conservation Commission of the State of Arizona is now functioning pursuant to the State Statute authorizing its creation and setting forth its functions. We note from the file that we have not had any information concerning the above such well since March 2, 1959. We would greatly appreciate hearing from you regarding this said well and its present status. We should like to receive from you a copy of any and all logs run on this subject well and we especially desire to ascertain whether this well has been completed as a well or whether it has been plugged and abandoned.

We are extremely desirous of cooperating with operators to the fullest extent permissible under the law and our policy is going to be one of full cooperation with the oil and gas industry. In carrying out such a policy, however, as you will realize it is necessary that the companies and operators cooperate with the Commission. The former rules and regulations have not as yet been adopted by the Commission and there has been considerable agitation in the newspapers and by operators to enact rules which would require closer supervision and drastic penalties for failure to comply. Naturally, the Commission is reluctant to do this unless it finds it is compelled to enact more stringent rules and regulations. Full cooperation by operators and companies such as yours would help avoid such a situation. In order not to be misunderstood, this is not intended to be threatening but rather informative, as we are constantly being pressed to keep wells and well information current.

If this office can be of any assistance to you in any manner, kindly feel free to call upon us.

Yours very truly,

D. A. Jerome  
Executive Secretary

AIR MAIL

53  
DAJ/jds

P. O. Box 965  
Farmington, New Mexico

February 17, 1959

Mr. Charles H. Williams  
Geological Engineering Consultant  
160 Reinecke  
Houston 7, Texas

Re: Lease Arizona 014311  
Well No. 1-X Federal

Dear Sir:

All reports previously requested will have to be submitted as separate reports.

Was surface pipe set on the No. 1-X? If so, please indicate such on a report for well No. 1-X Federal.

For well No. 1 Federal, we will need a "Notice of Intention to Abandon" and a "Subsequent Report of Abandonment". (Two separate reports).

Very truly yours,

*Billy J. Shoger*  
Billy J. Shoger  
Acting District Engineer

BJShoger:ma

May 19, 1958

Mr. Roger A. Fields  
2420 W. Alabama  
Houston 6, Texas

Dear Mr. Fields:

We wish to acknowledge receipt of your letter dated May 12, 1958 in which you have inclosed the bond in the amount of \$2,500 covering your well known as the Roger A. Fields, Federal #1-X, located in Section 17, Township 38 North, Range 7 West, Mohave County, Arizona.

Inclosed please find your copy of the corrected Notice of Intention to Drill New Well, which has been approved by the State Land Commissioner this date.

We wish to thank you in complying with State regulations regarding the above matter, and if we can be of assistance to you in the future, please do not hesitate to call on us.

Very truly yours,

STATE LAND COMMISSIONER

By: Frederick C. Ryan,  
Supervisor,  
Oil & Gas Conservation

FCR:mb  
Encl.

53

**Fields Machine & Service**

MANUFACTURE - MAINTENANCE - REPAIR  
GENERAL MACHINE WORK Phone LI-3340

2004 KIPLING

HOUSTON, TEXAS

May 12, 1958

Land Commissioner  
Arizona State Land Commission  
Phoenix, Arizona

Sir:

Herewith is the bond #26 \$ 10,705 with  
the Aetna Casualty & Surety Co., covering  
the drilling of an oil well in Mohave County,  
Arizona.

Respectfully yours,

*Roger A. Fields*

7813





*Fields Machine & Service*

MANUFACTURE - MAINTENANCE - REPAIR  
GENERAL MACHINE WORK

2004 KIPLING

Phone LI-3340

HOUSTON, TEXAS

May 12, 1958

Land Commissioner  
Arizona State Land Commission  
Phoenix, Arizona

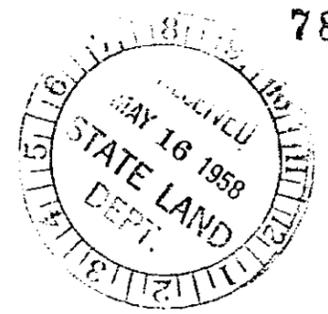
Sir:

Herewith is the bond #26 \$ 10,705 with  
the Aetna Casualty & Surety Co., covering  
the drilling of an oil well in Mohave County,  
Arizona.

Respectfully yours,

*Roger P. Bulth*

7813



March 11, 1958

Mr. Charles H. Williams  
160 Reinecke Street  
Houston 7, Texas

Dear Mr. Williams:

Reference is made to your letter of March 6, 1958 regarding the Roger A. Fields Federal #1-X in Mohave County. We are pleased to acknowledge receipt of your check for the filing fee in the amount of twenty-five dollars and are inclosing our receipt for the same.

Your amendment of location as being 340 feet from the west line of section 17 is noted and has been made part of your Intention to Drill form.

Regarding the size of the drilling unit - a forty acre unit is mandatory as prescribed in present rules and regulations "unless a special exception is granted after notice and hearing". If you desire to make a formal request for such a hearing we would of course, start publishing notices; however, it is suggested that a better course might be to allow your present Intention to Drill form go through to approval as a standard 40 acre drilling unit request, then, if the outcome of your testing of the well warrants it, formally request that your drilling unit be reduced to 10 acres and future off-setting wells be spaced accordingly.

We shall look forward to hearing from you on this. If you choose to follow our suggestion then, upon receipt of proper bond, the permit can be issued and the well made legal.

The Intention to Drill forms and completion forms you request are being forwarded under separate cover.

Very truly yours,

STATE LAND COMMISSIONER

By: Frederick C. Ryan,  
Supervisor,  
Oil and Gas Conservation

53  
FCR:mb  
Encl.

Charles H. Williams  
GEOLOGICAL ENGINEERING CONSULTANT  
160 REINECKE STREET Underwood 9-2187  
HOUSTON 7, TEXAS

3-6-58

State Land Commissioner  
Phoenix Arizona

Dear Sir:

Sorry that I made an error on the new hole that we drilled but due to an error in understanding the men out in the field we got it moved the wrong direction.

Enclosed is a check for the permit.

Please send me some more of the permit forms and also some completion forms just in case that we make a well out there.

We would appreciate your granting us a special ruling on this permit since any production we may get will be shallow and out of hard tight limestones and unless the wells are spaced as close or closer than ten acres the oil may never be recovered. However ten acre space for this shallow oil might be sufficient. I may be asking this grant too soon however, it will do no harm to speak of it at this time.

Very Truly Yours,

*Charles H. Williams*  
Charles H. Williams

3726



The Arizona Republic

## 32 Million Barrel Oil Field Sighted

Tests that could determine a multimillion-barrel potential of oil reserves in northwestern Arizona's Mohave County will be made today or tomorrow.

Drillers yesterday were uncertain of the test time.

Possibility of an oil field of plus-32 million barrels of petroleum were in prospect.

The test is on the Fields-Valen wildcat about 16 miles south of Short Creek.

The well, cable-tool drilled, was halted at 1,100 feet. Casing then was placed and cemented in by Halliburton Cementing Co.

DEPTH at 1,100 feet was being considered as a major factor because of low-cost drilling operations.

Van Bennett, president of Valen Oil & Minerals Corp., which holds 10,000 acres of leases in the area, said yesterday that more tests were yet to be drilled.

Should the impending exploration warrant it, he said, a sand-fracturing process would be resorted to, which would open tight-binding oil-saturated sands for a freer flow of gas or oil.

Sand fracturing is a new specialization in the oil industry, and is said to have added billions of barrels of oil to this nation's output. It consists of pressure-blasting of tight formations which usually open up the structure and provide for better outlet of oil and/or gas.

CORE Laboratories, Inc., of Houston, Tex., is reported to have analyzed core samples from the Fields-Valen wildcat, and to have estimated oil recovery of 200 barrels per acre foot.

The test was based on 16 feet of oil-saturated sand.

Bennett said that recovery of 200 barrels of oil on that basis would amount to 18,000 barrels of 10-acre spacing, and \$3 per barrel would be an attractive long-range investment in such wells.

Ariz. Rep. Sunday,

March 7, 1958

Page 8

## Non-Indian Oil Well Test Looks Good

The first non-Indian reservation oil producer in Arizona may have been drilled in northwestern Arizona about 30 miles south of Short Creek.

It is a wildcat test by Roger Fields-Valen Oil, now halted in 10 feet of oil-bearing sand at a depth of only 1,110 feet.

Charles Williams, geologist for Fields, and geologist for Amerada Oil for more than 18 years, said at drilling headquarters in Kanab, Utah, that the discovery might be made into a commercial well.

Fields is a Houston, Tex., oil man.

IT WAS reported in Fredonia, nearest road-connected Arizona community, that much oil is evident in the well's ledge pit.

Yesterday, the hole was being filled with drilling mud preliminary to running a Schlumberger (electric log) test to record all showing of oil. Several shows were reported at around 600 feet, which is the average depth of the half-century-old Cirgin Oil Field near St. George, Utah.

Equipment for the electric-log test is on the way to the drill site from Farmington, N. M.

Seven-inch casing pipe is en route from West Texas, and Halliburton Cementing Co. at Yuma, Utah, is ready to cement the casing.

THE HOLE then will be bailed out, the cement plug drilled through, and the first test for oil or gas in commercial quantities will be made.

It was estimated this work would require 10 to 12 days.

If necessary, the hole might then be deepened—the well was shut down in sand without bottom being found.

The Fields organization also is prepared to sand-fracture. This is a process which loosens strata and permits a freer flow of oil or gas.

Valen Oil & Minerals Corp., headed by Van D. Bennett, president, holds 5,000 acres of leases in the vicinity of the test.

BENNETT termed the current development encouraging, but he cautioned against "over-optimism" until the well is completed and carefully tested.

"If a commercial well of from 15 to 40 barrels a day can be brought in at that shallow depth," Bennett predicted, "it will certainly mean an oil boom in northwestern Arizona."

The well and most of the Fields and Valen holdings are on what for years was withdrawn by the federal government as a naval oil reserve. The area was restored to public domain in the late 1920s without any drill tests having been made.

## Short Creek Site To Get Oil Tests

SHORT CREEK, March 10 (UP)—A place 16 miles south of here is getting attention—not only in Arizona but throughout the nation.

The spot is the site of the Fields-Valen wildcat field.

Tests are expected to be made in the area that could possibly determine a potential of oil reserves in Northwest Arizona.

A Texas firm, in analyzing core samples taken from the wildcat, estimates oil recovery of 200 barrels per acre-foot.

February 21, 1958

Mr. Roger A. Fields  
2420 West Alabama  
Houston, Texas

Dear Mr. Fields:

This is in reference to our telephone conversation of February 19, 1958 concerning your Federal #1 and #1-X wells in Mohave County.

As I outlined Wednesday morning we must require the following on the 1-X:

1. Filing of Intent to Drill (accomplished)
2. Permit Fee of \$25.00 to accompany above
3. Filing of \$2,500 bond

I realize your problem in being unable to plug the first hole presently with the rig in position over the 1-X location and note your approximate date of March 15, 1958 for plugging. Thank you for the information sent to Mr. Johnson regarding the #1 and the assurance of samples on that hole.

Regarding the Intent to Drill form on the 1-X, Mr. Johnson has brought up the question as to whether the 1-X is east or west of the first hole. He was under the impression from his field trip that 1-X was east; your Intent to Drill locates 1-X 10 feet west of the first hole. For our benefit in keeping the records correct for the future, would you please straighten us out on this? Referring to the size of the drilling unit and spacing as mentioned in the Intent to Drill, since a 40-acre drilling unit is standard for Arizona, we presume that is your intention and we will, when the permit is approved, treat it as such unless you specify otherwise.

I hope the above is all clearly stated and know that you will handle it as expeditiously as possible from your end.

It was a pleasure to talk to you last Wednesday, Mr. Fields, and I am looking forward to meeting you personally at some future date.

If we can be of assistance in the future, do not hesitate to call on us.

Very truly yours,

STATE LAND COMMISSIONER

By: F. C. Ryan, Supervisor  
Oil and Gas Conservation

February 18, 1958

Mr. Phillip W. Johnson  
P. O. Box 2270  
Tucson, Arizona

Dear Phil:

Thanks for returning the correspondence pertaining to the micro-film and for preparing the letter to Mr. Bears of Shell Oil.

We are inclosing O&G forms 51 for the Fields IX, also forms 55 and 56 for you to check out. We intend to ask for the \$25.00 and the new bond as indicated in Mr. Williams' letters to Mr. Lassen and to Mr. Duncan. (Verifax copies of correspondence is inclosed.)

On the new intent to drill, if it basically meets with your approval - fine, if not send back for corrections. We realize the drilling acreage is not right and we could strike it out here and cover by explanation to Mr. Williams. The original hole meets Federal specifications, but is not legal insofar as State regulations are concerned.

Mr. Sam Joy phoned yesterday and is still interested in looking at the formation of which we spoke about. He will most likely phone you at Tucson, if he has not done so already.

*as to location in 40)*

Very truly yours,

STATE LAND DEPARTMENT

By: F. C. Ryan,  
Supervisor,  
Oil and Gas Conservation

Encls. - orig - 51 & 55

53

**Charles H. Williams**  
GEOLOGICAL ENGINEERING CONSULTANT  
160 REINECKE STREET      UNDERWOOD 9-2187  
HOUSTON 7, TEXAS

2/14/58

Louis C. Duncan  
Manager State land Department

Dear Sir:

I just mailed new reports on our well #1-X which is already drilling ten feet from our #1 well in Mohave County Arizona, to Obed M. Lassen. Bonding of the new well will follow immediately or as soon as this may be done. We did not know that since we were drilling at the same location that this would have to be done, and also regarding the permit, we do not know whether to mail another check for \$25.00 to cover what we are calling the 1-X in the permitting of the new hole. What we are doing is redrilling ten feet from the original well bore which went to a total depth of 460 feet and had to be abandoned because of its being too crooked. We moved the third rig onto location at 460 on the No. 1 well and the cable tools would not work in the hole, so they skidded ten feet and started again, and at present time they are drilling at 830 feet in the 1-X hole and their rig is sitting immediately astraddle of the #1 hole, therefore we will have to wait until we get this one drilled to plug the first try; and of course we can at that time probably plug both of them at once if we do not make a well in the 1-X, and if we do make a well we can plug the first one at that time.

I am also writing at this time to Phillip Johnson geologist there at the State house and giving him what dope I now have on the well.

If there is any other information that you need at this time, please let me know and I will get it to you.

Yours Very Truly,

*Charles H. Williams*  
Charles H. Williams



2592



## Fields Machine & Service

MANUFACTURE - MAINTENANCE - REPAIR  
GENERAL MACHINE WORK

2004 KIPLING

Phone LI-3340

HOUSTON, TEXAS

2/12/58

Obad M. Lassen  
State Land Commissioner

Phoenix Arizona

Dear Sir:

Received your letter of February 10th, and sorry that we are late with this information. We are operating a long way from our business out there and it is pretty hard to keep up with every thing since it is the first experience in your state.

We do not know, but we are of the opinion that the \$25.00 sent with the original permit would be sufficient here, but if it is necessary that we send a second amount, please let us know. We are still trying to drill the same well at practically the same spot under the same survey plat, for all practical purposes.

We have had several shows in the well #1, and are getting the same shows and additional shows in the well No. 1-X. the samples of which I have cut for you from the surface down and am keeping them boxed to send to you at your request or after we complete the well.

Some one has been picking up samples at the well, supposedly for the State, but I have a letter from your office stating that you did not need them at least until after we finished the well, so I have been cutting them and packaging them for you and boxing them for you here in Houston to be mailed or delivered at a later date.

We would like to know whether or not there is still a bonus offered in your State for discovery of new oil, as we have heard rumors to that effect, please inform us whether or not this may be so.

Yours Very Truly,

*Charles H. Williams*  
Charles H. Williams

*Agnes F. Rogers A. Mills*

P.S. Bond correction or new bond will follow soon.



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2579



February 7, 1958

Mr. Charles H. Williams  
Agent for: Roger A. Fields  
160 Reinecke Street  
Houston 7, Texas

Re: Roger A. Fields - Federal #1  
Roger A. Fields - Federal #1-X

Dear Mr. Williams:

It has come to my attention, through the report of an inspection made by P. W. Johnson, geologist for this Department, during the week of January 27th, that the hole designated Roger A. Fields - Federal #1 and located on Section 17, Township 38 N., Range 7 W., has been discarded at 475 feet without proper plugging and abandonment. In the same report it is noted that a new and unreported well known as the Roger A. Fields, Federal #1 - X was drilling at 470 feet at a location effected by skidding the rig a short distance.

May I point out that under your organization's present permit, Number 41, as covered by bond of June 11, 1957, you have certain statutory obligations including the duty of proper plugging and abandonment of the Roger A. Fields - Federal #1.

May I also bring to your attention the fact that in presently drilling, without permit and bond, the hole known as Roger A. Fields - Federal #1 - X, you are violating provisions of the Arizona statute known as the Oil and Gas Conservation Act of 1951, and of the Rules and Regulations Governing the Conservation of Oil and Gas in Arizona.

I realize and appreciate your position in that your organization has probably satisfied the requirements of the federal people at Farmington, New Mexico. However, under Arizona statute, I must and do insist that you take immediate steps to comply with the provisions of the Arizona statute, including the filing of Notice of Intent to Drill, and Bond for the Federal #1 - X, and Application to Abandon and Plug for the Federal #1, otherwise I shall be forced to take action as provided by law.

Sufficient copies of the above mentioned forms are inclosed for your use.

Your prompt action is expected and appreciated.

Very truly yours,

Obed M. Lassen,  
State Land Commissioner

5-3  
OML:mb  
Encls.  
CERTIFIED MAIL

