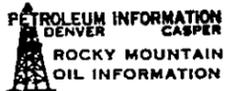


Desert Drilling Company #1 State
NE/4 -NE/4 Sec. 16 -Twp. 7S -R13W

ARIZONA
YUMA CO.
WILDCAT (W):



Twp 7s-13w
Section 16
c/n e/n
660 s/n 660 w/e

OPR: Keoughan Drilling

WELL #: 1 State

ELEV: 428 DF:

*TOPS: Log-Sample

DSTS. & CORES:

DST 3499-3540, 1 hr,
rec 375 MC salt wr,
FP 10-200#. DST 3688-3721,
35 min, rec 125 mud, FP
50-55#, SIP (30 min) 925#
DST 3849-3941, 1 hr, rec
150 GCM, FP 100-110#,
SIP (10 min) 1475#.

SPUD: 9-22-61

COMPL: 5-18-62

TD: 5507

PB:

CSG: 10-3/4" @ 252 w/75

PERF:

PROD. ZONE:

INIT. PROD:
Temporarily abandoned.

CARD WILL BE RE-ISSUED WHEN ADDITIONAL DATA RELEASED.

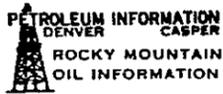
Contr: Own.

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

ARIZ 3-269250

P/N 154 156

ARIZONA
YUMA CO.
WILDCAT (W)



Twp 7s-13w
Section 16
c ne ne
660 s/n 660 w/e
OWDD OTD 5507

OPR: Desert Drilling

WELL #: 1 State

ELEV: 418 Gr

DSTS. & CORES:

SPUD: 9-8-62

COMPL: 3-9-63

TOPS: ~~ENG~~-Sample
Pennsylvanian 6370

DST 5590-5670, 1 1/2 hrs,
rec 1512 OC brackish wtr
FP 100-700#, SIP (1 1/2 hrs)
3000#. DST 5715-93, 1 1/2
hrs, rec 3000 brackish
wtr, FP 200-2700#, SIP
(1 1/2 hrs) 3800#, HP 3870#.
DST 6175-6212, 1 1/2 hrs,
rec 1500 OCW, FP 100-
950#, SIP (1 hr) 2460#,
HP 3320#. Gas show @
6550.

TD: 6770

PB:

CSG:

PERF:

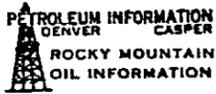
PROD. ZONE:

INIT. PROD: Temporarily abandoned.

Contr: Own

ARIZ 1-366230

ARIZONA
YUMA CO.
WILDCAT (W)



Twp 7s-13w
Section 16
c ne ne
660 s/n 660 w/e

OPR: Keoughan Drilling	WELL #: 1 State
ELEV: 428 DF.	DSTS. & CORES: SPUD: 9-22-61 COMPL: 5-18-62
*TOPS: Log-Sample	rec 375 MC salt wtr, TD: 5507 PB:
	FP 10-200#. DST 3688-3721, CSG: 10-3/4" @ 252 w/75
	35 min, rec 125 mud, FP 50-55#, SIP (30 min) 925#
	DST 3849-3941, 1 hr, rec 150 GCM, FP 100-110#, PERF:
	SIP (10 min) 1475#.
	PROD. ZONE:
	INIT. PROD: Temporarily abandoned.

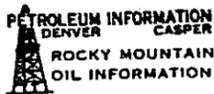
CARD WILL BE RE-ISSUED WHEN ADDITIONAL DATA RELEASED.

Contr: Own.

ARIZ 3-269250

*Fr. Electric Logs on Rocky Mountain Wells—Ask Us!

P/N 156
156
ARIZONA
YUMA CO.
WILDCAT (W)



Twp 7s-13w
Section 16
c ne ne
660 s/n 660 w/e
OWDD O/D 5507

OPR: Desert Drilling	WELL #: 1 State
ELEV: 418 Gr	DSTS. & CORES: SPUD: 9-8-62 COMPL: 3-9-63
TOPS: Log-Sample Pennsylvanian 6370	rec 1512 OC brackish wtr, TD: 677 PB:
	FP 100-700#, SIP (1 1/2 hrs) 3000#. DST 5715-93, 1 1/2 hrs, rec 3000 brackish wtr, FP 200-2700#, SIP (1 1/2 hrs) 3800#, HP 3870#
	DST 6175-6212, 1 1/2 hrs, rec 1500 OCW, FP 100-950#, SIP (1 hr) 2460#, HP 3320#. Gas show @ 6550.
	PROD. ZONE:
	INIT. PROD: Temporarily abandoned.

Contr: Own

ARIZ 1-366230

16-75-13

County Yuma

Area Dateland #1

Lease No. State 5809-1

Well

Name Desert Drilling Company State #1

Center D.H. Roe - Gamma Radiation Surveys Ft. Worth, Tex. - High Pressure Promoter

Location NE NE Sec 16 Twp 7S Range 13W Footage 660 FNL 660 FEL

Elev 410 Gr 418 KB Date 9-6-61 Spud Complete 9-29-65 Total 677

Contractor: Keoghan, Drlg. Company Abandon 1-10-62 Depth 6710

Approx. 1-10-62 in Arkose

Cost \$

Drilled by Rotary X
Cable Tool

Casing Size 10 3/4 Depth 220 Cement 75

Production Horizon

Initial Production D & A

secured by John K. Petty

REMARKS: Have copy of Pan-Am Sample Log 2501-6767 - some gaps.
Well begun by Keoghan Drilling Company & transferred
at depth 5507 driller, 5510' E.L. Roe 3 D. at 6767 1-10-62. Plug
to D.H. Roe. The lease was cancelled 4-27-64 for non-payment of
rent.

Section is sst, congl, siltstone + arkose - mostly arkose 6500-T.

DSTs (over) Note on sample log 6500-6600 - still in Quaternary or Late

Cretaceous fill.

Rlec Run 12-6-61 (LW) 71360-5506'
Log IE log: Aconstiler 233-5510 (5507 Driv)
Applic Plugging Completion
to Plug Record Report

Sample Log
Sample Descript
Sample Set ARIZ Bu Mines
Cores

Water well - accepted by

DSTs (see bottom of
over) sample log.
Phoenix No 1270

Bond Co. & No. Houston Fire & Casualty Company 29808

Bond Am't \$ 10,000 Canceled 10-5-64 Date 10-5-64 Organization Report X

Filing Receipt 2272 dated 9-7-61 Hall Book X Plat Book X

Loc. Plat X Dedication 1/2 NE 1/4 16-75-13

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 Desert Drilling Co Address Desert Drilg. Co. 470 Arizona Adjustment Agency

Federal, State or Indian Lease Number or name of lessor if fee lease state 5809-1 Well Number 1 Field & Reservoir wild-cat

Location 660FNL + 660FEL NE/4 NE/4 Sec 16 T 75-R 13W County YUMA

Sec. TWP-Range or Block & Survey 16-T 75-R 13W.

Date spudded <u>9-6-61</u>	Date total depth reached <u>1-10-62</u>	Date completed, ready to produce <u>Dry.</u>	Elevation (Dr., RKB, RT or Gr.) <u>410</u> feet	Elevation of casing hd. flange <u>411</u> feet
Total depth <u>6710</u>	P.B.T.D. <u>+</u>	Single, dual or triple completion? <u>Dry.</u>	If this is a dual or triple completion, furnish separate report for each completion. <u>Dry.</u>	

Producing interval (s) for this completion _____ Rotary tools used (interval) 0-6710 Cable tools used (interval) _____

Was this well directionally drilled? No Was directional survey made? _____ Was copy of directional survey filed? _____ Date filed _____

Type of electrical or other logs run (check logs filed with the commission) I.E. Log + Acoust. log. Date filed 1-20-62

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>12 1/4</u>	<u>10 3/4</u>	<u>30#</u>	<u>1800'</u>	<u>circulated</u>	<u>None</u>

TUBING RECORD

LINER RECORD

Size in.	Depth set ft.	Packer set at ft.	Size in.	Top ft.	Bottom ft.	Sacks cement	Screen (ft.)

PERFORATION RECORD

ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD

Number per ft.	Size & type	Depth Interval	Amt. & kind of material used	Depth Interval

INITIAL PRODUCTION

Date of first production Dry. Producing method (indicate if flowing, gas lift or pumping—If pumping, show size & type of pump:) Dry.

Date of test	Hrs. tested	Choke size	Oil prod. during test bbls.	Gas prod. during test MCF	Water prod. during test bbls.	Oil gravity ° API (Corr)

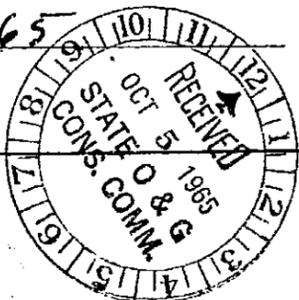
Tubing pressure	Casing pressure	Cal'd rate of Production per 24 hrs.	Oil bbls.	Gas MCF	Water bbls.	Gas-oil ratio

Disposition of gas (state whether vented, used for fuel or sold): _____

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the Agent of the Desert Drilg Co. (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.

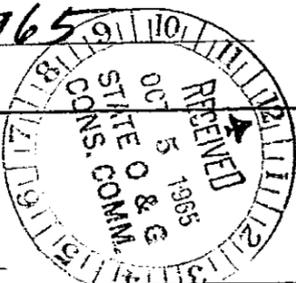
Date Oct 4, 1965

Signature Joe B. Burnett



Permit No. 156

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Well Completion or Recompletion Report and Well Log
Form No. 4 File One Copy

PLUGGING RECORD					
Operator Desert Drilling Co.		Address Desert Drilling Co c/o Arizona Adjustment Agency			
Federal, State, or Indian Lease Number, or lessor's name if fee lease.		Well No. 1	Field & Reservoir Wild Cat		County Yuma
Location of Well NE 1/4 NE 1/4 sec 16 T 75-R 13W		Sec-Twp-Rge or Block & Survey			County
Application to drill this well was filed in name of Desert Drilling Co.	Has this well ever produced oil or gas No	Character of well at completion (initial production): Oil (bbls/day) _____ Gas (MCF/day) _____		Dry? Dry	
Date plugged: 9-27-65	Total depth	Amount well producing when plugged: Oil (bbls/day) _____ Gas (MCF/day) _____		Water (bbls/day) _____	
Name of each formation containing oil or gas. Indicate which formation open to well-bore at time of plugging	Fluid content of each formation	Depth interval of each formation	Size, kind & depth of plugs used. Indicate zones squeeze cemented, giving amount cement		
Well bridged @ 1800 ft. Nothing open below surface pipe @ 1800 ft.	None	—	Cement circulated to surface on surface pipe.		
CASING RECORD					
Size pipe	Put in well (ft.)	Pulled out (ft.)	Left in well (ft.)	Give depth and method of parting casing (shot, ripped, etc.)	Packers and shoes
10 3/4"	1800ft	None	1800ft	—	—
Was well filled with mud-laden fluid, according to regulations? yes.			Indicate deepest formation containing fresh water. None.		
NAMES AND ADDRESSES OF ADJACENT LEASE OPERATORS OR OWNERS OF THE SURFACE					
Name Elmer Fritz	Address Dateland, Ariz.		Direction from this well: owns land on all sides.		
In addition to other information required on this form, if this well was plugged back for use as a fresh water well, give all pertinent details of plugging operations to base of fresh water sand, perforated interval to fresh water sand, name and address of surface owner, and attach letter from surface owner authorizing completion of this well as a water well and agreeing to assume full liability for any subsequent plugging which might be required.					
Use reverse side for additional detail.					
CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the Representative of the Desert Drilling (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.					
Date Sept 29, 1965		Signature Joe B. Barrett			
Permit No. 156		<div style="text-align: center;">  <p>STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION Plugging Record File One Copy</p> </div>			
Form No. 10					



DESERT DRILLING COMPANY #1 STATE well
Site before, during and after plugging, 9-27-65

APPLICATION TO ABANDON AND PLUG

FIELD Wild-Cat OPERATOR Desert Drilling Co. ADDRESS Desert Drilling Co c/o Arizona Adjustment Agency
LEASE 5809-1 WELL NO. 1 COUNTY Yuma
SURVEY _____ SECTION 16 DRILLING PERMIT NO. 156
LOCATION NE/4 NE/4 Sec 16 T 7S - R 13W

TYPE OF WELL Dry Hole TOTAL DEPTH 6710
(Oil, Gas or Dry Hole)
ALLOWABLE (If Assigned) None
LAST PRODUCTION TEST OIL _____ (Bbls.) WATER _____ (Bbls.)
GAS _____ (MCF) DATE OF TEST _____

PRODUCING HORIZON None PRODUCING FROM _____ TO _____

1. COMPLETE CASING RECORD. 10 3/4" csg. 1800 ft. With Cement Circulated to Surface.

2. FULL DETAILS OF PROPOSED PLAN OF WORK 50 ft plug at base of surface pipe 1750-1800'. (Hole bridged at base of surface pipe) ~~date plug~~, 20 ft. plug. in top of surface with regulation Dry Hole Marker in top of surface pipe.

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 As Soon as Approved.
NAME OF PERSON DOING WORK Joe B. Barrett ADDRESS 2211 N 81st way Scottsdale
CORRESPONDENCE SHOULD BE SENT TO same as above.

NAME Joe B. Barrett
TITLE Geologist
John V. Jannerster
STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION

Date Approved Sept. 24, 1965



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

P. O. Box 1
Dateland, Arizona
September 6, 1962

Arizona Oil & Gas Conservation Commission
3500 North Central Avenue
Phoenix 12, Arizona

Attention: Acting Executive Secretary

Dear Madam:

Please be advised that I, D. H. Roe, dba Desert Drilling Company, do accept the operation of the Keoughan Drilling Company No. One State located in Section 16, Township 7S - Range 13W, Yuma County, Arizona.

It is my understanding that my \$10,000.00 blanket bond now in effect with your office will cover this operation so as to be in compliance with the rules and regulations of the Arizona Oil and Gas Conservation Commission.

If any additional information or material is necessary, please advise me at your earliest opportunity.

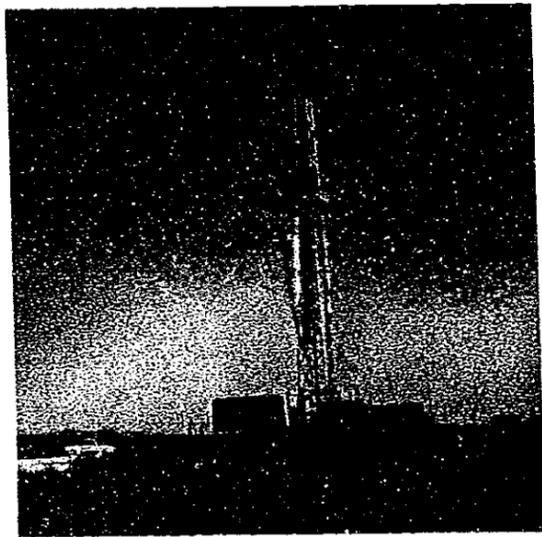
Sincerely yours,

D. H. Roe, dba
DESERT DRILLING COMPANY


D. H. Roe

PAP
325 8541

156



Keoughan Drilling Co. Inc. #1 State Sec 16-
-T7S-R13W Yuma Co. 9 miles NW Dateland
Total Depth 5507 . To begin Drilling in September

Aug. 1962 # 156

OIL AND GAS CONSERVATION COMMISSION
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

Oil and Gas Conservation Commission

Yuma, County Arizona 9-5 19 61

In compliance with Statewide Rule 3, notice is hereby given that it is our intention
to commence the work of drilling well No. 1 State _____ Sec. 16

Twp. 7 South, Rge. 13 West B. & M., Wildcat Field
Yuma County.

Legal description of lease Northeast $\frac{1}{4}$ of Northeast $\frac{1}{4}$ of Section 16 Twp. 7 South
(attach map or plat to scale)
Rge. 13 West

Location of Well: 660 feet from the North line & 660 feet from the East line
(Give exact footage from section corners or other

legal subdivisions or streets)

Proposed drilling depth 7500 feet. Acres in drilling unit 640

Has surety bond been filed? yes. Is location a regular or exception to spacing
rule? Regular

Elevation of ground above sea level 410 feet.

All depth measurements taken from top of _____
(Derrick, floor, Rotary Table or
Kelly Bushing which is 8 feet above the ground.
(Kelly Bushing)

PROPOSED CASING PROGRAM

Size of Casing Inches A. P. I.	Weight	Grade & Type	Top	Bottom	Cementing Depth
<u>10 3/4" OD</u>	<u>32.75</u>	<u>H 40</u>	<u>0</u>		<u>250' of surf csg w/cem cir to surf</u>
<u>5 1/2" OD</u>	<u>15.50</u>	<u>J 55</u>			<u>Through Producing Zone</u>

AFFIDAVIT:

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

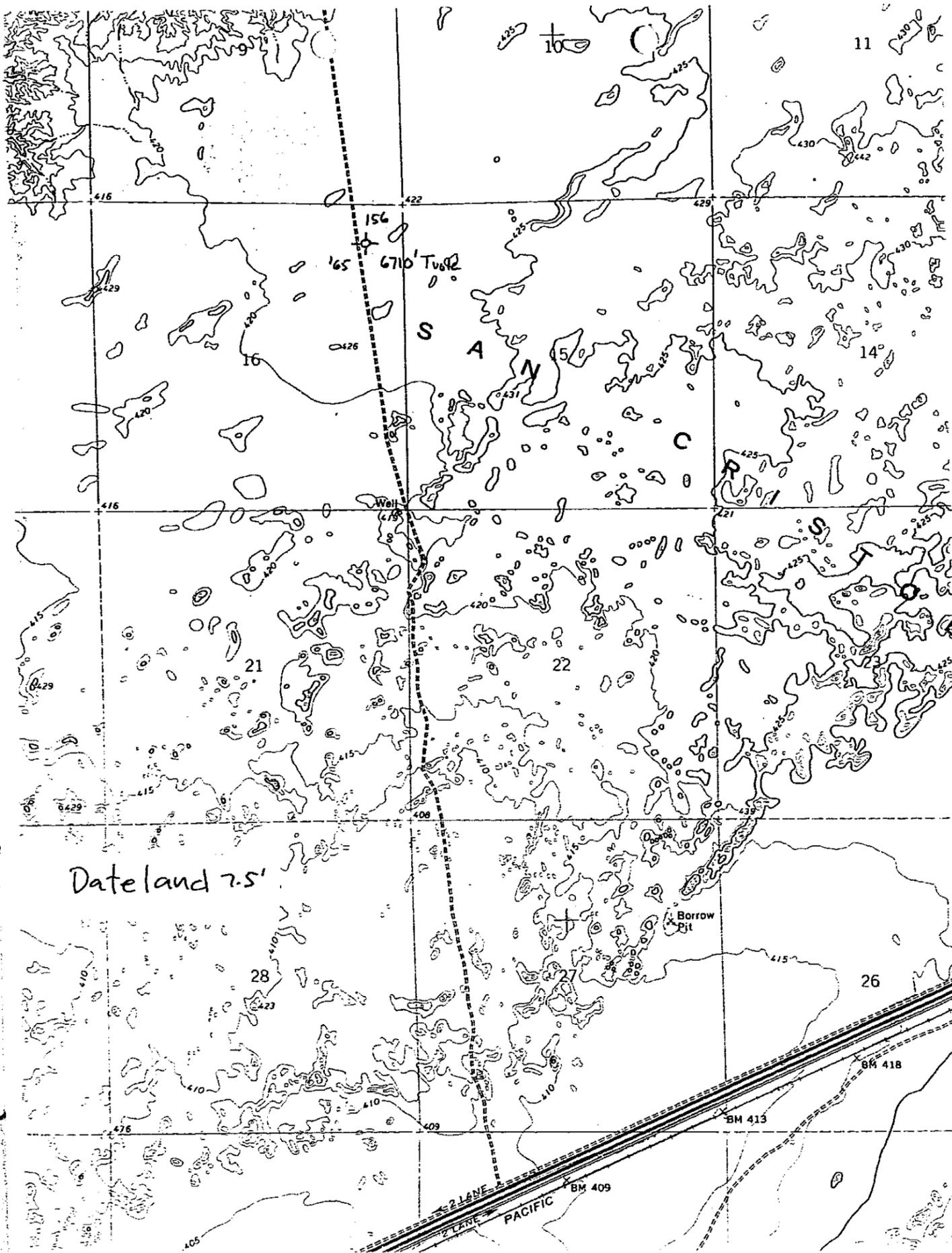
Keoughan Drilling Co., Inc.
(Applicant)

Application approved this 9th day of September 19 61.
Permit No. 156
3-62 1/10/58

* Operator agrees to protect all
fresh water bearing strata encountered.

Frank Ewing
Agent

156



NW CORNER SECTION 10
FOUND 2"x2" WOODEN STAKE
WITH REFERENCE STAKES,
ACCEPTED AS CORNER

NE CORNER SECTION 10,
T. 7 S., R. 13 W., FOUND 2"x2"
WOODEN STAKE WITH
REFERENCE STAKES,
ACCEPTED AS CORNER

NORTH LINE SECTION 10
N 89° 49' 45" W

658.58

N 0° 10' 15" E
658.82

N 45° 09' 35" E
231.55

656.86

660.54
WEST

STAKE WITH
WHITE FLAGGING
PROPOSED WELL SITE
APPROX. ELEV. 418 FT.

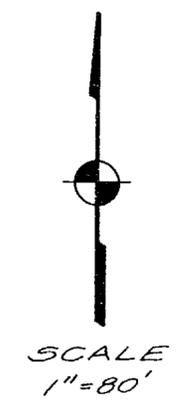
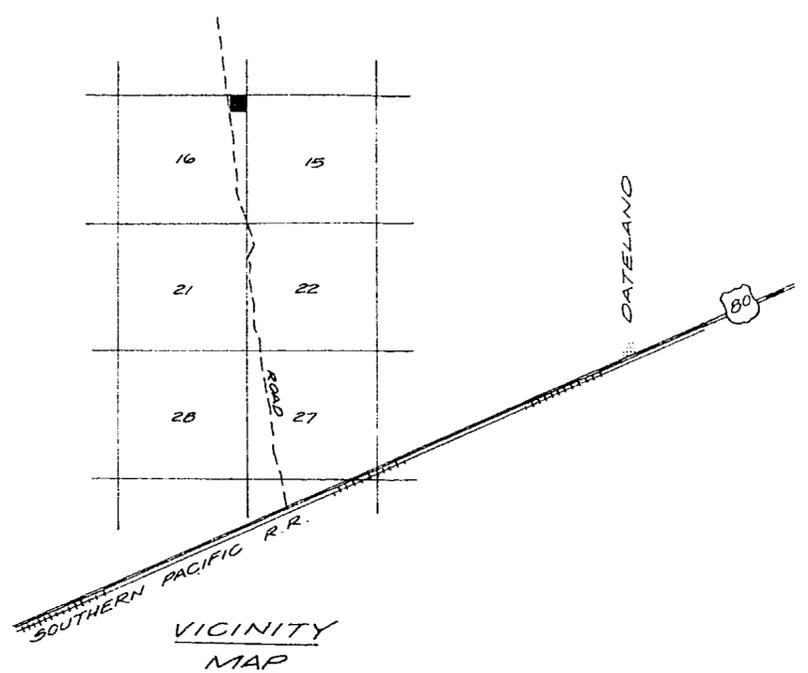
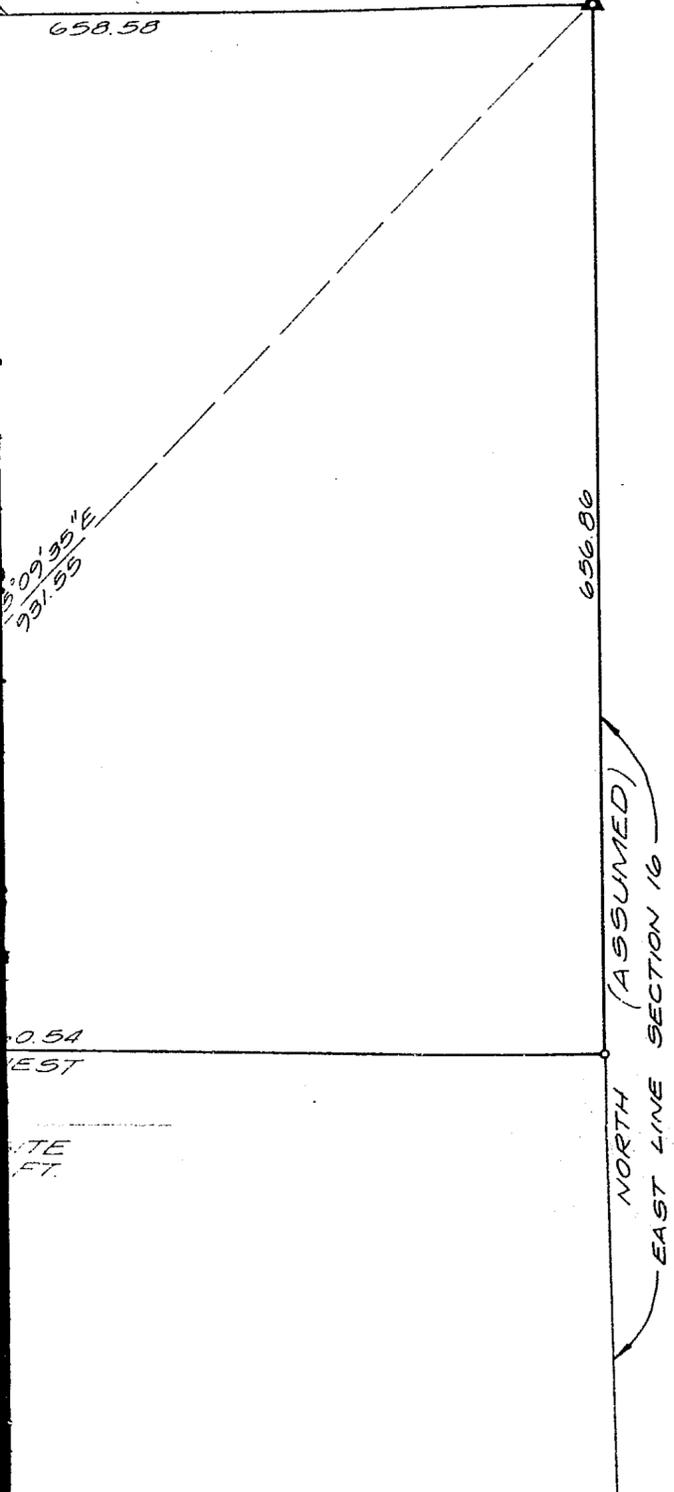
NORTH LINE SECTION 10
(ASSUMED)
EAST LINE SECTION 10

SOUTHERN PACIFIC
VICIN
MAA

SCALE
1" = 60'

This is to be
made from notes of a
survey conducted during the

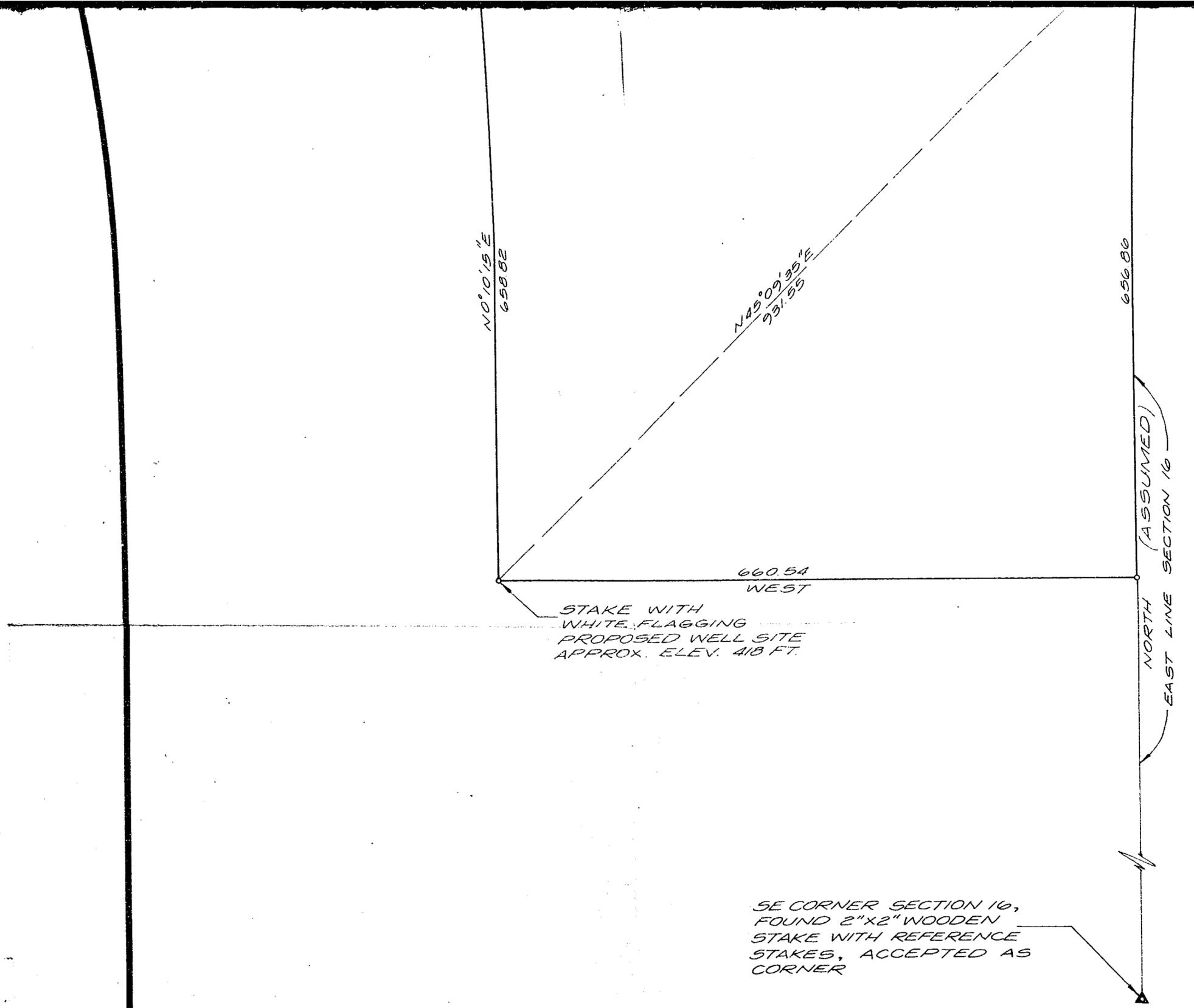
CORNER SECTION 16,
S., R. 13 W., FOUND 2"X2"
WOODEN STAKE WITH
REFERENCE STAKES,
ACCEPTED AS CORNER



156

This is to certify that this map was made from notes of a survey made under my direction during the month of September, 1961, and that such survey is accurately represented on this map.

NE/4 - NW/4 Sec. 16 - Twp. 7S - R. 13W
#1 State



156

This map made from notes in my direction dated 1961, and that is represented on

S. ROBERT

MAP
OF
PROPOSED OIL WELL SITE
LOCATED IN THE NE 1/4 NE 1/4, SECTION 16,
T.7S., R.13W., G.S.R.B.&M., YUMA COUNTY,
ARIZONA

M
III
&

Maddock & Associates
ENGINEERS
PHOENIX
SURVEYORS
TUCSON



Fife Symington
Governor

State of Arizona
Arizona Geological Survey

416 W. Congress, Suite 100
Tucson, Arizona 85701
(520) 770-3500



Larry D. Fellows
Director and State Geologist

February 6, 1996

Memo: Bill Remick, ADWR
From: Steve Rauzi, AZGS
Re: Information on oil test holes in 7 & 8 South, 13 West

I got your note about logs for the referenced wells yesterday. These are attached, but first I should let you know we've moved to 416 West Congress since we talked about the Aman well near Yuma in 1993. The Aman well, as you may know, was transferred to the U.S. Bureau of Reclamation as an observation well.

All of the logs we have in our files for the referenced wells are attached. These include a 1"/100' copy of the Acoustic, Induction Electric, and Sample logs for the Keoughan Drilling 1 State (Desert Drilling) and the sample log and several sample descriptions for the Loftus-Baird 1 Stoval.

Let me know if I may be of further assistance.



Fife Symington
Governor

State of Arizona
Arizona Geological Survey

416 W. Congress, Suite 100
Tucson, Arizona 85701
(520) 770-3500



Larry D. Fellows
Director and State Geologist

December 1, 1995

Ms. Elizabeth Coffman
Dwight's EnergyData, Inc.
4350 Will Rogers Parkway, Suite 101
Oklahoma City, OK 73108

Dear Elizabeth:

The information you requested from our files 9-3, 13-1, 6, 14, 156, 372, 883, and 884 is enclosed. The Ridgeway wells (883 and 884) are still in confidential status. I can say, however, that the 3-1 (884) was drilled about 4 miles south of the Ridgeway/Canstar #1 Plateau Cattle ((880) which was also reported as a CO₂ discovery. Ridgeway has not yet proposed a name for this apparent CO₂ field.

As I have noted before, information in some of the earlier well files is sometimes quite meager.

Let me know if I may be of further assistance.

Sincerely,

Steven L. Rauzi
Oil & Gas Program Administrator

Enclosures



OFFICE OF
Oil and Gas Conservation Commission

STATE OF ARIZONA
4515 NORTH 7TH AVE.
PHOENIX, ARIZONA 85013
PHONE: (602) 271-5161

March 12, 1973

Mr. Ted Strickland
Rocky Mountain Well Log Service Co.
1753 Champa Street
Denver, Colorado 80202

Re: Republic Mineral Corp.
Navajo - E2X/File #571
19-36N-30E - Apache County

R. Y. Walker
#1 Navajo/File #574
20-36N-18E-Navajo County

Kerr-McGee Corp.
#1-"C" Navajo/File #484
33-36N-30E - Apache County

Desert Drilling Co. (Keoughan Drlg./Co.)
#1 State/File #150
16-7S-13W - Yuma County

Dear Mr. Strickland:

We are forwarding, on loan, the following logs that you have requested on the above referenced wells:

Republic Minerals Corp. -	Compensated Formation Density Log Induction - Electrical Log
Kerr-McGee Corp. -	Induction - Electrical Log Borehole Compensated Sonic Log - Gamma Ray
R. Y. Walker -	Caliper Log Induction-Electrical Log Gamma Ray-Neutron
Desert Drilling Co. - (Keoughan Drlg. Co.)	Two Acoustilog Logs Induction Electrolog

The logs on the two Humble Oil & Refining Wells you requested are confidential until September 13, 1973.

It will be appreciated if you will return these logs as quickly as possible.

Very truly yours,


W. E. Allen, Director
Enforcement Section

WEA/rlb

Rocky Mountain Well Log Service Co.

1753 Champa Street

266-0588 Area Code 303

DENVER, COLORADO

80202

BOB ANDREWS, Division Manager



March 8, 1973

CASPER, WYOMING
BOB FITZGERALD
PETR. BLDG. ARCADE
PHONE 234-6921

Arizona Oil & Gas Conservation Commission

Atn: W. E. Allen
4515 North 7th Ave
Phoenix, Arizona 85013

MIDLAND, TEXAS
DAVID CLARK
105 WEST WALL
PHONE 682-0991

Gentlemen:

May we please borrow the following logs from you?

Republic Mineral Corp.
Navajo - E2X
19-36N-30E

Kerr-McGee Corp.
#1-"C" Navajo
33-36N-30E

Humble O & R
#1-14 State
25-38-11W

R. Y. Walker
#1 Navajo
20-36N-18E

Humble O & R
#1-74 State
2-8S-8E

Keoughan Drlg. Co.
#1 State
16-7S-13W

Please find enclosed a postage-paid, self-addressed envelope for your convenience.

Thank you for your cooperation in advance.

Sincerely,

Ted Strickland
Ted Strickland

TLS:ck

RECEIVED

MAR 12 1973

O & G CONS. COMM.

October 5, 1965

Arizona Adjustment Agency
222 West Osborn Road
Phoenix, Arizona 85013

Attention: Mr. H.T. Trippel

Re: Houghton Fire & Casualty Insurance Co. Bond 29808
Your File PSI-488-T

Desert Drilling Co. #1 State well
NE/4SE/4 16-7S-13W, Yuma County, Arizona
Our File 156

Desert Drilling Co. #1 State well
NW/4SW/4 32-19N-29E, Apache County
Our File 195

Gentlemen:

Receipt of your letter of October 4, 1965 is acknowledged.

Captioned wells have been plugged in compliance with our Rules and Regulations and all necessary reports have been filed.

This letter will constitute authority from this Commission to release captioned bond.

Your cooperation is very much appreciated, and if this office ever may be of help to you, please let us know.

Yours very truly,

John Bannister
Executive Secretary
WB

cc: Houghton Fire & Casualty Insurance Co.
2289 E. Main Street
Fort Worth 2, Texas

CO-OWNERS
G. F. HUNTER
F. L. HUNTER
W. E. BAUMAN, JR.

MEMBER
AFFILIATED ADJUSTERS, INC.

ARIZONA ADJUSTMENT AGENCY

General Insurance Adjusters



State Wide Service Since 1929

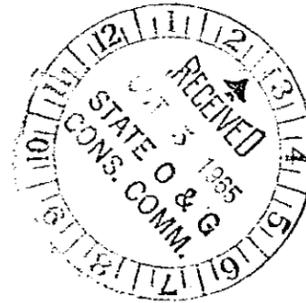
ADDRESS REPLY TO

222 West Osborn Road
Phoenix, Arizona 85013

Mr. John Bannister, Executive Secretary
Oil & Gas Conservation Commission
State of Arizona
1624 West Adams - Suite 202
Phoenix, Arizona 85007

October 4, 1965

Re: Bond #29808
D. H. Roe dba Desert Drilling Company
Our File P81-488-T
Desert Drilling Co. #1 State well
NE/4NE/4 16-T7S-R13W, Yuma County, Arizona
Your File 156



Desert Drilling Co. #1 State well
NW/4NW/4 32-T19-N-R29M, Apache County, Arizona
Your File 195

Dear Mr. Bannister:

We are informed by Mr. Joe B. Barrett that he has completed the plugging of the well in Yuma County, as well as cleaning up the site as you desired.

Mr. Barrett previously plugged the well in Apache County, to which you gave your approval on August 24, 1965.

Since this now takes care of the plugging of both wells which involved Mr. Roe, we would appreciate your releasing the bond and forwarding same to us so that we may return it to the Houston Fire and Casualty Insurance Company.

We thank you for your cooperation in this matter and extend our personal regards.

Yours very truly,

H. T. Trippel, Adjuster

HTT:Q.

cc: Houston Fire and Casualty Insurance Company

HOME OFFICE:
222 WEST OSBORN ROAD
PHOENIX, 85013
TEL. 264-2471 - A/C 602

BRANCH OFFICE:
3956 EAST PIMA
TUCSON, 85715
TEL. 327-4933 - A/C 602

BRANCH OFFICE:
P. O. BOX 792
FLAGSTAFF, 86002
TEL. 774-2713 - A/C 602

RESIDENT ADJUSTER:
P. O. DRAWER 490
SHOW LOW, 85901
TEL. 537-2563 - A/C 602

CORRESPONDENT:
APPROVED ADJUSTERS
P. O. BOX 1586 - YUMA
TEL. 783-8309 - A/C 602

July 28, 1965

Re: Desert Drilling #1 State well
NW/4NW/4 32-19N, Apache County
Permit 195

Desert Drilling #1 State well
NE/4NE/4 16-7S-13W, Yuma County
Permit 156

On this date Mr. H.T. Trippel of Arizona Adjustment Agency contacted this office on behalf of Houston Fire & Casualty Insurance Co. in regard to plugging captioned wells. Houston Fire and Casualty Insurance Co. is the surety on Bond 29808.

Mr. Trippel will probably secure the services of Mr. James R. Pickett or Mr. Joe H. Barrett to plug these two wells.

Necessary reports will be filed upon completion of the work.

July 9, 1965

Houston Fire & Casualty Insurance Co.
2209 S. Main Street
Fort Worth 1, Texas

Re: Your bond 17848

Desert Drilling Co. #1 State well
MH/44E/4 16-173-B13W, Yuma County, Arizona
Our file 158

Desert Drilling Co. #1 State well
MH/44E/4 12-177a-B79E, Apache County, Arizona
Our file 175

Gentlemen:

As you are aware, we contacted you by letter on June 11, 1965 and on June 19, 1965 concerning the captioned wells and your liability under captioned bond.

To date we have received no acknowledgment from you, nor have we been advised as to your plans concerning our ordered plugging of these wells.

It is the desire of this Commission to cooperate with you in all possible manner. However, if we fail to hear from you within a reasonable period from the receipt of this letter, we have no alternative but to request the action of our Attorney General to secure the plugging of these wells.

May we please hear from you at your earliest convenience.

Yours very truly,

John S. Smithey
Executive Secretary

cc: Attorney General

C
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P
Y

June 29, 1965

Houston Fire & Casualty Insurance Co.
2209 S. Main Street
Forth Worth 2, Texas

Re: Your Bond 29808

Desert Drilling Co. #1 State well
NE/4NE/4 16-T7S-R13W, Yuma County, Arizona
Our File 156

Desert Drilling Co. #1 State well
NW/4NW/4 S32-T19N-R29E, Apache County, Arizona
Our File 195

Gentlemen:

By letter of June 11, 1965, a copy of which is enclosed, this Commission ordered that captioned wells be plugged and a plugging program was outlined.

May we hear from you at your earliest convenience as to the current status of the plugging operations.

Very truly yours,

John Bannister
Executive Secretary
BT

June 11, 1965

Houston Fire & Casualty Insurance Co.
2209 S. Main Street
Fort Worth 2, Texas

Re: Your Bond 29808

Desert Drilling Co. #1 State well
NE/4NE/4 16-T7S-R13W, Yuma County, Arizona
Our File 156

Desert Drilling Co. #1 State well
NW/4NW/4 S32-T19N-R29E, Apache County, Arizona
Our File 195

The captioned bond was issued to cover the drilling operations for the captioned wells.

Inasmuch as these wells have not been completed in accordance with our Rules and Regulations, we order that these wells be plugged as indicated below. At such time as this work has been done to the satisfaction of this Commission your bond may be terminated.

As to the well located in the NE/4NE/4 16-T7S-R13W, our File 156, this well was commenced on or about September 6, 1961 and carried to a total depth of 6710⁺ feet. A cement plug must be set from the interval 680-580 feet, and a 20-foot surface plug must be set.

A piece of 4-inch pipe must be set in the surface cement, which pipe must protrude a minimum of four feet above the surface of the earth and contain the following information welded to the pipe:

- (a) Name of well
- (b) Quarter-quarter location
- (c) Permit number (156)

156

Houston Fire & Casualty Insurance Co.

June 15, 1965
Page 2

As to the well located in the NW/4NW/4 32-T19N-R29E, our file 195, this well was commenced on or about June 30, 1962 and carried to a total depth of approximately 2660 feet. Since this well has been standing for such a long time, it probably will not have currently the total depth indicated.

Consequently a 10-foot cement plug should be set at the lowest obtainable depth. A bridge plug should be set just below the Coconino formation, estimated at 1200 feet, and the entire Coconino formation cemented to an estimated depth of 600 feet. It is the intention that the entire Coconino formation be cemented off.

Should any fresh water be encountered above the Coconino formation, a cement plug must be set through same, commencing at least 10 feet below and ending at least 10 feet above said water formations.

A 20-foot surface plug and marker, as outline above must be set.

It is possible that casing may have been set on this well to a possible depth of 1600 feet. If this is so a new plugging program taking advantage of this casing may be arranged with us.

Upon completion of these plugging programs, a Plugging Record, and a Well Completion Report, must be filed with this Commission as evidence of the completion of the outlined programs. In addition, any logs or other information which are obtainable must be filed.

These plugging programs should be conducted as soon as feasibly possible. Should you have any questions concerning this order of the Commission, will you please advise. We will be glad to help you in all possible ways.

Yours very truly,

John Bannister
Executive Secretary
nr

cc: Attorney General, State of Arizona

154



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
P. O. Box 1488
Yuma, Arizona

IN REPLY REFER TO:

REGISTERED

December 10, 1964

Mr. John Bannister, Executive Sec'y.
Ariz. Oil & Gas Conservation Commission
1624 West Adams
Phoenix, Arizona

Dear John:

Thanks for the loan of the attached Induction Electrolog
and Acoustilog for Desert Drilling Co. State #1, Yuma
County.

Some cuttings for the well are at the Arizona Bureau of
Mines, Tucson. These are for the following intervals:
1300-2400, 5000-5750, and 5760-6760.

Your cooperation is appreciated.

Sincerely,

Donald G. Metzger
Geologist

dgm:arg
Attachment

DKP
Desert of Yuma
#1 State



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
P. O. Box 1488
Yuma, Arizona

IN REPLY REFER TO:



July 14, 1964

Mr. John Petty
Arizona Oil & Gas Conservation Comm.
Phoenix, Arizona

Dear Mr. Petty:

Reference is made to an oil test drilled in the NE 1/4 NE 1/4 sec. 16, T. 7S., R. 13 W. The well was drilled to a depth of 5,507 feet from September 1961 to January 1962. The well was deepened to 6,774 feet in October 1962.

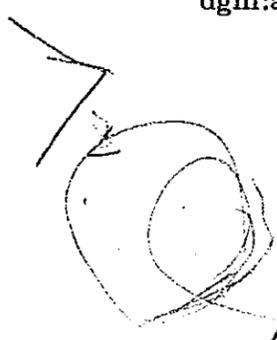
As a part of our investigation of the water resources of the Lower Colorado River, we have attempted to collect available data in deep wells. If you have a drillers log and an electric log on the test, we would appreciate receiving copies if they can be made available to us. Also, if cuttings were collected, where are they stored?

Sincerely,

Donald G. Metzger
Donald G. Metzger
Geologist

(Yuma North to Yuma.)

dgm:arg



J. K. P. checked with D. G. Metzger on phone in reply.

156

XXXXXXXXXXXXX
XXXXXX

July 1, 1964

Houston Fire and Casualty Insurance Company
Post Office Box 1869
Fort Worth, Texas 76101

Attention: Stella L. Mitchell, Manager

Re: Bond No. 29808
Desert Drilling Company

Desert Drilling Company #1 State, NE/4 NE/4, Section 16 -
T 7 S - R 13 W, Yuma County, Arizona, Our file No. 156

Desert Drilling Company #1 State, NW/4 NW/4, Section 32 -
T 19 N - R 29 E, Apache County, Arizona, Our file No. 195

Gentlemen:

In reply to your letter of June 18, 1964, concerning the captioned bond, please be advised that this bond may not be released at this time. The captioned wells have not been plugged and abandoned in accordance with our regulations; however a new lease has been let to Mr. Bill Wilson of 3030 North 7th Street, Suite 103, Phoenix, Arizona, on the Yuma County well and Mr. Wilson is considering re-entering this well at some time in the future. In the event this does happen, at such time as Mr. Wilson puts up a bond for his operations, then your bond may be released providing the Apache County well has been properly plugged and abandoned. In the event that Mr. Wilson does not re-enter the hole, it will be necessary for this well to be plugged and abandoned under Bond No. 29808. Of course the well in Apache County must also be properly plugged and abandoned.

If we may be of any further help, will you please advise.

Yours very truly,

John Bannister
Executive Secretary

JB:mkc

15-6



Houston Fire and Casualty Insurance Company

POST OFFICE BOX 1889
FORT WORTH 1, TEXAS 76101

June 18, 1964

Oil & Gas Conservation Commission
State Capitol Building
Phoenix, Arizona

Re: Blanket Drilling & Plugging Bond
#29808
D. H. Roe, d/b/a
Desert Drilling Company
5729 Camp Bowie Blvd.
Fort Worth, Texas

Gentlemen:

On the 25th of June, 1962, we executed the above bond in the sum of \$10,000 to cover land situated in Apache and Yuma Counties and elsewhere in the State of Arizona.

In accordance with the terms of the said bond, will you please relieve us from future liability under our bond. Thank you.

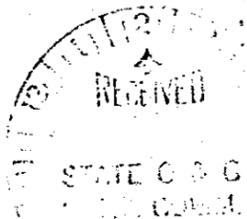
Yours very truly,

BOND-BURGLARY-GLASS DEPARTMENT

Stella L. Mitchell

Stella L. Mitchell
Manager

SIM/mh
cc: Marshall H. Kennedy & Associates
906 Dan Waggoner Bldg.
Fort Worth 2, Texas



15-64

195



PIPE & SUPPLY COMPANY

DISTRIBUTORS OF STEEL PIPE AND SUPPLIES

Address correspondence to:
P. O. Box 10198
McKellar Station
Memphis 6, Tennessee

Telephone WHitwell 8-7721

January 30, 1964

Office and Warehouse:
1224 Channel Avenue
President's Island
Memphis, Tennessee

1598 Bonnie Drive
Memphis 16, Tenn.

Air Mail

Mr. John K. Petty
Acting Executive Secretary
Oil and Gas Conservation Commission
State of Arizona
1624 West Adams
Phoenix 7, Arizona

Dear Mr. Petty:

I received your letter dated January 21, 1964 and was certainly glad to hear from you. I will do my best to answer your questions.

1. Desert Drilling Company #1 State, NW NW Section
32-T19N-R29E, Apache County, Arizona

I hold an undivided three-fourths interest and D. H. Roe an undivided one-fourth interest (non-competitive oil and gas lease). Yes, the well has a welded cap on casing. Mr. Harry McAuley capped the well at my request so as to prevent junk or other objects from falling into the hole. If my memory serves me right, we have over 100 ft. of 12-1/2" casing, 140 ft. of 10", 800 ft. of 8" and 1,620 ft. of 2", so you see we are trying to save casing and hole.

As of this date Mr. Harry McAuley, whom you met when he was drilling the well to its present depth, and Mr. Ed Henderson are out in Arizona now looking at the well with the idea in mind of Mr. Henderson carrying the hole on down another five or six hundred feet. I understand Mr. Henderson has three well drilling rigs and some oil production in Texas and is also drilling in New Mexico now.

I requested that Harry and Mr. Henderson visit you at your office after they have looked the well over, with the idea that you could furnish Mr. Henderson with the latest information that you have in that area.



~~XXXXXXXXXXXX~~

January 21, 1964

Mr. W. E. Weaver
2156 Scottie Avenue
Memphis, Tennessee

- Re: 1. Desert Drilling Company #1 State, NW NW Section 32-T19N-R29E,
Apache County, Arizona
2. Desert Drilling Company #1 State, Section 16-T7S-R13W, Yuma
County, Arizona

Dear Mr. Weaver:

The #1 in Apache County has a welded cap on casing; however we must have a letter as soon as is convenient stating what you would like to do in regard to this project.

We understand the circumstances of the cessation of this project; and since it is believed you will find the Coconino sandstone at 2100-2200 feet, we would of course like to see the project drilled into this possible helium pay sand.

The #1 in Yuma County has had the rig moved off location, and the casing only has half a drum loosely hung over it to prevent junk from falling in the hole.

Since this project is at a reported total depth of 6767 feet, it presents a problem if left open for any length of time. Of course we as well as you would like to see the hole deepened. Please let us hear from you what you wish to do in regard to this project.

Mr. Weaver, I'm writing you because we have conversed a few times and I know you wish both projects well. Consequently, please take hold of the situation and I believe D. H. Roe will be grateful when he is in a position to do so.

I am hoping for a favorable solution to both situations for it is believed both projects could be drilled deeper to possible advantage.

Hoping to hear from you soon and that you'll have the best New Year you've ever had, I am,

Sincerely,

John K. Petty
Acting Executive Secretary

JKP:mkc

July 9, 1963

Mr. D. H. Roe
P. O. Box 12313
Fort Worth 16, Texas

Re: Desert Drilling Co. No. 1 State - Sec. 16,
T 7 S, R 13 W, Yuma County, Arizona

Dear Mr. Roe:

This commission issued its permit number 156, dated September 9, 1961, to Keoughan Drilling Company, Inc. covering the captioned well, which you assumed on September 6, 1962.

One of this commission's rules (#202-B) states that when operations on a well have been suspended for sixty (60) days the well shall be plugged unless written permission for temporary abandonment shall be obtained.

It is indicated that your operation has been suspended in excess of sixty (60) days. To comply with the rules of this commission, if you desire to continue the shut down condition of your well, please request permission for temporary relief. If this request is not made, we shall be compelled to insist that the well be plugged and abandoned.

Yours very truly,

N. A. Ludewick
Executive Secretary

September 21, 1962

Mr. H. J. Keoughan
P. O. Box 1
Dateland, Arizona

Re: Keoughan Drilling Co. No. 1 State - Section 16,
T 7 S, R 13 W, Yuma County, Arizona

Dear Mr. Keoughan:

Since Mr. D. H. Roe, dba Desert Drilling Company, has assumed responsibility of the above described well and he has a \$10,000 blanket bond to cover the drilling of any number of wells in Arizona, we are happy to release you from your cash bond deposited with this agency in September, 1961.

Enclosed is State Warrant No. 11485 in the amount of \$2,500 which is the refund of the above mentioned cash bond.

Yours very truly,

Helen M. Eremie
Acting Executive Secretary

enc 1

September 6, 1962

Arizona Oil & Gas Conservation Commission
3500 North Central Avenue
Phoenix 12, Arizona

Attention: Acting Executive Secretary

Dear Madam:

Please be advised that I intend to transfer the operation of the Keoughan Drilling Company No. One State located in Section 16, Township 7S - Range 13W, Yuma County, Arizona to D. H. Roe of Ft. Worth, Texas dba Desert Drilling Company.

It is my understanding that as soon as Mr. Roe accepts transfer of said operation, which is subject to the approval of the Oil and Gas Conservation Commission, my cash performance bond in the amount of Twenty Five Hundred Dollars (\$2,500.00) will be released to me at an early date. Enclosed is claim voucher for same.

I hereby request that you forward said bond to me at my below listed address.

Sincerely yours,

KEOUGHAN DRILLING COMPANY

By: *M. J. Keoughan*

M. J. Keoughan
P. O. Box 1
Dateland, Arizona

156

KEOUGHAN DRILLING CO., INC.

6100 CAMP BOWIE BLVD. • PHONE PE 7-6002

P. O. BOX 9368

FORT WORTH 7, TEXAS

May 1, 1962

Mr. Don Jerome
Oil & Gas Conservation Commission
State of Arizona
3500 N. Central Ave.
Phoenix, Arizona

Dear Mr. Jerome:

In regard to our operation in Yuma County, Arizona, known as the State #1 well, it is our intention to resume operations as soon as it is convenient for us and to drill the well to approximately 7500 feet or production.

We are presently drilling in south Louisiana and are using the superintendent there that we had on the well in Arizona.

As soon as we are able to transfer him back to Arizona, we plan to start drilling again.

Yours very truly
Keoughan Drilling Co., Inc.

M. J. Keoughan Jr.
M. J. Keoughan Jr.

September 18, 1961

Mr. Frank Ewing, Agent
Keoughan Drilling Company, Inc.
Suite 205 - 3500 North Central Avenue
Phoenix 12, Arizona

Re: Keoughan Drilling Co., Inc. #1-State
Section 16, T 7 S, R 13 W, Yuma County

Dear Sir:

Enclosed are two executed copies of the Notice of Intention to Drill New Well for yours and your principal's files.

We are also enclosing receipts in the amount of \$25 for the permit fee and \$2,500 for the Cashier's Check deposited with this Commission in lieu of a surety bond in like amount.

Needless to say, we wish you the greatest of successes in this venture and hope for many more.

Yours very truly,

Brooks Pierce
Petroleum Geologist

hme
encs 4

September 8, 1961

The Honorable J. W. Kelly
State Treasurer
107 Senate Wing - State Capitol
Phoenix 7, Arizona

Re: Keoughan Drilling Company, Inc.

Dear Mr. Kelly:

Further to our conversation of this day regarding the above captioned firm, I wish to advise you as follows:

Under A.R.S. 27-516, there is a provision for requiring a reasonable bond which said bond must accompany a notice of intention to drill before said notice of intention to drill is approved.

Keoughan Drilling Company, Inc., in lieu of a bond, has deposited with us Cashier's Check No. 46296 drawn on the First National Bank of Fort Worth, dated September 6, 1961, payable to the order of the State of Arizona Oil and Gas Conservation Commission.

We should like for you to tender this check for payment and, after the same has been paid, to maintain the funds in some type of suspense account in order that these funds may be returned upon compliance by said Keoughan Drilling Company, Inc. with our rules, regulations and statutes concerning the plugging and abandoning of a well they are permitted to drill in Yuma County, Arizona.

Our experience has been that these bonds remain in our possession for considerable lengths of time, usually in excess of one year. We cannot state whether this will be the case in this situation, but as a suggestion,

- 2 -

consideration might be given to having this money earn some interest. As I have stated, this is purely a suggestion. Whatever you do with the funds, we are positive they will be handled in the proper manner.

If we can be of any help or assistance in this matter, kindly feel free to call upon us.

Yours very truly,

D. A. Jesome
Executive Secretary

encs 2

September 7, 1961

Keoughan Drilling Co., Inc.
P. O. Box 12246
Fort Worth, Texas

Gentlemen:

Wish to take this opportunity to welcome you to Arizona and hope that your drilling venture in Yuma County, Arizona will be the first of many wells that you will drill in our State.

We feel that your local agent, Frank Ewing, is an excellent choice and our past experience with this individual has been extremely good.

One of our most influential legislators is Senator Harold Giss of Yuma, and should your tool pusher or any other personnel need any help in and around Yuma, kindly feel free to call upon Senator Giss. He has a store in Yuma called the Emporium, and I am sure that he will attempt to be most helpful to whatever extent he is able under the circumstances.

If there is any phase of operation in this State about which you are concerned, do not hesitate to call upon us for help or clarification. As a former resident of Fort Worth and as a former Sinclair Exploratory Manager of the Fort Worth Division, I can assure you that any problem that may arise will be handled here by competent oil personnel.

Yours very truly,

D. A. Jerome
Executive Secretary