

P-W

Teil Dev. Co. 1 Kruglich-Fletcher-State  
N<sup>1</sup>/<sub>4</sub>-S<sup>1</sup>/<sub>4</sub> Sec 22-19N-26E  
Apache County

143

COUNTY Apache AREA Pinta LEASE NO. State 5454

WELL NAME Teil Development Company, Kruglich-Fletcher, State

LOCATION NE SE SEC 22 TWP 19N RANGE 26E FOOTAGE 1720 FSL 1010 FEL

ELEV 5802 GR KB SPUD DATE 3-21-61 STATUS PSA TOTAL  
5640 Com. Rpt. 5715+ GL from USGS 7 1/2' Quad per CED COMP. DATE 2-28-62 DEPTH 760'

CONTRACTOR C. T. Henderson

CASING SIZE	DEPTH	CEMENT	LINER SIZE & DEPTH	DRILLED BY ROTARY
<u>10 3/4</u>	<u>129.6</u>	<u>20 sx</u>	<u>NA</u>	DRILLED BY CABLE TOOL <u>x</u>
<u>4 1/2</u>	<u>760</u>	<u>100 sx</u>		PRODUCTIVE RESERVOIR _____

INITIAL PRODUCTION IPF 310 MCF  
from Shinarump. Shut-in helium well  
at Pinta Dome (on 1 hr. test)

FORMATION TOPS	DEPTHS	SOURCE		REMARKS
		L.L.	E.L.	
<u>Moenkopi</u>	<u>752'</u>		<u>x</u>	<u>762' SI was J &amp; A 9-21-61, washed over 4 1/2" casing, rec. swb, bailed and swb started flowing, 22,000 ICF, Est. 51% helium. Water level 400' btm. Hole full load water. SI Court Action</u>

C. T. Henderson reports elevation at 5729' GR.

ELECTRIC LOGS	PERFORATED INTERVALS	PROD. INTERVALS	SAMPLE LOG <u>x</u>
<u>Electric</u>	<u>jets at 744' 746' 748'</u>		SAMPLE DESCRP. _____ SAMPLE NO. <u>T 1694 P 1257</u> CORE ANALYSIS _____ DSTs _____

REMARKS O. W. W. O. Lease 9622 covering S/2 22-19N-26E held by Hartman APP. TO PLUG x  
Roxbury Expires 5-16-70. acquired by C. T. Henderson. Lease 5454 PLUGGING REP. x  
held by R. L. Fletcher expired 5-17-65. NOTE: Brooks Peirce places COMP. REPORT x  
location 1625' FS & 606' FE.

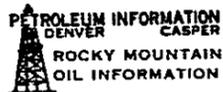
WATER WELL ACCEPTED BY \_\_\_\_\_

BOND CO. Hartford Accident & Indemnity Co. BOND NO. 314-7714  
DATE \_\_\_\_\_  
BOND AMT. \$ 2500 CANCELLED 2-1-66 ORGANIZATION REPORT x  
FILING RECEIPT 9258 LOC. PLAT x WELL BOOK x PLAT BOOK x  
API NO. 02-001-60016 DATE ISSUED 2-16-61 DEDICATION All

PERMIT NUMBER 143

(over)

ARIZONA 143  
APACHE CO.  
WILDCAT (W)



Twp 19n-26e  
Section 22  
ne se  
1720 n/s 1010 w/e

OPR: Teil Development

WELL #: 1 State

ELEV: 5805 DF

DSTS. & CORES:

SPUD: 4-6-61

COMPL: 7-10-61

\*TOPS: ~~EM~~ Sample

TD: 763

PB:

Moenkopi 752

No cores or tests.

CSG: 10-3/4" @ 50  
4 1/2" @ 760 w/100

PERF: 744, 746 & 748 w/abrasijet  
cut; sd wtr fract; struck swab.

BROD. ZONE:

INIT. PROD: Temp abnd

## 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 <b>Teil Development Co.</b>		Address <b>516 W. Kaler Dr. Phoenix, Arizona</b>	
Federal, State or Indian Lease Number or name of lessor if fee lease <b>State 5454</b>		Well Number <b>1</b>	Field & Reservoir <b>S. Pinta Dome</b>
Location <b>NE/4 SE/4 Sec. 22 T19N R26E</b>		County <b>Apache</b>	
Sec. TWP-Range or Block & Survey			

Date spudded <b>3/21/61</b>	Date total depth reached <del>5/23/61</del>	Date completed, ready to produce <b>2/28/62</b>	Elevation (DF, RKB, RT or Gr.) <b>5640</b> feet	Elevation of casing hd. flange <b>5641</b> feet
Total depth <b>760 Ft.</b>	P.B.T.D.	Single, dual or triple completion? <b>Single</b>	If this is a dual or triple completion, furnish separate report for each completion.	
Producing interval (s) for this completion		Rotary tools used (interval)	Cable tools used (interval)	
Was this well directionally drilled?	Was directional survey made?	Was copy of directional survey filed?	Total depth Date filed	
<b>no</b>	<b>no</b>	<b>no</b>		
Type of electrical or other logs run (check logs filed with the completion)			Date filed	
<b>Electric</b>				

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	12"	10 3/4	34	129.6'	20	none
Producing	8"	4 1/2	9.5	760'	100	none

TUBING RECORD

LINER RECORD

Size	Depth set	Packer set at	Size	Top	Bottom	Sacks cement	Screen (ft.)
<b>2 3/8 in.</b>	<b>752 ft.</b>		<b>in.</b>	<b>ft.</b>	<b>ft.</b>		

PERFORATION RECORD

ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD

Number per ft.	Size & type	Depth Interval	Amt. & kind of material used	Depth Interval
<b>1</b>	<b>3 jets at</b>	<b>744', 746' &amp; 748'</b>	<b>20,000# 20/40 mesh sand</b>	<b>at 744', 746' and 748'</b>

INITIAL PRODUCTION

Date of first production <b>Shut in except for tests</b>		Producing method (indicate if flowing, gas lift or pumping—if pumping, show size & type of pump): <b>Flowing</b>					
Date of test	Hrs. tested	Choke size	Oil prod. during test	Gas prod. during test	Water prod. during test	Oil gravity	
<b>1-29-62</b>	<b>1</b>	<b>2"</b>	<b>bbls.</b>	<b>MCF</b>	<b>bbls.</b>	<b>* API (Corr)</b>	
Tubing pressure	Casing pressure	Cal'ed rate of Production per 24 hrs.	Oil	Gas	Water	Gas-oil ratio	
	<b>97.4</b>		<b>bbls.</b>	<b>310 MCF</b>	<b>bbls.</b>		

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 President of the Teil Development 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.

**1-31-66**  
Date

*E. J. Packwood*  
Signature

Permit No. **143**

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



APPLICATION TO ABANDON AND PLUG

FIELD South Pinta Dome  
 OPERATOR Teil Development Co. ADDRESS 516 W. Kaler Drive Phoenix, Ariz.  
Federal, State, or Indian Lease Number  
 or Lessor's Name if Fee Lease State Lease 5454 WELL NO. 1  
 SURVEY \_\_\_\_\_ SECTION 22 19N 26 E COUNTY Apache  
 LOCATION NE/4 SE/4 Sec. 22 T19N R26E

TYPE OF WELL Helium Gas TOTAL DEPTH 760  
(Oil, Gas or Dry Hole)

ALLOWABLE (If Assigned) \_\_\_\_\_

LAST PRODUCTION TEST OIL \_\_\_\_\_ (Bbls.) WATER \_\_\_\_\_ (Bbls.)  
 GAS 310 (MCF) DATE OF TEST Jan. 29, 1962

PRODUCING HORIZON \_\_\_\_\_ PRODUCING FROM 744 Ft. TO 748 Ft.

1. COMPLETE CASING RECORD 129.6 Ft Surface 10 3/4"  
760 Ft. 4 1/2"

2. FULL DETAILS OF PROPOSED PLAN OF WORK Well is being plugged in accordance with the demand of the Oil & Gas Conservation Commission and not in keeping with the desire of Teil Development Co. officials. We plan to pump concrete down through the tubing, forcing it between tubing and casing until hole is filled with concrete. The Well shall be marked according to letter of instructions from the Oil & Gas Conservation Commission.

Teil Development Company's Officers want it understood that this Well is being plugged under protest.  
 If well is to be abandoned, does proposed work conform with requirements of Rule 202? \_\_\_\_\_ If not, outline proposed procedure above.

DATE COMMENCING OPERATIONS As soon as weather will permit and when equipment can be employed.  
 NAME OF PERSON DOING WORK E. J. Packwood ADDRESS 516 W. Kaler Dr. Phoenix

CORRESPONDENCE SHOULD BE SENT TO E. J. Packwood 516 W. Kaler Dr. Phoenix, Ariz.  
Name  
President  
Title  
516 West Kaler Drive Phoenix, Arizona 85021  
Address  
January 3, 1966  
Date

Date Approved 1-5-65  
 STATE OF ARIZONA  
 OIL & GAS CONSERVATION COMMISSION  
 By: John Kannerster

STATE OF ARIZONA  
 OIL & GAS CONSERVATION COMMISSION  
 Application to Abandon and Plug  
 File Two Copies  
 Form No. 3

Permit No. 143

#143

Apr. 5, 1966

Mr. Ed. J. Packwood  
516 West Kaler Drive  
Phoenix, Arizona 85021

Re: Twil Development Co.  
Fletcher-Kruglick #1  
State, 22-19N-26E,  
Apache County, Arizona

Dear Mr. Packwood:

On October 1, 1965, we visited the Twil Development Company well as described above for the purpose of witnessing a flow test. Permission to make the test could not be obtained, therefore, the official test could not be made.

We did have access to the well and took tubing and casing pressures while letting the well flow for a total of 1 hour and 27 minutes. These findings are as follows:

The well had been shut-in for several days. The tubing pressure - 120+ pounds. Casing pressure - 120+ pounds. The pressure gauge used would only record to a maximum of 120 pounds.

10:10 AM Opened 2-inch valve on casing.  
10:11½ Slight water spray with gas.  
10:12 Tubing pressure - 62#  
10:15 " " - 64# Water began to flow by heads.  
10:30 " " - 63# Water flowing by heads.  
10:35 " " - 62#  
10:40 " " - 62# Pressure stabilized  
10:45 Shut-in casing valve.

Total time open - 35 minutes.

10:58 AM Opened casing valve - light spray of water in 15 seconds. Tubing valve broke and no pressure readings could be taken.  
10:59 Heavy spray of water.  
11:01 Water heading - began to flow by heads about every 4 minutes after pressure dropped.  
11:50 Shut-in. Water flowed by heads til shut-in.

Recovery

11:53 AM Casing pressure - 35#  
11:55 " " - 48#  
12:00 Noon " " - 62#  
12:07 PM " " - 79#

Packwood con't. Page 2

12:10 PM Casing pressure - 87#  
12:13 " " - 94#  
12:15 " " - 100# Removed gauge.

The pressure recovered from 22 to 100 pounds in 25 minutes indicating a better reservoir quality than any other Shinarump conglomerate well in the area.

The flow test was made through 2-inch tubing valve. By using a smaller orifice, hereby maintaining a higher pressure, the water would not head and a constant flow of gas could be maintained. The water spray could then be separated at the well head by conventional methods.

Well completion data are not available, therefore, it is not known if a water shut-off could be made by a proper casing and completion program.

A Mass Spectrometer analysis of the gas was made on June 7, 1961 which showed a helium content of 5.3% and 93.7% nitrogen. The balance of the gas contained minor amounts of assorted elements.

On January 29, 1962, Mr. Richard Otto of Kerr-McGee made a flow test of the Teil well by using a dead weight tester. The results are as follows:

The well was shut in for 8 days prior to the test.  
Pressure was 97.4 pounds.

Test 1 - 1" orifice, open 5 minutes. Levelled off at 30# psig  
Indicated flow of 1,834 MCF/D

Test 2 - 1½" orifice, open 5 minutes. Levelled off at 11# psig  
Indicated flow of 2,374 MCF/D

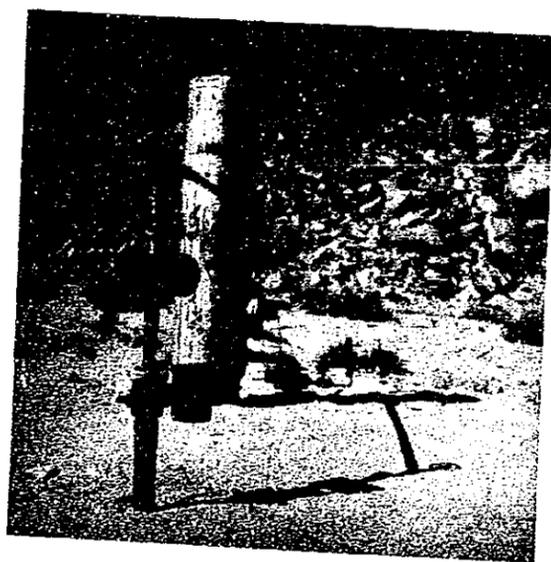
Test 3 - 2" orifice, open 5 minutes. Levelled off at 5# psig  
Indicated flow of 3,220 MCF/D

For more complete data pertaining to flow rate, water, recovery pressures, etc., please refer to letter dated 1-29-62 from Richard R. Otto to C. H. Grady, both of Kerr-McGee Company.

Based upon the flow tests by Mr. Otto and the observations of the open flow test on October 1, 1965, plus the structural position of the well on a faulted anticline, the well is considered to be a commercial helium gas well.

Very truly yours,

Silas C. Brown  
Registered geologist



- TEIL TIEB DEVELOPMENT COMPANY, INC. #1  
STATE NE Sec. 22-T19N-R26E., Apache  
County 1 PF 310 MCF From shinarump  
Shut in helium well in Pinta Dome  
10-1962

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TEIL ~~WELL~~ DEVELOPMENT COMPANY, INC, #1  
STATE NE Sec. 22-T19N-R26E., Apache  
County. 1 PF 310 MCF From shinarump  
Shut in helium well in Pinta Dome.

143

10-1962

### 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: **TEIL DEVELOPMENT COMPANY** Address: **3550 North Central Ave, Phoenix, Ariz.**

Lease Name: **Kruglick-Fletcher ~~XXX~~** Well Number: \_\_\_\_\_ Field & Reservoir: \_\_\_\_\_  
 State #1 \_\_\_\_\_

Location: **Section 22 Range 19 North 26 East** Sec.--TWP--Range or Block & Survey

County: **Apache** Permit number: **143** Date Issued: **3-21-61** Previous permit number: \_\_\_\_\_ Date Issued: \_\_\_\_\_

Date spudded: **3-21-61** Date total depth reached: **5-23-61** Date completed, ready to produce: **2-28-62** Elevation (DF, BKB, RT or Gr.) feet: **5040 DF** Elevation of casing hd. flange feet: **5041**

Total depth: **760'** P.B.T.D.: \_\_\_\_\_ 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: \_\_\_\_\_ Rotary tools used (interval): \_\_\_\_\_ Cable tools used (interval): **total depth**

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

Type of electrical or other logs run (check logs filed with the commission): **electric log** Date filed: \_\_\_\_\_

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	12"	10 3/4"	34#	129.6'	20	none
Producing	8"	4 1/2"	9.5#	760'	100	none

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
Abrasijet 3	jets at	744', 746' & 748'	20,000# 20/40 mesh sand	at 744', 746' & 748'

INITIAL PRODUCTION

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

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)
1-29-62	1	2"				

Tubing pressure	Casing pressure	Cal'ed rate of Production per 24 hrs.	Oil bbls.	Gas bbls.	Water bbls.	Gas-oil ratio
	97.4			310, <del>200</del> MCF		

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 **Secretary Treasurer** of the **TEIL Development Company** (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: **March 15, 1962**

  
 Signature: **Lee M. Jackson**

**STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION**  
 Well Completion or Recompletion Report and Well Log  
 Form No. P-7 File two copies  
 Authorized by Order No. \_\_\_\_\_  
 Effective: **April 17, 1962**

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**LIST OF FORMATIONS PENETRATED**

Formation	Top	Bottom	Description*
Drilling log attached.			

\* 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 of Arizona Oil & Gas Conservation Commission not later than thirty days after project completion.

**TEIL DEVELOPMENT COMPANY**  
**Helium Test #1**  
**Churn Drilled by C. T. Henderson**

Located in the SW $\frac{1}{4}$ , NE $\frac{1}{4}$ , SE $\frac{1}{4}$ , Sec. 22,  
T. 19 N., R. 26 E.  
87 feet of 10 inch casing cemented as surface casing  
Sample descriptions made May 26, 1961

By  
**Turner and Associates**  
**Consulting Geologists**

Depth Sample Taken (ft.)	Acid 1/ Reaction HCl	% sand and Gravel	Max. grain size in inches	Description and Remarks
50-60	M	40	1/4	Fine grained sand, comprising a moderately cemented sandstone, limestone and silt. Very little quartz. Color: light reddish brown with gray limestone.
70	M	50	1/2	Red silt and extremely fine grained sand. A few limestone pebbles.
90	M	60	Less than 1/16	Fine grained sand and silt. Color - light reddish brown. Under the glass mostly white stained brown.
90	S	50	3/16	Fine grained sand and silt. Thin layers of sandstone. Some limestone. Color, light reddish brown. Under the glass mostly white stained brown.
100	S	40	Less than 1/16	Fine grained sand and silt. Color - light reddish brown. Under the glass mostly white with brown stain and red silt.
110	M	25	Same	Same, Sand contains a large percentage of limestone.
120	M	30	Same	Same
130	M	25	Same	Same

1/ Reaction with 10% solution cold hydrochloric acid which gives rough idea of amount of lime cement present in sample: S, strong; M, moderate, W, weak; N, none.

TEIL DEVELOPMENT CO. HELIUM TEST #1

Depth Sample Taken (ft.)	Acid Reaction HCl	% Sand and Gravel	Max. grain Size in Inches	Description and Remarks
140	M	20	1/8	Mostly silt with some limestone. Color, medium reddish brown.
150	S	30	1/4	Fine grained sand and silt. Limestone. Color, reddish brown with light gray limestone.
160	VS	30	1/8	Same. Color, light blue to a larger percentage of limestone.
170	S	55	1/4	Fine grained sand and silt. Limestone. Color, gray-brown. Pebbles of limestone.
180	M-S	40	1/4	Same. Color slightly more red.
190	M	50	1/4	Same.
200	S	75	1/8	Same. Color reddish brown with a little gray limestone.
210	M	40	1/8	Fine grained sand and silt, mostly limestone. Color, gray-brown.
220	S	55	1/8	Mostly mudstone, silt and a little limestone. Color, violet-brown.
230	S	50	1/2	Same, more gray limestone.
240	S	70	1/2	Same. Color, reddish-brown.
250	S	85	1/4	Same.
260	S	40	1/8	Fine grained sandstone and silt. A few limestone pebbles. Color, reddish-brown. Under the glass reddish and white particles.
270	S	50	1/8	Same.
280	S	65	1/4	Fine grained sand and silt. Limestone layers. Color, violet-brown with gray particles of limestone.
290	S	50	1/2	Same. More gray limestone making the color lighter.

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TEIL DEVELOPMENT CO. HELIUM TEST #1

Depth Sample Taken (ft.)	Acid Reaction HCl	% Sand and Gravel	Max. grain Size in Inches	Description and Remarks
300	S	65	1/8	Same. Color, light violet-brown.
310	S	60	1/4	Mostly red silt with some gray limestone. Color, reddish-brown with gray particles.
320	S	70	3/16	Mostly violet mudstone with silt and some dark gray limestone. Color, violet brown.
330	S	80	1/4	Fine grained sand and silt. Some dark and light gray limestone. Color, reddish-brown.
340	S	Pre wash	3/4	Coarse sand composed of quartz, limestone and mudstone. Color, speckled violet and gray.
350	S	Same	1/4	Same. Much larger percent of quartz. Color, speckled white to red.
360				Missing.
370	S	Pre wash	1/2	Same. Color, gray.
370 - Water sample - T.S. 42,000 p.p.m. Water came in at 340'.				
370	M	5	1/4	Red shale with some white limestone in layers or as concretions.
380	M	5	3/16	Same as above with more limestone.
390	M	5	1/4	Red shale with some white limestone and some red lime-cemented siltstone.
400	M	40	1/16	Much more clear quartz sand, some chert grains in red silt.
410	Slight	70	1/16	Silty sand with 75% quartz and 25% chert grains.
420	M	25	1/32	Red silt with lime-cemented sand and white lime.

## TEIL DEVELOPMENT CO. HELIUM TEST #1

Depth Sample Taken (ft.)	Acid 1/ Reaction HCl	% Sand and Gravel	Max. grain Size in Inches	Description and Remarks
430	M	20	3/8	Variegated, white and red, siltstone, limy and a little white lime and sand.
440	M	10	1/2	Red siltstone, limy, with gray shale, no lime, and gray sand.
450	M	5	1/8	Same as 440.
460	Slight	5	1/4	Same but less gray and more red.
470	M	60	1/8	White to gray sand, fine grained with lime layers or concretions.
480	Slight	12	1/4	Purplish and red siltstone with a little white.
490	Slight	2	1/8	Same as above.
500	0	0	1/8	Gray-maroon siltstone.
510	M	0	1/4	Same with some white.
520	M	0	1/16	Same as 510' but harder.
530	M	0	1/2	Same as 510 with hard lime concretions.
540	0	0	1/4	Gray and maroon-brown siltstone.
550	F	5	1/2	Variegated, gray, brown, red, white and yellow siltstone. Some gray is limy.
560	0	0	1/8	Gray siltstone with trace of yellow.
570	0	0	1/2	Gray siltstone.
580	0	5	1/4	Gray siltstone with 15% black grains (oxidized pyrite) and some bright pyrite. Sand grains are clean quartz.
590	0	25	1/4	Cemented sandstone with gray siltstone as 580 and 15-20% black.
600	0	5	1/2	Same as 580 but more pyrite.

TEIL DEVELOPMENT CO. HELIUM TEST #1

Depth Sample Taken (ft.)	Acid 1/ Reaction HCl	% Sand and Gravel	Max. Grain Size in Inches	Description and remarks
610	0	0	3/8	Gray siltstone with just a trace of pyrite and no black.
620	0	40	1/8	40% fine-grained quartz sand, 30% gray shale and 30% black shale (pyritic).
626	Tr.	60	1/16	Same as 620 but more sand.
630	Tr.	60	1/8	Same as 620 but more pyrite and black mineral.
635	0	60	1/2	Same as 630 but little pyrite and some chert.
640	0	30	1/8	Gray sandy siltstone with a little pyrite and some chert grains.
645	0	30	1/8	Same.
650	0	60	1/16	Gray silty sand with many chert grains, no pyrite.
660	0	15	3/8	Gray shale with no black and no pyrite but sand has much chert.
670	0	10	3/8	Same but with dark red to black at 15%.
675	0	25	1/8	Sandy gray silt with 15% black organic material.
685	0	50	1/4	Black silty sand with 40% black organic material.
690	0	40	1/8	Same.
695	0	70	1/8	White sand with 20-30% black organic material.
700	0	70	1/16	Same.
705	0	70	1/16	Same
710	0	75	1/16	Same

TEIL DEVELOPMENT CO. HELIUM TEST #1

Depth Sample Taken (ft.)	Acid 1/ Reaction HCl	% Sand and Gravel	Max. grain Size in Inches	Description and remarks
715	0	80	1/16	Fine-grained white sand with 15% black organic material.
720	M	70	1/4	Same with some gray shale.
725	0	75	1/4	Same.
730	0	40	1/2	Same with more hard gray sand.
735	0	60	1/2	Same but many angular fragments of chert. Top of Shinarump conglomerate.
740	0	70	1/4	Angular fragments quartz, chert, quartzite, a little pyrite and some black organic material.
745	Tr.	60	1/4	Same as 740. Few pieces of limestone in conglomerate. Gas show came in at this level, plus or minus, 2 feet.
750	Tr.	70	1/8	Same as 740.
755	Tr.	50	1/8	Went into reddish-brown shale about 752. Top of Moenkopi.
760	Tr.	30	3/8	Fragments of reddish-brown shale 40%, gray sandy shale 30%, cemented brown sandstone 30%.

1/ Reaction with 15% solution cold hydrochloric acid which gives rough idea of amount of lime cement present in sample: S, strong; M, moderate, W, weak; N, none.

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 PHOENIX Arizona 3/15/61

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. 22,

Twp. 19 N, Rge. 26 E B. & M., Wildcat Field

Apache County.

Legal description of lease SW NE SE (Approx.)  
(attach map or plat to scale)

Location of Well: 1010' From East Line and 1720' From South Line  
(Give exact footage from section corners or other

legal subdivisions or streets)

Proposed drilling depth 1500 feet. Acres in drilling unit 640 <sup>400</sup>

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

Elevation of ground above sea level 5640 feet. <sup>5779 ← Per Linehan-Stollenberg survey</sup>

All depth measurements taken from top of derrick floor  
(Derrick, floor, Rotary Table or

which is \_\_\_\_\_ 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"</u>	<u>34</u>	<u>J 55</u>	<u>0</u>	<u>150</u>	<u>150 to surface</u>
<u>8"</u>	<u>28</u>	<u>J 55</u>	<u>0</u>	<u>?</u>	

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.

TEIL DEVELOPMENT COMPANY, INC  
(Applicant)

By E. J. Packwood  
March 1961

Application approved this 16 day of

Permit No. 143  
3-62,1/10/58

Anthony T. Judders  
Oil and Gas Conservation Commission

□

2

2

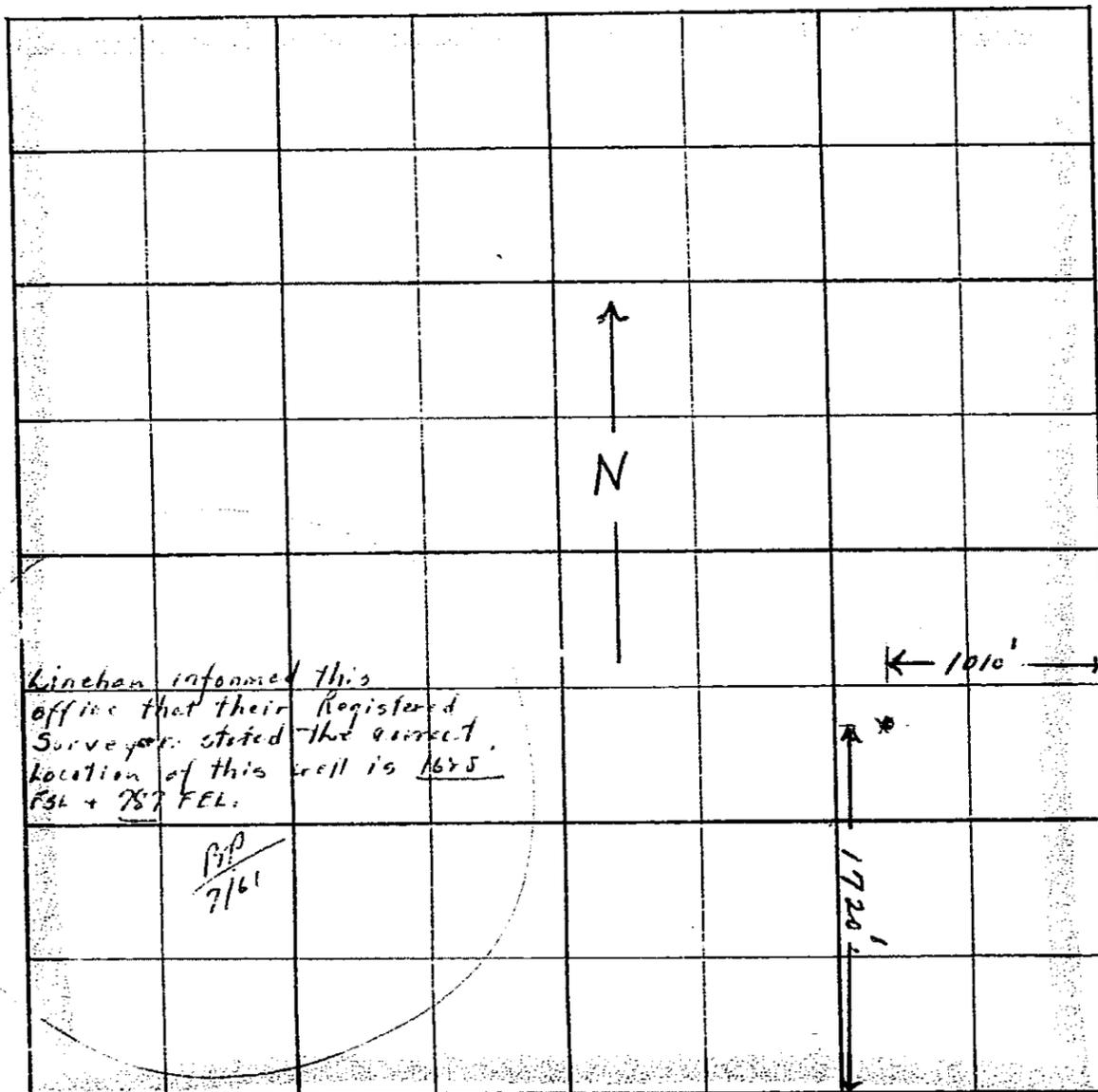
11/10/53



# PLAT

Section 22 Township 19 N Range 26 E

Maricopa County, Arizona



5280 ft. }  
320 rods } 1 Mile  
1760 yards }  
80 chains }

2640 ft. }  
160 rods } 1/2 Mile  
880 yards }  
40 chains }

1320 ft. }  
80 rods } 1/4 Mile  
440 yards }  
20 chains }

4 rods } 1 Chain  
66 ft. }  
16 1/2 ft. } 1 Rod  
25 links }

10 sq. chains }  
160 sq. rods } 1 Acre  
4840 sq. yards }  
43560 sq. ft. }

Scale: \_\_\_\_\_

This is a sketch only and not a survey or recorded plat. It is made on the assumption of a normal sized section and is furnished without responsibility for the correctness thereof.

Form M 105

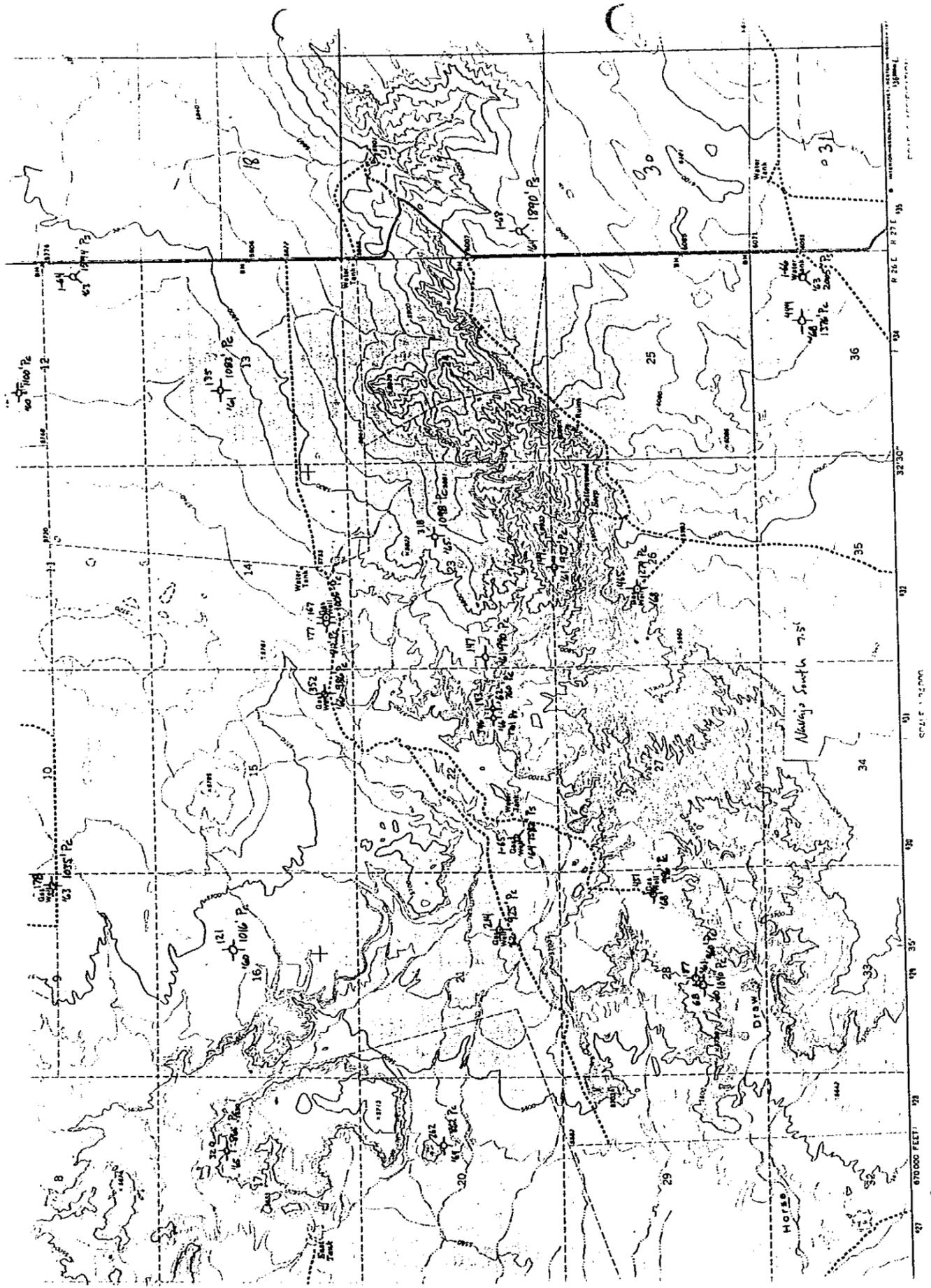
Form furnished through the courtesy of  
ARIZONA TITLE GUARANTEE & TRUST COMPANY  
124-126 North First Avenue - Phoenix, Arizona

143 B









Scale 1:25000  
67000 FEET  
The Geographical Survey

Mr. Jancy:

Has used her last  
copy of power of atty  
has ordered some.)  
(These are pre-numbered  
by the Company & she  
accounts for ea.)

She says the attached  
is a copy of what was  
done in 1961 — but  
she has no copy of the  
power of atty ~~forms~~ for  
that period.

She questions: the  
coverage is there, do you  
really need the power

**BETTS-TRAUBEL**

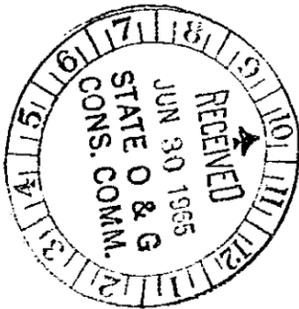
P. O. BOX 96 7011 NORTH 58TH AVENUE  
PHONE 937-9277 GLENDALE, ARIZONA

6/28/65

Oil & Gas Conservation Commission:

At the request of Mr. E. J. Packwood we  
are enclosing copy of bond, the original  
of which was filed with your office  
March 22nd, 1961.

Betts-Traubel Insurance  
Dorothy Yancy



PY

ND

KNOW ALL MEN BY THESE PRESENTS

BOND SERIAL NO. 3147711

That we: Teil Development Co., Inc.

of the County of: Maricopa in the State of: Arizona

as principal, Hartford Accident & Indemnity Co.,

and Conn.

AUTHORIZED TO DO BUSINESS WITHIN the State of Arizona.

as surety, are held and firmly bound unto the State of Arizona in the penal sum as indicated, lawful money of the United States, for which payment, well and truly to be made, we bind ourselves, and each of us, and each of our heirs, executors, administrators or successors, and assigns jointly and severally, firmly by these presents.

The conditions of this obligation is that whereas the above bounden principal proposes to drill a well or wells for oil, gas or stratigraphic purposes in and upon the following described land situated within the State, to wit:

Section 22, Twp. 19 North, Range 26 East, Apache County, Arizona  
(May be used as blanket bond or for single well)

NOW, THEREFORE, if the above bounden principal shall comply with all of the provisions of the laws of this State and the rules, regulations and orders of the Oil and Gas Conservation Commission, especially with reference to the requirements of A.R.S. 27-516, providing for the proper drilling, casing and plugging of said well or wells, and filing with the Oil & Gas Conservation Commission all notices and records required by said Commission, in the event said well or wells do not produce oil or gas in commercial quantities, or cease to produce oil or gas in commercial quantities, then this obligation is void; otherwise, the same shall be and remain in full force and effect.

Penal sum of --- Twenty-Five Hundred and No/100 --- \$2500.00

Witness our hands and seals, this 22nd day of March, 1961

TEIL DEVELOPMENT CO., INC.

E. J. Packwood  
Principal

Witness our hands and seals, this 22nd day of March, 1961

HARTFORD ACCIDENT & INDEMNITY CO.,

B  
v Dorothy Yancy  
Surety Atty-in-fact

(If the principal is a corporation, the bond should be executed by its duly authorized officers, with the seal of the corporation affixed. When principal or surety executes this bond by agent, power of attorney or other evidence of authority must accompany the bond.)

Approved	<b>CANCELLED</b>	STATE OF ARIZONA
Date		OIL & GAS CONSERVATION COMMISSION
By:		Bond
		File Two Copies
		Form No. 2

Permit No. 143 DATE 2-1-66

February 1, 1966

Teil Development Company  
516 West Kaler Drive  
Phoenix, Arizona 85021

Re: Teil Development Co. Kruglich-Fletcher #1 State well  
NE/4SE/4 22-19N-26E, Apache County, Arizona  
Permit 143

Hartford Accident & Indemnity Company Bond 314-7714

Gentlemen:

Inasmuch as this well has been properly plugged and abandoned and all requisite data has been submitted, in accordance with our Rules and Regulations, this letter then constitutes authorization from this Commission to terminate captioned bond effective January 31, 1966.

Your cooperation in this matter has been very much appreciated.

Very truly yours,

John Bannister  
Executive Secretary  
mr

cc: Hartford Accident & Indemnity Co.  
Betts Traubel, Agent  
P.O. Box 96  
Glendale, Arizona

State Land Department  
400 Arizona State Office Bldg.  
Phoenix, Arizona 85007  
Attention: Mr. F.C. Ryan

Message for \_\_\_\_\_  
DATE 2-1-66 TIME \_\_\_\_\_

WHILE YOU WERE OUT  
Mr. Packwood  
of Tiel Develop  
Phone \_\_\_\_\_

TELEPHONED	PLEASE CALL	HER HIM
CALLED TO SEE YOU	WILL CALL AGAIN	
WANTS TO SEE YOU	RETURNED YOUR CALL	

Message The "elec" log  
in file by Thompson  
& Assoc, actually  
a sample log, is  
only log for  
this well (Completion  
report Duller's log filed)  
Received by \_\_\_\_\_

For an additional supply of this form  
PHONE ALPINE 4-7231

**ARIZONA-MESSENGER Printing Co.**  
1207 E. Washington Phoenix, Arizona 85034

February 1, 1966

Teil Development Company  
516 West Kaler Drive  
Phoenix, Arizona 85021

Re: Teil Development Co. Kruglich-Fletcher #1 State well  
NE/4SE/4 22-19N-26E, Apache County, Arizona  
Permit 143

Hartford Accident & Indemnity Company Bond 314-7714

Gentlemen:

Inasmuch as this well has been properly plugged and abandoned and all requisite data has been submitted, in accordance with our Rules and Regulations, this letter then constitutes authorization from this Commission to terminate captioned bond effective January 31, 1966.

Your cooperation in this matter has been very much appreciated.

Very truly yours,

John Bannister  
Executive Secretary  
BT

cc: Hartford Accident & Indemnity Co.  
Betts Traubel, Agent  
P.O. Box 96  
Glendale, Arizona

State Land Department  
400nArizona State Office Bldg.  
Phoenix, Arizona 85007  
Attention: Mr. F.C. Ryan

ED. J. PACKWOOD

516 WEST KALER DRIVE + PHOENIX, ARIZONA 85021

943-9293

ASSOCIATED WITH:  
PACKWOOD REALTY & INVESTMENT CO.  
DEER VALLEY MEMORIAL GARDENS  
TEIL DEVELOPMENT CO.  
ELI OIL & GAS DEVELOPMENT CO.  
PACKWOOD FOUNDATION

January 31, 1966

Mr. John Bannister  
Oil & Gas Conservation Commission  
1624 West Adams  
Phoenix, Arizona

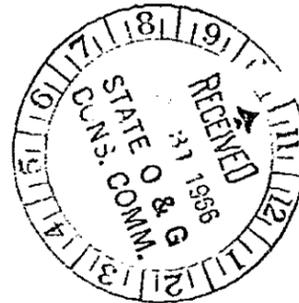
Dear Mr. Bannister:

Please find inclosed copies of plugging report and completion report on Teil Development Co. No. 1 State. I believe you shall find everything in order. Should there be a question please advise.

I appreciate all courtesies extended us by your office. I trust our future relationship shall be under different circumstances.

Yours very truly,

*E. J. Packwood*  
E. J. Packwood, President  
Teil Development Co.



143

January 5, 1966

Mr. Ted Spurlock  
Navajo, Arizona

Re: Teal Development Co. Kruglich-Fletcher #1 State well  
NE/4SE/4 22-19N-26E, Apache County, Arizona  
Our File 143

Dear Mr. Spurlock:

This is to advise you that pursuant to an order issued by the Oil and Gas Conservation Commission, Teal Development Company will plug the captioned well.

Any cooperation that you may be able to offer them will be appreciated.

Should you have any questions concerning our order to plug, will you please advise.

Very truly yours,

John Bannister  
Executive Secretary  
BT

ED. J. PACKWOOD

516 WEST KALER DRIVE + PHOENIX, ARIZONA 85021

ASSOCIATED WITH:  
PACKWOOD REALTY & INVESTMENT CO.  
DEER VALLEY MEMORIAL GARDENS  
TEIL DEVELOPMENT CO.  
ELI OIL & GAS DEVELOPMENT CO.  
PACKWOOD FOUNDATION

January 3, 1966

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

Dear Mr. Bannister:

Please find attached our application to abandon and plug the Helium Well located in NE/4 NE/4 Section 22 T19N R26E as instructed in your letter of November 29, 1965.

~~You realize of course our reluctance to plug the Well, and that we are doing so under protest. Our performance bond we assume renders us helpless in the matter.~~

As stated in the attached application we shall get this work done as soon as possible, depending on the weather and the availability of equipment.

Yours very truly,

*E. J. Packwood*  
E. J. Packwood, President  
Teil Development Co.

November 29, 1965

Teil Development Company  
516 West Kaler Drive  
Phoenix, Arizona 85021

Re: Teil Development Co. Kruglich-Fletcher #1 State well  
NE/4SE/4 22-19N-26E, Apache County, Arizona  
Permit 143

Gentlemen:

Inasmuch as the principals involved in the captioned well have not made satisfactory arrangements with the State Land Department for the use of this well, this Commission has no alternative other than to order the plugging of this well.

Consequently, the order of this Commission is that the captioned well be plugged in the following manner:

All tubing shall be pulled and stock piled on the premises for the ultimate disposition by the State Land Department.

A 50 foot cement plug shall be spotted in the bottom of the hole and a 20 foot cement plug set at the surface. The interval between the two plugs must be filled with a heavy mud laden fluid.

A marker of not less than four inches in diameter and protruding at least four feet above the general ground surface and a permanent sign affixed thereto containing the following information:

- (a) name of the well
- (b) location of the well by quarter-quarter section, township, and range
- (c) permit number.

In addition to the plugging of this well, our Form 9, Application to Abandon and Plug, Form 10, Plugging Record, and Form 4, Well Completion Report, must be filed with this Commission.

POST OFFICE DEPARTMENT OFFICIAL BUSINESS		PENALTY FOR PRIVATE USE TO AVOID PAYMENT OF POSTAGE, \$300.00	
PHOENIX, ARIZONA 1 DEC 1 1965		POSTMARK OF DELIVERING OFFICE	
INSTRUCTIONS: Fill in items below and complete #1 on other side, when applicable. Moisten gummed ends and attach to back of article. Print on front of article RETURN RECEIPT REQUESTED.			
REGISTERED NO.	NAME OF SENDER		
CERTIFIED NO. 461056	OIL & GAS CONSERVATION COMMISSION STREET AND NO. OR P. O. BOX STATE OF ARIZONA 1624 WEST ADAMS - SUITE 202		
INSURED NO.	CITY, ZONE AND STATE PHOENIX - 1st, ARIZONA, 85007		

POD Form 3811 Jan. 1958

CS-16-71548-4

CERTIFIED MAIL  
No. 461056

November 29, 1965

Tell Development Company  
516 West Kaler Drive  
Phoenix, Arizona 85021

Re: Tell Development Co. Kruglich-Fletcher #1 State well  
NE/4SE/4 22-19N-26E, Apache County, Arizona  
Permit 143

Gentlemen:

Inasmuch as the principals involved in the captioned well have not made satisfactory arrangements with the State Land Department for the use of this well, this Commission has no alternative other than to order the plugging of this well.

Consequently, the order of this Commission is that the captioned well be plugged in the following manner:

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- (a) name of the well
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- (c) permit number.

In addition to the plugging of this well, our Form 9, Application to Abandon and Plug, Form 10, Plugging Record, and Form 4, Well Completion Report, must be filed with this Commission.

**#1-INSTRUCTIONS TO DELIVERING EMPLOYEE**

Deliver *ONLY* to addressee

Show address where delivered

*(Additional charges required for these services)*

**RETURN RECEIPT**

Received the numbered article described on other side.

SIGNATURE OR NAME OF ADDRESSEE (must always be filled in)

*Mrs E. J. Packwood*

SIGNATURE OF ADDRESSEE'S AGENT, IF ANY

DATE DELIVERED

*11/30/65*

ADDRESS WHERE DELIVERED (only if requested in item #1)

**#1-INSTRUCTIONS TO DELIVERING EMPLOYEE**

Deliver **ONLY** to addressee

Show address where delivered

*(Additional charges required for these services)*

**RETURN RECEIPT**

Received the numbered article described on other side.

SIGNATURE OR NAME OF ADDRESSEE *(must always be filled in)*

*Mrs E. J. Packwood*

SIGNATURE OF ADDRESSEE'S AGENT, IF ANY

DATE DELIVERED

*11/30/65*

ADDRESS WHERE DELIVERED *(only if requested in item #1)*

Tell Development Company  
 November 29, 1965  
 Page 2

Copies of any logs which have been taken by the operator must also be filed.

This work must be completed by December 31, 1965.

Should you have any question concerning this order of the Commission, will you please advise.

Very truly yours.

**#1-INSTRUCTIONS TO DELIVERING EMPLOYEE**  
 Deliver ONLY to addressee  Show address where delivered  
 (Additional charges required for these services)

**RETURN RECEIPT**  
 Received the numbered article described on other side.

SIGNATURE OR NAME OF ADDRESSEE (must always be filled in)  
*X Clyde E. Douglas*

POST OFFICE DEPARTMENT OFFICIAL BUSINESS  
 PHOENIX, ARIZONA  
 1 Dec 1965

INSTRUCTIONS: Fill in items below and complete #1 on other side, when applicable. Moisten gummed ends and attach to back of article. Print on front of article RETURN RECEIPT REQUESTED.

REGISTERED NO.	NAME OF SENDER
CERTIFIED NO.	STREET AND NO. OR P. O. BOX
INSURED NO.	CITY, ZONE AND STATE

1924 WEST ADAMS - SUITE  
 PHOENIX, ARIZONA, 85002

CS5-16-71543-4

by at Law, 1260 Del Webb's *Certified*  
 on, Phoenix, Arizona 85002 No. *461057*  
 11 N. 5th Ave., Apt 9,  
 No. *461058*  
 620 N. 7th Street, Phoenix 85020  
 6201 W. Indianola, Phoenix, Arizona  
 0 Arizona State Office Bldg.,  
 1410 N. 3rd St., Phoenix, Ariz.

**#1-INSTRUCTIONS TO DELIVERING EMPLOYEE**  
 Deliver ONLY to addressee  Show address where delivered  
 (Additional charges required for these services)

**RETURN RECEIPT**  
 Received the numbered article described on other side.

SIGNATURE OR NAME OF ADDRESSEE (must always be filled in)  
*J.M. [Signature]*

SIGNATURE OF ADDRESSEE'S AGENT, IF ANY

DATE DELIVERED  
 11-30-65

ADDRESS WHERE DELIVERED (only if requested in item #1)  
 4045

CS5-16-71543-4 GPO

Teal Development Company  
November 29, 1965  
Page 2

Copies of any logs which have been taken by the operator must also be filed.

This work must be completed by December 31, 1965.

Should you have any question concerning this order of the Commission, will you please advise.

Very truly yours,

John Bannister  
Executive Secretary  
MB

cc: Mr. C.E. Douglas, Attorney at Law, 1260 Del Webb's *certified*  
Townhouse, 100 W. Clarendon, Phoenix, Arizona 85002 *No. 461057*

Mr. Hartmann Roxbury, 3611 N. 5th Ave., Apt 9,  
Phoenix 85013 *certified No. 461058*

Mr. Robert L. Fletcher, 7620 N. 7th Street, Phoenix 85020  
*certified No. 461059*

Apache Drilling Company, 6201 W. Indianola, Phoenix, Arizona

State Land Department, 400 Arizona State Office Bldg.,  
Phoenix 85007

Hartford Insurance Group, 1410 N. 3rd St., Phoenix, Ariz.

**#1-INSTRUCTIONS TO DELIVERING EMPLOYEE**

Deliver **ONLY** to addressee  Show address where delivered

*(Additional charges required for these services)*

**RETURN RECEIPT**

Received the numbered article described on other side.

SIGNATURE OR NAME OF ADDRESSEE (must always be filled in)

*H.M. Corbary*

SIGNATURE OF ADDRESSEE'S AGENT, IF ANY

DATE DELIVERED: *11-30-65*  
*1096*

ADDRESS WHERE DELIVERED (only if requested in item #1)

CSS-16-71548-4 GPO

POST OFFICE DEPARTMENT  
OFFICIAL BUSINESS

PHOENIX, ARIZONA  
DEC 1 1965

NEVER WRITE IN THESE SPACES TO AVOID PAYMENT OF POSTAGE

POST OFFICE OF DELIVERING OFFICE

INSTRUCTIONS: Fill in items below and complete #1 on other side, when applicable. Moisten gummed ends and attach to back of article. Print on front of article RETURN RECEIPT REQUESTED.

**RETURN TO** ←

REGISTERED NO.	NAME OF SENDER
CERTIFIED NO. <i>461059</i>	STREET AND NO. OR P. O. BOX & GAS CONSERVATION COM STATE OF ARIZONA 1624 WEST ADAMS - SUITE TELEPHONE: 271-5161 PHOENIX, ARIZONA, 850
INSURED NO.	CITY, ZONE AND STATE

CSS-16-71548-4

**#1-INSTRUCTIONS TO DELIVERING EMPLOYEE**

Deliver **ONLY** to addressee  Show address where delivered

*(Additional charges required for these services)*

**RETURN RECEIPT**

Received the numbered article described on other side.

SIGNATURE OR NAME OF ADDRESSEE (must always be filled in)

*X Claude E. Douglas*

SIGNATURE OF ADDRESSEE'S AGENT, IF ANY

*X R. High*

DATE DELIVERED: *11-30-65*

ADDRESS WHERE DELIVERED (only if requested in item #1)

CSS-16-71548-4 GPO

POST OFFICE DEPARTMENT  
OFFICIAL BUSINESS

PHOENIX  
30 NOV 1965

POSTMARK OF DELIVERING OFFICE

INSTRUCTIONS: Fill in items below and complete #1 on other side, when applicable. Moisten gummed ends and attach to back of article. Print on front of article RETURN RECEIPT REQUESTED.

REGISTERED NO. NAME OF SENDER

CERTIFIED NO. 461058 STATE OIL & GAS CONSERVATION COMMISSION  
STATE OF ARIZONA  
1684 WEST ADAMS - SUITE 202  
CITY, ZONE AND STATE PHONE: 271-5161  
PHOENIX, ARIZONA, 85007

INSURED NO.

RETURN TO

POD Form 3811 Jan. 1958

CSS-16-71542-4

#1-INSTRUCTIONS TO DELIVERING EMPLOYEE

Deliver ONLY to addressee  Show address where delivered  
(Additional charges required for these services)

RETURN RECEIPT

Received the numbered article described on other side.

SIGNATURE OR NAME OF ADDRESSEE (must always be filled in)

Ruth Lelio

SIGNATURE OF ADDRESSEE'S AGENT, IF ANY

DATE DELIVERED 11/30/65

ADDRESS WHERE DELIVERED (only if requested in item #1)

CSS-16-71542-4 GPO

POST OFFICE DEPARTMENT  
OFFICIAL BUSINESS

PHOENIX  
30 NOV 1965

POSTMARK OF DELIVERING OFFICE

INSTRUCTIONS: Fill in items below and complete #1 on other side, when applicable. Moisten gummed ends and attach to back of article. Print on front of article RETURN RECEIPT REQUESTED.

REGISTERED NO. NAME OF SENDER  
OIL & GAS CONSERVATION COMMISSION  
STATE OF ARIZONA

CERTIFIED NO. 461057 STREET AND NO. 1684 WEST ADAMS - SUITE 202  
TELEPHONE: 271-5161  
PHOENIX, ARIZONA, 85007

INSURED NO. CITY, ZONE AND STATE

RETURN TO

POD Form 3811 Jan. 1958

CSS-16-71542-4

CERTIFIED MAIL  
No. 461080

November 29, 1965

Apache Drilling Co. Inc.  
4201 W. Indianola  
Phoenix, Arizona

Re: Application to Re-enter  
Apache Drilling Co. #1 State well  
N2/4SE/4 12-17N-26E, Apache County  
File 319

Gentlemen:

Enclosed for your information, please find a copy of a letter dated November 29, 1965 to Well Development Company wherein this Commission has ordered the plugging of the old Well.

Inasmuch as the State Land Department has refused permission that you use their property, in this incident known as the Well Development Co. Kroglich-Fletcher #1 State well, this Commission consequently denies the captioned application to re-enter said well.

We are making the necessary arrangements for the refunding of your \$25.00 filing fee. It will be necessary that you sign the enclosed voucher and return it to this Commission. As soon as possible a check will be issued to you for the refunding of this filing fee.

Should you have any questions, will you please contact this office.

Very truly yours,

John Dannerster  
Executive Secretary  
nr  
enc

CC: State Land Department  
Mr. Clyde Emmett Douglas, Attorney at Law

143

November 16, 1965

Mr. Clyde E. Douglas  
Attorney at Law  
Suite 1260 Del Webb's Townhouse  
100 West Claredon  
Phoenix, Arizona 85002

Dear Mr. Douglas:

This is in answer to your letter of November 4, 1965 as received in the Department on November 12, 1965 and written in reference to Tiel Development State No. 1 well.

Your letter included a "Designation of Operator" by Mr. Hartmann Roxbury, the State's lessee of Oil and Gas Lease No. 9622 in favor of Apache Drilling Company and made mention of the fact which this office has confirmed that the blanket drilling bond of Apache Drilling Company covers the area under the above mentioned letter. Your letter makes mention that it is your understanding in view of the above designation and bond that the Department will acknowledge this well as being owned by the Apache Drilling Company.

The Department has been engaged in correspondence with Mr. Fletcher, former leaseholder, Mr. Packwood of Tiel Development and various others in relation to this well and the equipment therein contained. Mr. Roxbury was furnished as present lessee with copies of all pertinent correspondence, including a letter of October 20, 1965 addressed to the Executive Secretary of the Arizona Oil and Gas Commission, a copy of which is inclosed for your information.

From the letter of October 20th, please understand that the State Land Department, acting for the State of Arizona, has asserted its title to the well and all the equipment therein and has requested the Oil and Gas Commission that it be plugged and abandoned.

If you, your client or Mr. Roxbury wish to discuss the matter, please feel free to do so.

Very truly yours,

F. C. Ryan, Supervisor,  
Mineral, Oil & Gas Production Division

FCR:mb  
Encl.

#143

November 15, 1965

Mr. Clyde Emmett Douglas  
Attorney at Law  
Suite 1260 Del Webb's Townhouse  
100 West Clarendon  
Phoenix, Arizona 85002

Re: Teal Development Co. #1 State Kruglich-Fletcher well  
NW/4SP/4 22-19N-26E, Apache County  
File 143

Dear Mr. Douglas:

This will acknowledge receipt of your letter of November 4, 1965, together with the Designation of Operator as to Mr. Hartmann Roxbury's acreage under lease 9622.

I have checked with the State Land Department and they have advised that they do recognize Apache Drilling Company's operating rights on that lease, but still that they do not consider this a right in the captioned well itself.

Consequently this office regrets to inform you that we are still unable to approve the application by Apache Drilling Company to re-enter the Teal well.

At the earliest time I will discuss this situation further with the State Land Department. However, I am of the opinion that if the parties concerned cannot get together as to the Teal well itself, the Land Department will insist that this well be plugged as per their letter of October 20, 1965.

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

Very truly yours,

John Bannister  
Executive Secretary  
mr

DESIGNATION OF OPERATOR

TO: Oil & Gas Conservation Commission, State of Arizona.

The undersigned is, on the records of the Oil & Gas Conservation Commission, State of Arizona, the holder of that certain oil and gas lease

No. 9622, dated May 17, 1965.

and hereby designates APACHE DRILLING COMPANY, an Arizona corporation, with offices at 6201 W. Indianola, Phoenix, Arizona, as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Oil and Gas Operating Regulations with respect to the following acreage:

320 acres in the South Half of Section 22,  
Township 19 North, Range 26 East, of  
Apache County, State of Arizona.

It is understood that this designation of operator does not relieve the Lessee of responsibility for compliance with the terms of the lease and the Oil and Gas Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms or orders of the Oil & Gas Conservation Commission, of the State of Arizona, or its representative.

The Lessee agrees promptly to notify the above named departments of any change in the designated operator.

Nov 9 - 1965  
Date

Hartmann Roxbury  
Hartmann Roxbury  
Princline Roxbury  
Princline Roxbury

CLYDE EMMETT DOUGLAS  
ATTORNEY AT LAW  
SUITE 1260 DEL WEBB'S TOWNEHOUSE  
100 WEST CLARENDON  
PHOENIX, ARIZONA 85002

AREA CODE 602  
TELEPHONE 264-9051

November 4, 1965.

Oil & Gas Conservation Commission,  
State of Arizona,  
Room 202, 1624 W. Adams,  
Phoenix, Arizona 85007



Re: Oil & Gas Lease 9622,  
Section 22, T 19 N, R  
26 E, Apache County, Ariz.  
Tiel Development - State  
No. 1 Well

Gentlemen:

The writer is attorney for Apache Drilling Company, to whom the Hartmann Roxbury leases on the captioned property have been assigned by Mr. Roxbury. I enclose herewith a Designation of Operator letter executed by Mr. Hartmann Roxbury.

Under the blanket bond of the Apache Drilling Company, this well is included. We will have the proper authority on behalf of the bonding company, furnish you with a confirmation of this coverage.

It is my understanding that, upon receipt of this indicated Designation of Operation and confirmation relative thereto by the bonding company, you will acknowledge this well as being owned by the Apache Drilling Company.

If there is anything else that needs to be completed in this matter, I would appreciate your advising me.

Very truly yours,

A handwritten signature in cursive script that reads "Clyde E. Douglas".

Clyde E. Douglas

CED:lh  
enclosure

#143)

CLYDE EMMETT DOUGLAS  
ATTORNEY AT LAW  
SOUTH WEST CORNER WASHINGTON & MI  
PHOENIX, ARIZONA

November 4, 1965.

State Land Department,  
Capitol Building  
1700 W. Washington  
Phoenix, Arizona.

Re: Oil & Gas Lease 9622  
~~Section 22, T16N~~  
R 26 E; Apache County,  
Arizona. Tiel Development  
- State No. 1 Well.

Gentlemen:

The writer is attorney for Apache Drilling Company, to whom the Hartmann Roxbury leases on the captioned property have been assigned by Mr. Roxbury. I enclose herewith a Designation of Operator letter executed by Mr. Hartmann Roxbury.

Under the blanket bond of the Apache Drilling Company, this well is included. We will have the proper authority on behalf of the bonding company, furnish you with a confirmation of this coverage.

It is my understanding that, upon receipt of this indicated Designation of Operator and confirmation relative thereto by the bonding company, you will acknowledge this well as being owned by the Apache Drilling Company.

If there is anything else that needs to be completed in this matter, I would appreciate your advising me.

Very truly yours,

Clyde E. Douglas

CED:lh  
enclosure

#143

DESIGNATION OF OPERATOR

TO: State Land Department, State of Arizona.

The undersigned is, on the records of the State Land Department, State of Arizona, the holder of that certain oil and gas lease

No. 9622, dated May 17, 1965.

and hereby designates APACHE DRILLING COMPANY, an Arizona corporation, with offices at 6201 W. Indianola, Phoenix, Arizona, as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Oil and Gas Operating Regulations with respect to the following acreage:

320 acres in the South Half of Section 22,  
Township 19 North, Range 26 East, of  
Apache County, State of Arizona.

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Oil and Gas Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the State Land Department, of the State of Arizona, or its representative.

The Lessee agrees promptly to notify the above named departments of any change in the designated operator.

\_\_\_\_\_  
Hartman Roxbury

\_\_\_\_\_  
Priscilla Roxbury

\_\_\_\_\_  
Date

October 22, 1965

Mr. E. J. Packwood  
President  
Teil Development Co.  
516 West Kaler Drive  
Phoenix, Arizona 85021

Dear Mr. Packwood:

Please refer to your letter dated October 20, 1965 in relation to the Teil Development State No. 1 Well.

The Land Commissioner's letter of the same date and subject to the State Oil and Gas Conservation Commission should serve to answer the questions posed in the subject letter. A copy of the Commissioner's letter was furnished to you by certified mail.

Should you have further questions concerning the well, we would be happy to discuss them with you.

Yours very truly,

F. C. RYAN, SUPERVISOR  
Mineral, Oil and Gas  
Production Division

FCR:dmc

cc: Oil & Gas Conservation Commission ✓

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#143

gfb

CERTIFIED MAIL  
RETURN RECEIPT

MORRIS L GERST  
GEORGE WELCH, JR.  
JOHN CAMPO II

GERST, WELCH & CAMPO  
ATTORNEYS AT LAW  
UNION TITLE BUILDING  
PHOENIX, ARIZONA 85004  
TELEPHONE 252-7261

October 22, 1965

Mr. Ed. J. Packwood, President  
Teil Development Co.  
516 W. Kalar Drive  
Phoenix, Arizona 85021

Dear Mr. Packwood:

We are again writing you in behalf of our client  
Mr. R. L. Fletcher regarding the well in Section 22, T.19 N.,  
R. 26 E. in Apache County, Arizona.

We enclose herewith a xerox copy of a letter dated  
October 20, 1965, from Mr. Lassen, State Land Commissioner  
to Mr. Bannister, Executive Secretary of the State Oil and  
Gas Commission. The content thereof is self explanatory.  
We are forwarding this copy to you in our continued efforts  
to assure that any action taken by your company shall be  
with full knowledge of all the facts.

It seems obvious, by the language of the closing  
paragraphs of this letter, that the State of Arizona still  
has not changed its position to the effect that the well is  
not a "producing" well.

If we may be of further assistance to you in this  
regard, please feel free to contact us.

Very truly yours,

GERST, WELCH & CAMPO

George Welch, Jr.

GWJr/ds

Enclosure

cc: Hon. John Bannister  
Hon. Obed M. Lassen  
Mr. Robert Backstein  
Mr. Robert L. Fletcher



#1A3

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October 21, 1965

Mr. Ed. J. Packwood, President  
Teil Development Company  
516 West Kaler Drive  
Phoenix, Arizona 85021

Re: Teil Development Co.-Kruglich-Fletcher #1 State well  
NE/4SE/4 22-19N-26E, Apache County  
File 143

Hartford Accident & Indemnity Co. Bond 3147714

Dear Mr. Packwood:

This will acknowledge receipt of your letter of October 20, 1965 concerning the captioned well and bond.

Please be advised that this bond may not be cancelled until such time as this well has reached its ultimate disposition.

As you are aware, Teil Development Company is the party responsible to this Commission for this well until such time as Teil has brought itself into full compliance with our Rules and Regulations and therefore this bond must stay in full force and effect.

The State Land Department has advised us, as of October 20, 1965, that it asserts its title to the well effective October 16, 1965 and that they believe it to be in the best interest of the State that this well be plugged. However, in the hope that this well might be saved, I feel it in the best interest of all concerned that the Commission wait for a reasonable length of time before issuing an order for the plugging of this well.

Should you have any questions, will you please advise.

Yours very truly,

John Bannister  
Executive Secretary  
mr



OBED M. LASSEN  
STATE LAND COMMISSIONER

OFFICE OF  
**State Land Department**  
STATE OF ARIZONA  
Phoenix, Arizona 85007  
October 20, 1965

The Honorable John Bannister  
Executive Secretary  
Oil and Gas Commission  
Room 202, Capitol Annex East  
Phoenix, Arizona 85007

Dear Mr. Bannister:

Reference is made to the so-called Teil Development - State No. 1 well located in the NE $\frac{1}{4}$ SE $\frac{1}{4}$  of Section 22, Township 19 North, Range 26 East, Apache County, Arizona, and to letters concerning this well, written from this office to Mr. R. L. Fletcher on September 2, and September 13, 1965. Information copies of these letters were furnished to you.

Mr. Fletcher failed to contact this agency during the period prescribed in the subject letters.

Inasmuch as Apache Drilling Company is not on a lessee-lessor basis of relationship with the Department in this particular section, it is not a proper applicant before the Department for permission to use the subject hole to test ground leased to another.

This is formal notice to your office that in accordance with the conditions prescribed in the subject letters, the State Land Department asserted its title to the subject well and all equipment therein at 10:00 a. m., October 16, 1965.

The Department believes that the best interests of the State of Arizona dictate that the well be plugged and abandoned. It is requested that your office take whatever action is necessary to accomplish this end.



#143

The Honorable John Bannister  
October 20, 1965  
Page 2

It is our understanding that at the time of plugging, the tubing and other non-essential well equipment can be retrieved at no additional expense. Accordingly, it is further requested that this be done and that the tubing and other equipment be stock-piled on the premises for such ultimate disposition as the Department may make of it.

Very truly yours,

*O. M. Lassen*

O. M. Lassen,  
State Land Commissioner

OML:mb

ED. J. PACKWOOD

516 WEST KALER DRIVE • PHOENIX, ARIZONA 85021

ASSOCIATED WITH:  
PACKWOOD REALTY & INVESTMENT CO.  
DEER VALLEY MEMORIAL GARDENS  
TEIL DEVELOPMENT CO.  
ELI OIL & GAS DEVELOPMENT CO.  
PACKWOOD FOUNDATION

Oct. 20, 1965

Mr. John Bannister, Executive Secretary  
Oil & Gas Conservation Commission  
Room 202, 1624 West Adams  
Phoenix, Arizona

Dear Mr. Bannister:

After writing the attached to Mr. Ryan I realized that our bond is with the Oil & Gas Commission. So I shall appreciate your advising us if the Well has passed to others and if we can be released from our obligation to the Commission. If we are released, will you please notify the Betts-Trauble Insurance Agency 7011 N. 58th Ave. Glendale, Arizona, who are agents for Hartford Accident & Indemnity Co., and who issued our bond no. 314,7714.

We shall appreciate your reply.

Yours very truly,

*E. J. Packwood*  
E. J. Packwood, President  
Teil Development Co.

# 143

Oct. 20, 1965

Mr. F. C. Ryan, Supervisor  
Minerals, Oil & Gas Production Div.  
State Land Department  
Phoenix, Arizona

Dear Mr. Ryan:

Will you please advise us whether or not your department has made agreement with others to sell the equipment on Teal Development Co. State No. 1 Helius Well, located in Section 22, T15 North, R 26 East, Apache County, and to allow others to take over the Well.

Also please advise if we are released from the responsibility of plugging, or other responsibility with regard to the Well.

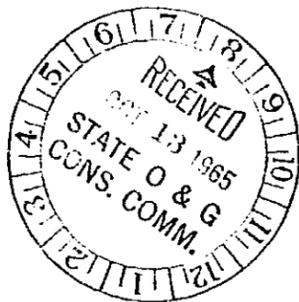
Yours very truly,

cc: Oil & Gas Comm.

E. J. Packwood, President  
Teal Development Co.

143

12



October 11, 1965

VIA CERTIFIED MAIL \*569426  
RETURN RECEIPT REQUESTED

Mr. E. J. Packwood  
President  
Teil Development Co.  
516 West Kalar Drive  
Phoenix, Arizona 85021

Dear Mr. Packwood:

Please refer to your letter dated October 4, 1965 concerning the Teil Development State No. 1 Well and our letter of September 2, 1965 to Mr. Fletcher in the same regard. The Department communicated officially with Mr. Fletcher on September 2nd as being the former lessee of record and the sole holder of that particular lease. Information copies were furnished to those known to be interested, in some manner, in the well.

As to the "rightful owner" of the "non-essential" equipment in the well, the State, of course as mentioned in the letter to Mr. Fletcher, is the sole owner of that equipment. However, and again as stated to Mr. Fletcher, the Department, for the reasons therein assigned, does not presently insist on the assertion of that title. It explained this to Mr. Fletcher along, having no official knowledge with whom he might have been in contract nor the particulars of such agreements. If Teil Development qualifies to take advantage of the State's offer to Mr. Fletcher by virtue of being one of "his interests", that qualification must necessarily be through Teil's contractual relationship with Mr. Fletcher, if any there be. We assume that you are in communication with Mr. Fletcher in this regard.

You ask if the State has any objection to Teil entering the well for a purpose other than removal of the non-essential equipment. Again, our answer was, and is, directed to Mr. Fletcher solely. The only purposes for which the State would permit Mr. Fletcher's entry are for the purpose of 1) recovering "non-essential" equipment before 10:00 A.M. October 16, 1965 or 2) plugging for abandonment.

It is our hope that this satisfactorily answers the questions posed by you.

Yours very truly,

F. C. RYAN, SUPERVISOR  
Mineral, Oil and Gas  
Production Division

C  
O  
P  
Y

# 143

FCR:dmc  
cc: R. L. Fletcher  
Oil & Gas Conservation Commission ✓

October 6, 1965

Mr. Ed. J. Packwood  
516 West Kaler Drive  
Phoenix, Arizona 85021

Re: Yell Development Co.-Kruglich-Fletcher #1 State well  
NE/4SE/4 22-19E-26E, Apache County  
File 143

Dear Mr. Packwood:

This will acknowledge receipt of your letter of October 4, 1965.

Please be advised that no work, other than plugging of the captioned well, may be done under the old permit inasmuch as the lease upon which the well was originally drilled and upon which the captioned permit was issued has expired.

In addition, according to the provisions of Rule 202.C, when well operations have been suspended for sixty days or more a well shall be plugged and abandoned, unless written permission for "temporary abandonment" be obtained from the Commission. This of course has not been done.

The Commission of course would allow the operator or his representative to remove any "non-essential" equipment. Upon review of the file, the Commission is of the opinion that all casing, other than the 10-3/4 inch casing set at 129 feet may be removed. To properly plug this well, the 10-3/4 inch casing must be left in the hole.

A fifty-foot cement plug must be set at the total depth, which according to our records is 750 feet. This plug, consequently would run from 710 to 760 feet. A fifty-foot plug must be set from the depth of 150 feet up to the depth of 100 feet, and a fifteen-foot cement plug set at the surface with the proper identifying marker set therein.

Mr. Ed. J. Packwood

Page 2

October 6, 1965

According to our records, Tiel Development Company is the one responsible for this work or for the removal of equipment. This is in consideration of our records only, and does not comment upon subsequent lease ownership or rights, which as you are aware is being determined by the State Land Department.

Inasmuch as Tiel Development Company's bond, issued by Hartford Accident and Indemnity Company, No. 314,7714, is on file with this Commission to insure the proper plugging and abandonment of this well, this Commission must consequently look to Tiel Development Company for this work, unless the State Land Department exercises its rights and takes over this well and permits Apache Drilling Company to re-enter it.

In this event, Apache Drilling Company would be required to secure a new permit and a new bond and would assume the ultimate plugging and abandoning of this well.

However, I would again stress that the position of the Oil and Gas Conservation Commission is that Tiel Development Company is responsible at this time for the plugging and abandoning of the well.

Should you have any questions, would you please advise.

Yours very truly,

John Bannister  
Executive Secretary  
nr

cc: State Land Department  
Attention: Mr. F.C. Ryan

143

plugging program: (Assume  $10\frac{3}{4}$ " csg left in  
hole at 129')

(1) 50 foot cement plug at TD: (710'-760')

(2) 50 foot " " 100' - 150'

(3) 15 foot cement at surface - with marker

JS

#143

ED. J. PACKWOOD

516 WEST KALER DRIVE + PHOENIX, ARIZONA 85021

ASSOCIATED WITH:  
PACKWOOD REALTY & INVESTMENT CO.  
DEER VALLEY MEMORIAL GARDENS  
X TEIL DEVELOPMENT CO.  
ELI OIL & GAS DEVELOPMENT CO.  
PACKWOOD FOUNDATION

Oct. 4, 1965

Mr. John Bannister, Executive Secretary  
Oil & Gas Conservation Commission  
1624 West Adams  
Phoenix, Arizona

Dear Mr. Bannister:

You are familiar with the problem in connection with the Teil Development Co. No. 1 State Helium Well located in Section 22, Township 19 North, Range 26 East.

In a letter from the State Land Department to R. L. Fletcher dated Sept. 2, 1965, of which you received a copy, it was stated in paragraph No. 5 that the non-essential equipment may be removed from the Well in a manner in keeping with the rules and regulations of the Oil & Gas Conservation Commission.

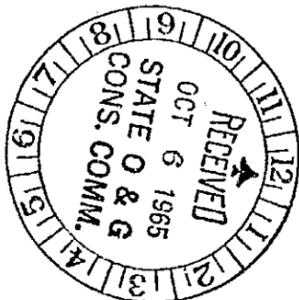
We assume of course that any such removal could be done only by the rightful owner. I wish you to please clarify if we are the rightful owner in so far as your records are concerned. Also please define non-essential equipment in the case involved. Then we shall need to know if you wish the Well in question to be plugged in the regular manner, if and when we remove the equipment.

We wish also to know if you have objection to our entering the Well for any purpose other than that of removing the non-essential equipment.

We shall appreciate your reply as soon as possible.

Yours very truly,

*E. J. Packwood*  
E. J. Packwood, President  
Teil Development Co.



# 143

September 13, 1965

VIA CERTIFIED MAIL  
RETURN RECEIPT REQUESTED

Mr. R. L. Fletcher  
7625 N. 7th Street  
Phoenix, Arizona 85020

Dear Mr. Fletcher:

Please refer to our letter dated September 2, 1965 in relation to the Teal Development Company State No. 1 well located in Section 22, Township 19 North, Range 26 East, Apache County, Arizona.

This is notice to you that the Department is extending for thirty days the time set in the subject letter for assertion of its title to the "non-essential" equipment in the subject well.

This action is being taken in the hope that equitable agreement can be reached by all concerned during the interim.

Yours very truly,

F. C. KIAN, SUPERVISOR  
Mineral, Oil and Gas  
Protection Division

FCK:dm

cc: Oil & Gas Conservation Commission  
Teal Development Company  
Apache Drilling Co., Inc.  
Bartman Hembury

# 143

**STATE LAND DEPARTMENT**

OFFICE OF THE  
STATE LAND COMMISSIONER  
PHOENIX 2, ARIZONA

STATE OF ARIZONA  
STATE OFFICE BUILDING  
PHOENIX 7, ARIZONA

REGISTERED MAIL  
MAILER  
PHOENIX 2, ARIZONA

September 2, 1965

- ACCOUNTING DIVISION  
PHONE 271-4822
- CONSERVATION DIVISION  
PHONE 271-4824
- LEGAL DIVISION  
PHONE 271-4826
- MINING AND QUARRYING DIVISION  
PHONE 271-4828
- PHONE 271-483
- RECORDS DIVISION  
PHONE 271-4837
- REGULATION DIVISION  
PHONE 271-4835
- WATER DIVISION  
PHONE 271-4825
- WATERWAYS AND SEWERS DIVISION  
PHONE 271-4831

Mr. E. L. Fletcher  
Executive Secretary  
Oil and Gas Conservation Commission  
1624 N. Adams  
Phoenix, Arizona 85007

Dear Mr. Fletcher:

The enclosed copy of a letter of this date to Mr. E. L. Fletcher is being forwarded to you for your information.

Yours very truly,

**F. G. WIS, SUPERVISOR**  
Mineral, Oil and Gas  
Production Division

FCH:dm

# 319

September 2, 1965

VIA CERTIFIED MAIL  
RETURN RECEIPT REQUESTED

Mr. R. L. Fletcher  
7620 N. 7th Street  
Phoenix, Arizona 85020

Dear Mr. Fletcher:

This is in relation to the Teal Development Company State No. 1 well located in the SW1/4 of Section 22, Township 19 North, Range 26 East, Apache County, Arizona.

As you will remember, this well, your expired Lease No. 5454, and the lease presently covering the ground, No. 9622, were discussed at length with you and others of interest about 60 days ago in the State Land Commissioner's Office.

At the time of the above meeting, July 1, 1965, the Department had before it a request made on June 18, 1965 by Apache Drilling Company for permission to re-enter the well for purposes of their own on behalf of the present lease-holder of the ground embracing the well, Hartmann Roxbury. This request raised the question of ownership of the well drilled by Teal Development and of the equipment within it. It was the position of the Department that according to the law it was in ownership that day of the actual drilled hole and that equipment within the hole deemed necessary by the State Oil and Gas Conservation Commission to its proper plugging. This type of equipment is best described as "permanent".

The period legally provided for the removal of non-permanent improvements from State-leased land expired on or about August 16, 1965 -- Oil and Gas Lease No. 5454 having expired on May 16, 1965. It follows that the State acquired title to the remaining "non-essential" or "non-permanent" equipment on August 16th, and today is in full ownership of the well and all its equipment.

However, the Department is not in the business of salvaging production tubing and other "non-permanent" equipment from wells; neither is it inclined to take undue advantage of its lessee's errors of omission; rather, it would hope that the matter could be resolved to the best interests of the State and with reasonable equity to all concerned without the Department asserting title to the tubing and other non-essential equipment. In this vein it is recommended that you and your interests immediately take whatever steps are necessary to effect an agreement with Apache Drilling Company permitting their use of the "non-essential" equipment in the hole or

Page 2 (continued)

R. L. Fletcher

Sept. 2, 1965

alternatively, removing such equipment from the premises in a manner in keeping with the rules and regulations of the Oil and Gas Conservation Commission.

This is notice to you that the Department will assert its title to any tubing and other "non-essential" equipment remaining in the hole at 10:00 A.M., September 16, 1965. Immediately thereafter the request for re-entry by Apache will be considered on its merits whether or not Apache is at that time bound to you and your interests by agreement.

Copies of this letter are being furnished to those known to have evidenced interest in this matter.

Yours very truly,

F. C. WILK, SUPERVISOR  
General, Oil and Gas  
Production Division

Furnished

cc: Oil & Gas Conservation Commission  
Tool Development Company  
Apache Drilling Co., Inc.  
Bartman Rotary

July 9, 1965

Mr. Obed M. Lassen  
Commissioner, State Land Department  
400 Arizona State Office Bldg.  
Phoenix, Arizona 85007

Re: Apache Drilling Co. Inc.  
Application to Re-enter Tiel Development Co. #1 State  
well, located NE/4SE/4, 22-T19N-R26E, Apache County,  
your lease 9622  
Our File 319

Dear Mr. Lassen:

On June 29, 1965 Apache Drilling Co. Inc., through its Executive Vice President, Mr. C.T. Henderson, made application to re-enter the old Tiel well.

I had been advised that the lease upon which the Tiel well was drilled, your lease 3454, has expired and that your lease 9622 was issued to Mr. Hartman Roxbury and subsequently acquired by Mr. C.T. Henderson.

Inasmuch as the expiration of the former lease would place the State in the position of ownership of the well, would you please advise this office, at your earliest convenience, if you acquiesce in the use of this well by Mr. Henderson. This office does not question Mr. Henderson's right to drill under State lease 9622. However, inasmuch as this well now is State property, this office feels that future use of this well should be done only with your permission.

Should you have any questions, would you please advise.

Yours very truly,

John Bannister  
Executive Secretary  
BT

TEIL DEVELOPMENT COMPANY  
420 Guaranty Bank Building  
Phoenix, Arizona

April 17, 1962

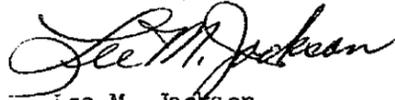
Mr. D. A. Jerome, Executive Secretary  
Arizona Oil & Gas Conservation Commission  
3500 North Central Avenue  
Phoenix, Arizona

Dear Sir:

This is to confirm to you that our mailing and office address has  
been changed from 3789 Grand Ave, Phoenix to the following:

TEIL Development Company, Inc.  
420 Guaranty Bank Building  
3550 North Central Avenue  
Phoenix 12, Arizona

Yours very truly,



Lee M. Jackson  
Secretary-Treasurer

(6/11/62)

3-15-62  
To 9-15-62  
Confidential  
D & G

420 Guaranty Bank Bldg.  
Phoenix, Arizona  
March 15, 1962

Mr. D. A. Jerome, Executive Secretary  
Arizona Oil & Gas Conservation Commission  
3500 North Central Ave  
Phoenix, Arizona

Dear Mr. Jerome:

Attached is our "Well Completion Report" (Form P-7) on our well in section 22, T19N R26E, Apache County, Arizona.

The information given on this report under "Initial Production", is taken from a report furnished us by Mr. Richard Otto, of Kerr-McGee Oil Industries, of the tests he made on the well.

We request that this information be kept confidential for the present time, as provided by law, or until such time as we authorize its release.

Sincerely yours,  
TEIL DEVELOPMENT COMPANY

*Lee M. Jackson*

Lee M. Jackson  
Secretary-Treasurer

March 6, 1962

Mr. E. J. Packwood, President  
Teil Development Company  
420 Guaranty Bank Building  
Phoenix 12, Arizona

Re: Teil Development Co. State #1 - Sec. 22  
T 19 N, R 26 E, Apache County

Dear Mr. Packwood:

Your letter of March 1, 1962 has been received and the contents thereof carefully noted. We hope that the information you state therein is correct and if your well is a commercial well that you will have it on production soon.

You are well aware, I am sure, that you will have to file with this Commission completion reports on this well and these are required 30 days after the well has been completed. It would, therefore, appear to us that you should file these forms with us now.

If there is anything we can do to help you, call at the office in person or notify us and we shall endeavor to do everything in our power consistent with our legal limitations.

Yours very truly,

D. A. Jerome  
Executive Secretary

encs WELL COMPLETION FORMS NO. P-7

420 Guaranty Bank Bldg.  
Phoenix 12, Arizona  
March 1, 1962

Mr D. A. Jerome, Executive Secretary  
Oil & Gas Commission  
3500 N. Central - Suite 221  
Phoenix 12, Arizona

Dear Mr Jerome:

Thanks for your letter of February 21st in which you gave us information regarding bond on Saate # 1 SW NE SE Sec. 22 T19N R26E, and in which you ask that we give you information on our plans for this Well.

We have completed the Well and have same tested by Kerr-McGee Oil Co. and find from their tests that said Well is of commercial value. Kerr-McGee Officials have assured us that they shall offer us a contract to purchase production from this Well when enough wells are in our area to justify their running a pipeline to our Well. Or should we find a way of delivering the production to their line they are ready to offer us a contract.

With this information we shall appreciate your Commission taking the necessary steps to classify our Well as completed.

We appreciate the fine cooperation that we have always recieved from your office.

Yours very truly,

*E. J. Packwood*  
E. J. Packwood, President  
Teil Development Co.

February 21, 1962

Teil Development Co. Inc.  
3789 Grand Avenue  
Phoenix, Arizona

Re: Teil Development Co. Inc. State #1 - SW NE SE  
Sec. 22, T19N, R26E, Apache County

Gentlemen:

Enclosed is a copy of a letter we air mailed special  
delivery today which is self-explanatory.

To satisfy your bonding company and for our records,  
would you please advise us at your earliest opportunity  
what your plans are in regard to the above captioned  
well.

Yours very truly,

D. A. Jerome  
Executive Secretary

enc 1

February 21, 1962

Hartford Accident and Indemnity Company  
720 California Street  
San Francisco, California

Re: Teil Development Co., Inc. Bond No. 3147714  
State #1 Well - SW NE SE Sec. 22, T19N, R26E  
Apache County, Arizona

Gentlemen:

Your registered letter concerning notice of cancellation of the above designated bond is herewith acknowledged.

This commission cannot honor your cancellation of bond until such time as this well is either completed as a producer or plugged and abandoned. We are sending a copy of this letter to the Teil Development Co. Inc., this city, and will ask them to forthwith advise us as to their plans with respect to said well.

In the event the well is completed as a producer and your company is still desirous of cancelling the bond, we will not be able to permit this until there is a bond filed in lieu of this bond. Our statutes and regulations require this and, therefore, we cannot give you the relief you seek.

Yours very truly,

D. A. Jerome  
Executive Secretary

cc Teil Development Co., Inc., 3789 Grand Ave., Phoenix.

REGISTERED MAIL  
RETURN RECEIPT REQUESTED

# Hartford Accident and Indemnity Company

Hartford, Connecticut

## NOTICE OF CANCELATION

February 15, 19.62.

State of Arizona  
Oil and Gas Conservation Commission  
3500 North Central Avenue  
Phoenix, Arizona

Bond No. 3147714

WHEREAS, on or about the 22nd day of March A. D. 19.61, the  
Hartford Accident and Indemnity Company, as Surety, executed its Well Drilling bond in the penalty of  
TWO THOUSAND FIVE HUNDRED AND NO/100 Dollars (\$2,500.00), on behalf of  
TELL DEVELOPMENT CO., INC. of PHOENIX, ARIZONA  
as Principal, in favor of STATE OF ARIZONA, as Obligee, and

WHEREAS, said bond, by its terms, provides that the said Surety shall have the right to terminate its suretyship  
thereunder by serving notice of its election so to do upon the said Obligee, and  
WHEREAS, said Surety desires to take advantage of the terms of said bond and does hereby elect to terminate its  
liability in accordance with the provisions thereof,  
NOW, THEREFORE, be it known that the Hartford Accident and Indemnity Company shall, at the expiration  
of Thirty (30) days after receipt of this notice, consider itself released from all liability by reason of any  
default committed thereafter by the said Principal.

Signed and sealed this 15th day of February A. D. 19.62.  
cc: Tell Development Co., Inc. HARTFORD ACCIDENT AND INDEMNITY COMPANY  
cc: Betts-Traubel Ins.  
cc: Phoenix Service Office

By *Harold D. Rigney*  
Harold D. Rigney, Attorney-in-Fact

Janb

### ACKNOWLEDGMENT

Your Notice of Cancellation as set forth above received. We have arranged to cancel said bond effective

\_\_\_\_\_ day of \_\_\_\_\_ A. D. 19\_\_\_\_\_  
Date \_\_\_\_\_ 19\_\_\_\_\_

By \_\_\_\_\_

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REGISTERED MAIL  
RETURN RECEIPT REQUESTED

**Hartford Accident and Indemnity Company**  
Hartford, Connecticut

NOTICE OF CANCELATION

February 15, 19.62.

State of Arizona  
Oil and Gas Conservation Commission  
3500 North Central Avenue  
Phoenix, Arizona

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cc: Tell Development Co., Inc. HARTFORD ACCIDENT AND INDEMNITY COMPANY  
cc: Betts-Traubel Ins.  
cc: Phoenix Service Office

By Harold D. Rigney, Attorney-in-Fact

janb

ACKNOWLEDGMENT

PLEASE RETURN TO  
HARTFORD ACCIDENT & INDEMNITY CO.  
720 CALIFORNIA STREET  
SAN FRANCISCO, CALIF.

Your Notice of Cancellation as set forth above received. We have arranged to cancel said bond effective

..... day of ..... A. D. 19.....  
Date ..... 19.....

By .....

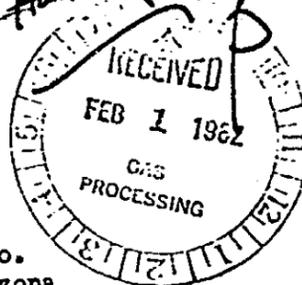
143

KERR-McGEE OIL INDUSTRIES, INC.  
INTERNAL CORRESPONDENCE

TO C. H. Brady  
Att Harry Hamilton  
FROM Richard R. Otto

DATE January 29, 1962

SUBJECT Teil Development Co.  
Apache County, Arizona  
State No. 1 SW-NE-SE  
Sec. 22-19N-26E



On January 29, 1962 upon the request of Mr. Jackson I made a check of this location. This well having been shut in for eight days prior to this date, showed a well head pressure at 9:30 A.M., via dead weight tester, of 97.4 #.

Upon completing this test, an Orifice well Tester was attached to the well casing and opened for flow to the atmosphere through a 1" orifice plate. At the end of a five minute period the pressure leveled off at 30 lbs. PSIG, via Tests Gauge, indicating a flow at this time of 1,834 MCF/D.

Immediately after this time a 1½" orifice plate was placed in the tester and well flowed to the atmosphere for an additional five minutes with the pressure leveling off at 11 lbs. PSIG, via Test Gauge, indicating a flow of 2,374 MCF/D.

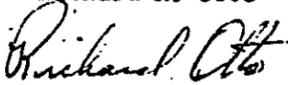
Immediately after this time a 2" orifice plate was placed in the tester and the well flowed to the atmosphere for a third period of five minutes with the pressure leveling off at 5 lbs. PSIG, via Test Gauge, indicating a flow of 3,220 MCF/D.

After 15 minutes of gas flowing to the atmosphere in the above mentioned manner water vapor began to appear, increasing at a slow rate for approximately ten minutes. After reaching its peak amount of water vapor it began to diminish at a slow rate for approximately 20 minutes and seemed to level off, emitting in vapor form, an estimated one gallon of water every 15 minutes. After the well had flowed at this leveled off rate for an additional 10 minutes a 2" test nipple 12" long was placed in the well head plug valve and a Pitot Tube reading taken.

At the time of the Pitot Tube reading this well had been open to flow to the atmosphere in the above mentioned manner for a total period of one (1) hour. At this time with gas flowing through a 2" Test Nipple a reading of five (5) inches of water was recorded indicating a flow of 310 MCF/D.

After this time having completed all tests the wellhead was shut in and at once a gas sample was again caught with the sample bomb gauge indicating a immediate pressure of 20 lbs. PSig. Having filled the sample bomb, a Test Gauge was again attached showing an increase in pressure, after a five minute period, to 25 lbs. PSIG. After a ten minute period of shut in a pressure of 39 lbs. PSIG, via Test Gauge, was recorded. At this time all tests were completed.

OK.   
C. L. Wiss

Richard R. Otto  


March 20, 1961

Mr. E. J. Packwood, President  
Teil Development Company, Inc.  
3789 Grand Avenue  
Phoenix, Arizona

Dear Mr. Packwood:

Enclosed you will find the emergency order permitting the unorthodox location of your #1 State. I am also enclosing the approved copy of the Notice of Intention to Drill together with a copy of the Notice of Hearing which is set for 1:15 P. M. on April 26, 1961.

Best of luck on this venture. If we can be of any help, please do not hesitate to call upon us.

Yours very truly,

Brooks Pierce  
Petroleum Geologist

BP:hme  
encs 3



OFFICE OF

**Oil and Gas Conservation Commission**

STATE OF ARIZONA  
3500 N. CENTRAL - SUITE 221  
Phoenix 12, Arizona  
CR 9-3397 CR 9-2731

D. A. JEROME  
EXECUTIVE SECRETARY

PAUL FANNIN  
GOVERNOR

ANTHONY T. DEDDENS  
CHAIRMAN

M. F. WHARTON  
VICE CHAIRMAN

CHARLES KALIL, M.D.  
MEMBER

R. KEITH WALDEN  
MEMBER

ERNEST W. CHILSON  
MEMBER

March 16, 1961

Oil and Gas Conservation Commission  
3500 North Central Avenue-Suite 221  
Phoenix, Arizona

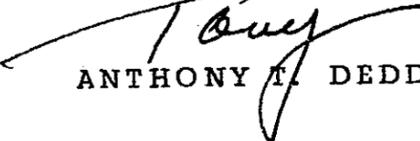
Attn: Mr. Brooks Pierce

Dear Mr. Pierce:

Enclosed herewith is original and carbon copy of Form OG 51, Notice of Intention to Drill New Well, applicant Teil Development Company, Inc., both of which I have signed this date.

Please observe that this approved application is not to be released until the required bond has been filed in the office.

Very truly yours,

  
ANTHONY T. DEDDENS

ATD/ma  
Encls.

PS. Please have some more Oil and Gas envelopes ready for me when I come up for the next meeting.