

P-W

CURTIS J. LITTLE  
TSEGEHOT-TSANE -NAV  
NW 1/4 Sec 22 T37N R-29E APACHE CO 503

COUNTY Apache AREA 3 mi. No. Cove LEASE NO. Curtis J. Little

WELL NAME CURTIS J. LITTLE 1-22 TSEGEHOT-TSANE - Navajo

LOCATION NW/NW SEC 22 TWP 37N RANGE 29E FOOTAGE 330' FNL - 490' FWL

ELEV 6440 GR 6451 KB SPUD DATE 8-27-71 STATUS P&A TOTAL DEPTH 3765  
 COMP. DATE 9-13-71

CONTRACTOR Loffland Bros. Rig 19, Farmington, N.M.

CASING SIZE	DEPTH	CEMENT	LINER SIZE & DEPTH	DRILLED BY ROTARY	<u>X</u>
<u>9 5/8"</u>	<u>108'</u>	<u>100 sks</u>		DRILLED BY CABLE TOOL	
				PRODUCTIVE RESERVOIR	
				INITIAL PRODUCTION	<u>Dry hole</u>

FORMATION TOPS	DEPTHS	SOURCE		REMARKS
		L.L.	E.L.	
<u>Chinle</u>	<u>Surface</u>			<u>See Am Strat Log</u>
<u>De Chelly</u>	<u>1103</u>			
<u>Hermosa</u>	<u>3119</u>			
<u>Barker Creek</u>	<u>3552</u>			
<u>Pinkerton Trail</u>	<u>3696</u>			
<u>Molas</u>	<u>3735</u>			

ELECTRIC LOGS	PERFORATED INTERVALS	PROD. INTERVALS	SAMPLE LOG <u>Am Strat</u>
<u>Dual Ind-Laterolog,</u>	<u>NA</u>	<u>NA</u>	SAMPLE DESCRP.
<u>Proximity-Microlog</u>			SAMPLE NO. <u>1676</u>
<u>Sidewall Neutron Por.</u>			CORE ANALYSIS <u>X</u>
			DSTs <u>3</u>

REMARKS \_\_\_\_\_ APP. TO PLUG \_\_\_\_\_  
 PLUGGING REP. X  
 COMP. REPORT X

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

BOND CO. U.S.F. & G. BOND NO. 01-0130-918-71  
 BOND AMT. \$ 5,000 CANCELLED \_\_\_\_\_ DATE \_\_\_\_\_  
 FILING RECEIPT 2898 LOC. PLAT X WELL BOOK X PLAT BOOK X  
 API NO. 02-001-20149 DATE ISSUED 8-21-71 DEDICATION W/2 NW/4

PERMIT NUMBER 563



### 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 **Curtis J. Little** Address **P.O. Box 8976, Albuquerque, N.M.**

Federal, State or Indian Lease Number or name of lessor if fee lease **Navajo Tribal NOO-C-14-20-2203** Well Number **1-22** Field & Reservoir **Wildcat**

Location **330' FNL & 490' FWL** County **Apache**

Sec. TWP-Range or Block & Survey **Section 22, T 37N, R 29E, G.S.R.M.**

Date spudded **8-27-71** Date total depth reached **9-10-71** Date completed, ready to produce **9-13-71 (plugged)** Elevation (DF, BKB, RT or Gr.) **6451 KB** feet Elevation of casing hd. **6440** feet

Total depth **3765** P.B.T.D.  Single, dual or triple completion?  If this is a dual or triple completion, furnish separate report for each completion.

Producing interval (s) for this completion **0-3765** Rotary tools used (Interval) **0-3765** Cable tools used (Interval)

Was this well directionally drilled? **NA** 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) **Dual Induction-Laterolog, Gamma Ray-Caliper Neutron Por., Proximity-Microlog** 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	13 3/4"	9 5/8"	36#	108	100 sx circ	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

INITIAL PRODUCTION

Date of first production **9-24-71** Producing method (indicate if flowing, gas lift or pumping—if pumping, show size & type of pump:)

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'ted 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 **operator** of the **Wildcat** (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 **9-24-71** **RECEIVED** Signature **Curtis J. Little**

**SEP 27 1971**  
O & G CONS. COMM.

Permit No. **563** STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION Well Completion or Recompletion Report and Well Log Form No. 4 File Copy **2**

WELL SITE CHECK

By WETA

Date 1-19-77

Contractor \_\_\_\_\_

Person(s) Contacted \_\_\_\_\_

Spud Date \_\_\_\_\_

Type Rig \_\_\_\_\_  
Rotary \_\_\_\_\_  
Cable \_\_\_\_\_

Present Operations \_\_\_\_\_

Samples \_\_\_\_\_

Pipe \_\_\_\_\_

Drilling with Air \_\_\_\_\_  
Mud \_\_\_\_\_

Water Zones \_\_\_\_\_

Size Hole \_\_\_\_\_

Lost Circ. Zones \_\_\_\_\_

Size Drill Pipe \_\_\_\_\_

Formation Tops \_\_\_\_\_

Type Bit \_\_\_\_\_

Cores, Logs, DST \_\_\_\_\_

No. Bit \_\_\_\_\_ Drilling Rate \_\_\_\_\_

Crews \_\_\_\_\_

Formation \_\_\_\_\_

Lithology \_\_\_\_\_

REMARKS, PHOTO, MAP

*This check made  
to determine condition  
of location following  
cleanup*



WELL NAME Curtis Little  
Navajo-Tribal T-22

Permit No. 500

Confidential Yes No

5/10/71

CURTIS J. LITTLE  
CONSULTING GEOLOGIST  
TELEPHONE (505) 268-8741  
POST OFFICE BOX 8976  
4300 SILVER AVENUE, S. E.  
ALBUQUERQUE, NEW MEXICO 87108

December 30, 1971

Mr. W. E. Allen  
Arizona Oil & Gas Conservation Commission  
4515 North 7th Avenue  
Phoenix, Arizona 85013

Re: 1-22 Tsegehot-tsane  
Section 22, T 37N, R 29E  
Apache County, Arizona

Dear Bill:

The 1-22 location was cleaned-up by Allen Construction December 7, 1971.

We would appreciate your checking this location and giving authorization to Western Assurance for termination of our bond on this location.

Thank you.

Best regards,

  
Anne B. Little

abl

RECEIVED

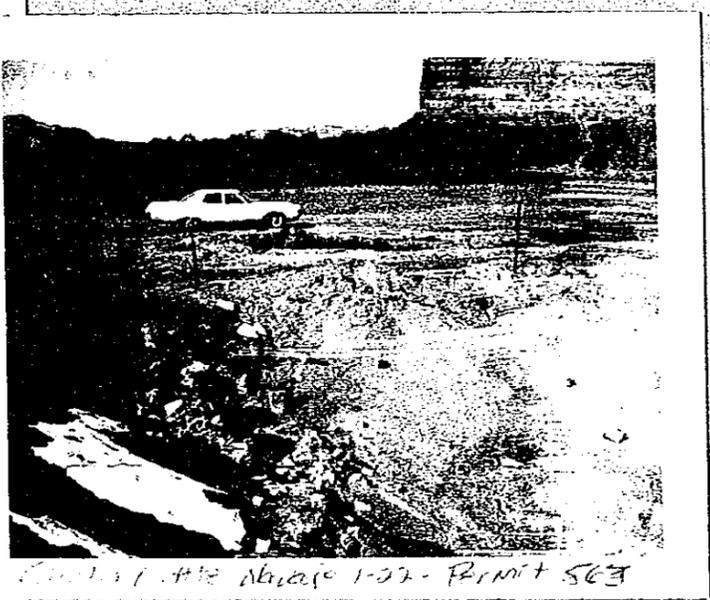
JAN 03 1972

O & G CONS. COMM.

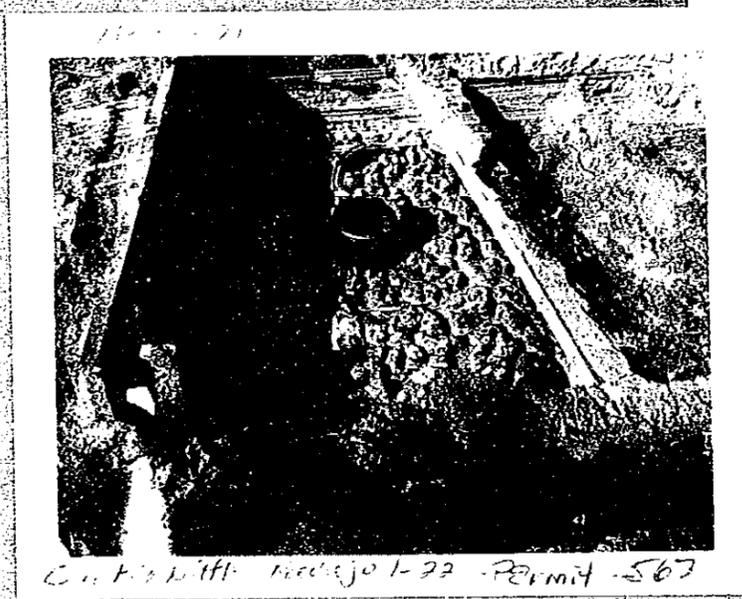


11-4-71

Cook's Creek near permit #505

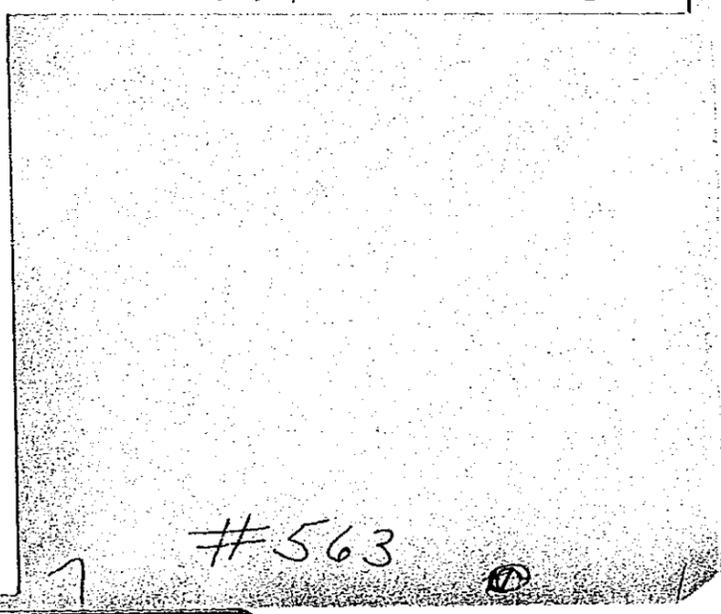


Permit #505 Abasco 1-27-71 Permit 505



11-4-71

Cook's Creek near permit #567



#563

*FEIN 150  
NO*

BIT RECORD

No.	Formation	Size	Make	Type	Depth		Feet	Hours	Ft/Hr	Remarks	
					In	Out					
1	Chinle	13 3/4	Hughes	3AJ (Re-tip)	0	108	108	6.25	17.28	Teeth good Bearings good	
2	Chinle	7 7/8	Hughes	X1G	108	1099	991	20.75	47.76	Teeth dull Bearings fair	
3	DeChelly	7 7/8	Smith	DGTH	1099	1706	607	16.25	37.35	Teeth bald Bearings loose	
4	Organ Rock (Cutler)	7 7/8	Reed	YS4G	1706	2010	304	22.75	13.36	Teeth bald Bearings loose	
5	Supai (Cutler)	7 7/8	Hughes	X1G	2010	2780	770	48.25	15.96	Teeth bald Bearings locked	
6	Hermosa	7 7/8		J-33	2780 3642	3535 3765	878	78.50	11.18	Inserts broken Bearings good	
7	Hermosa	7 27/32	Christensen	114503	3535	3642	107	12.50	8.56	Good	
							<u>3765</u>	<u>205.25</u>	<u>18.34</u>	TOTAL TIME AND AVERAGE FT/HR	

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NOV 01 1977  
O & G CONS. COMM.

October 22, 1971

Received samples on the Cutis Little, #1 Nav. Tribal  
Tsegehot-Tsane  
Sec. 22-37N-29E  
Apache C. Arizona

Permit # 563-today.

*Jo Ratcliff*

MEMBERS SAMPLE CUT ASSOCIATION  
P. O. BOX 879  
FARMINGTON, NEW MEXICO

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OCT 27 1971

O & G CONS. COMM.

#563

Form 9-331  
(May 1963)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPlicate  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.  
**NCC-C-14-20-2203**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
**Navajo Tribal**

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
**Tsegehot-tsane**

9. WELL NO.  
**1-22**

10. FIELD AND POOL, OR WILDCAT  
**Wildcat**

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
**Sec. 22, T37N, R29E**

12. COUNTY OR PARISH 13. STATE  
**Apache Arizona**

**SUNDRY NOTICES AND REPORTS ON WELLS**  
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL  GAS WELL  OTHER **Wildcat**

2. NAME OF OPERATOR  
**Curtis J. Little**

3. ADDRESS OF OPERATOR  
**P.O. Box 8976, Albuquerque, New Mexico 87108**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\* See also space 17 below.)  
At surface  
**330' FNL & 490' FWL**

14. PERMIT NO.  
**Arizona 563**

15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
**6440 GL**

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input checked="" type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

**Total depth - 3765 feet.**

**The following abandonment approved by M. L. Seelinger, U.S.G.S. and John Bannister, Arizona O&G Commission.**

**Plugged and abandoned September 13, 1971 as follows:**

<b>3750 - 3500</b>	<b>85 sx</b>
<b>3205 - 3055</b>	<b>50 sx</b>
<b>1815 - 1665</b>	<b>50 sx</b>
<b>1180 - 1030</b>	<b>50 sx</b>
<b>108 - 91</b>	<b>10 sx</b>

**Regulation dryhole marker installed. Reserve pit fenced to be sheep-proof awaiting evaporation.**

18. I hereby certify that the foregoing is true and correct

SIGNED Curtis J. Little TITLE Operator DATE 9-24-71

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

SEP 27 1971

O & G CONS. COMM.

\*See Instructions on Reverse Side

**CORE ANALYSIS RESULTS**

Company Curtis Little Formation Barker Creek File RP-3-2491  
Well 1-22 Tsegehot-Tsane Core Type Dia. Conv. 4" Date Report 9-8-71  
Field Wildcat Drilling Fluid Low Solids Analysts Mohl  
County Apache State Arizona Elev. 6440 GL Location NW NW Sec 22 - T 37N - R 29E

**Lithological Abbreviations**

SAND-SD SHALE-SH LIME-LM	DOLOMITE-DOL CHERT-CH GYPSUM-GYP	ANHYDRITE-ANH CONGLOMERATE-CONG FOSSILIFEROUS-FOSS	SANDY-SDV SHALY-SHY LIMY-LMY	FINE-FN MEDIUM-MED COARSE-CSZ	CRYSTALLINE-XLN GRAIN-GRN GRANULAR-GRNL	BROWN-BRN GRAY-GY UGGY-VGY	FRACTURED-FRAC LAMINATION-LAM STYLOLITIC-STY	SLIGHTLY-SL/ VERY-V/ WITH-W/
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SAMPLE NUMBER	DEPTH FEET	PERMEABILITY MILLIDARCY		POROSITY PER CENT	RESIDUAL SATURATION PER CENT PORE		SAMPLE DESCRIPTION AND REMARKS
		Max.	900		OIL	TOTAL WATER	
1	3559-60	5.1	3.4	10.1	1.5	80.8	Ls, gry, suc, shly, vf
2	3560-61	7.6	4.5	12.3	1.8	75.0	Ls, gry, suc, vf
3	3561-62	1.4	<0.1	6.9	2.5	53.3	Ls, gry, suc, shly, vf
4	3562-63	1.0	0.1	15.8	3.2	65.4	Ls, gry, suc, shly, vf
5	3563-64	0.2*		13.9	4.1	56.8	Ls, gry, suc, dolo, vf
6	3564-65	2.0*		27.3	4.9	58.6	Ls, gry, suc, dolo, vf
7	3565-66	9.6	2.5	13.7	3.6	59.8	Dolo, gry, suc, sl calc, vf
8	3566-67	1.0*		7.8	6.2	35.2	Dolo, gry, suc, sl calc, vf
9	3567-68	0.5	<0.1	4.8	4.0	65.6	Ls, gry, suc, dolo, vf
10	3568-69	0.6	<0.1	5.8	5.2	61.9	Ls, gry, suc, dolo, vf
11	3569-70	0.3	0.2	7.0	1.3	50.6	Ls, gry, suc, dolo, vf
12	3570-71	<0.1	<0.1	6.4	4.8	53.0	Ls, gry, suc, dolo, vf

\* Unable to obtain whole core permeability sample

13 3633-34 <0.01 2.6

Porosity and permeability only

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SEP 27 1971

O & G CONS. COMM.

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE (See other Instructions on reverse side)

Form approved. Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1. TYPE OF WELL: OIL WELL [ ] GAS WELL [ ] DRY [X] Other [ ]

b. TYPE OF COMPLETION: NEW WELL [ ] WORK OVER [ ] DEEP-EN [ ] PLUG BACK [ ] DIFF. RESVR. [ ] Other [ ]

2. NAME OF OPERATOR: Curtis J. Little

3. ADDRESS OF OPERATOR: P.O. Box 8976, Albuquerque, New Mexico 87108

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements): At surface 330' FNL & 490' FWL. At top prod. interval reported below. At total depth Same

5. LEASE DESIGNATION AND SERIAL NO. NCO-C-14-20-2203

6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo Tribal

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME Tsagehot-tsane

9. WELL NO. 1-22

10. FIELD AND POOL, OR WILDCAT Wildcat

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 22, T37N, R29E

12. COUNTY OR PARISH Apache 13. STATE Arizona

14. PERMIT NO. Arizona 563 15. DATE ISSUED 8-27-71

16. DATE SPUNDED 8-27-71 17. DATE T.D. REACHED 9-10-71 18. DATE COMPL. (Ready to prod.) 9-13-71 (plugged) 19. ELEVATIONS (DF, RES, RT, OR, ETC.)\* 6451 KB 20. RELEV. CASINGHEAD 6440

21. TOTAL DEPTH, MD & TVD 3765 22. PLUG, BACK T.D., MD & TVD 23. IF MULTIPLE COMPL., HOW MANY\* 24. INTERVALS DRILLED BY 0-3765 25. ROTARY TOOLS 26. CABLE TOOLS 27. WAS DIRECTIONAL SURVEY MADE

28. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*

29. TYPE ELECTRIC AND OTHER LOGS RUN: Dual Induction-Laterolog, Gamma Ray-Caliper Neutron Porosity, Proximity-Microlog. 30. WAS WELL CORRED Yes

Table with 6 columns: CASING SIZE, WEIGHT, LB./FT., DEPTH SET (MD), HOLE SIZE, CEMENTING RECORD, AMOUNT FULLED. Row 1: 9 5/8", 36#, 108, 13 3/4", 100 sx circulated, none.

Table with 7 columns: SIZE, TOP (MD), BOTTOM (MD), SACKS CEMENT\*, SCREEN (MD), SIZE, DEPTH SET (MD), PACKER SET (MD). Header: LINER RECORD.

Table with 2 columns: DEPTH INTERVAL (MD), AMOUNT AND KIND OF MATERIAL USED. Header: 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

Table with 8 columns: DATE FIRST PRODUCTION, PRODUCTION METHOD, WELL STATUS, DATE OF TEST, HOURS TESTED, CHOKES SIZE, PROD'N. FOR TEST PERIOD, OIL-BBL., GAS-MCF., WATER-BBL., GAS-OIL RATIO. Header: 33. PRODUCTION.

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) TEST WITNESSED BY

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records. SIGNED: Curtis J. Little, TITLE: Operator, DATE: 9-24-71

(See Instructions and Spaces for Additional Data on Reverse Side)

RECEIVED SEP 27 1971

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 38, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be filed on this form, see item 38.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 18:** Indicate which elevation is used, as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s), and name(s) (if any) for only the interval reported in item 38. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29:** "Seals Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

**Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

FORMATION	TOP		DESCRIPTION, CONTENTS, ETC.	BOTTOM		GEOLOGIC MARKERS		
	1103	1740		1740	3601	NAME	MEAS. DEPTH	FROM VERT. DEPTH
DeChelly	1103	1740	Sandstone - fresh water.	1740		Triassic	Surface	
Hermosa	3119	3135	Sandstone: cream, fine grained, calcareous, no shows.	3135		Chinle	1103	
Barber Creek	3552	3566	Limestone: cream, fossiliferous, porous, oil saturated.	3566		Permian	1740	
Pinkston Trail	3696	3710	Sandstone: cream, fine to coarse grained, slightly calcareous. No shows.	3710		DeChelly	2166	
Core #1	3535	3557	Recovered 22 feet.	3557		Organ Rock	2860	
Core #2	3557	3601	Recovered 44 feet.	3601		Supai	3495	
Core #3	3601	3642	Recovered 41 feet.	3642		Pennsylvanian	3735	
DST #1	3536	3601	Op 10 min, SI 1 hr, Op 90 min, SI 8 min, Op 117 min, SI 105 min.	3601		Hermosa		
			Strong blow air decreasing to very weak blow air. Recovered 658' mud cut very slightly w/oil & gas. FP 132-1187, SIP 561-1187, HP 1625-1585.			Blk Sh Marker		
DST #2	3488	3620	Mis-run.	3620		Molas		
DST #3	3476	3620	Op 5 min, SI 70 min, Op 5 hrs, SI 2 1/2 hrs. Recovered 175' mud, No shows. FP 92-184, SIP 1304-548, HP 1724-1724.	3620				

Form 9-331  
(May 1963)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPlicate  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.  
**NCO-G-14-20-2203**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
**Navajo Tribal**

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
**Tsegehot-tsane**

9. WELL NO.  
**1-22**

10. FIELD AND POOL, OR WILDCAT  
**Wildcat**

11. SEC., T., R., M., OR BLE. AND  
SURVEY OR AREA  
**Sec. 22, T37N, R29E**

12. COUNTY OR PARISH 13. STATE  
**Apache Arizona**

**SUNDRY NOTICES AND REPORTS ON WELLS**  
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT--" for such proposals.)

1. OIL WELL  GAS WELL  OTHER **Wildcat**

2. NAME OF OPERATOR  
**Curtis J. Little**

3. ADDRESS OF OPERATOR  
**P.O. Box 8976, Albuquerque, New Mexico 87108**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface  
**330' FNL & 490' FWL**

14. PERMIT NO.  
**Arizona 563**

15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
**6440 GR**

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input checked="" type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Spudded well @ 11:00 PM, 8-27-71.  
Drilled 13 3/4" hole to 110'. Set 97.32' of 9 5/8", 367, J-55 csg  
@ 107.32' KB.  
Circulated cement w/100 sx Class A w/2% CaCl.  
Plug down @ 8:40AM.

18. I hereby certify that the foregoing is true and correct

SIGNED Curtis J. Little TITLE Operator DATE 9-1-71

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

SEP 03 1971

O & G CONS. COMM.

\*See Instructions on Reverse Side

563  
-12

## APPLICATION FOR PERMIT TO DRILL OR RE-ENTER

APPLICATION TO DRILL

RE-ENTER OLD WELL

Curtis J. Little		
NAME OF COMPANY OR OPERATOR		
P.O. Box 8976	Albuquerque	New Mexico 87108
Address		
Loffland Bros. Co. Rig 19		
Drilling Contractor		
Farmington, New Mexico		
Address		
DESCRIPTION OF WELL AND LEASE		
Federal, State or Indian Lease Number, or if fee lease, name of lessor	Well number	Elevation (ground)
Navajo Tribal NOO-C-14-20-2203	1-22 Tsegehot-tsane	6440 GL
Nearest distance from proposed location to property or lease line:	Distance from proposed location to nearest drilling, completed or applied—for well on the same lease:	
330 feet	None feet	
Number of acres in lease:	Number of wells on lease, including this well, completed in or drilling to this reservoir:	
2560	None	
If lease, purchased with one or more wells drilled, from whom purchased:	Name	Address
NA		
Well location (give footage from section lines)	Section—township—range or block and survey	Dedication (Comply with Rule 105)
330' FNL, 490' FWL	22 - 37N-29E	W/2 NW/4
Field and reservoir (if wildcat, so state)	County	
Wildcat	Apache	
Distance, in miles, and direction from nearest town or post office		
3 miles north Cove, Arizona		
Proposed depth:	Rotary or cable tools	Approx. date work will start
3800'	Rotary	August 25, 1971
Bond Status	Organization Report	Filing Fee of \$25.00
To be delv'd by USF	On file yes Or attached	Attached yes
Amount \$5,000.00		
Remarks:		
CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the _____ operator _____ of the _____ individual _____ (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.		
 Signature		
August 21, 1971		
Date		
Permit Number: 563	STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION Application to Drill or Re-enter File Two Copies	
Approval Date:		
Approved By:		
Notice: Before sending in this form be sure that you have given all information requested. Much unnecessary correspondence will thus be avoided.		
Form No. 3		

(Complete Reverse Side)

1. Operator shall outline the dedicated acreage for both oil and gas wells on the plat.
2. A registered professional engineer or land surveyor registered in the State of Arizona or approved by the Commission shall show on the plat the location of the well and certify this information in the space provided.
3. All distances shown on the plat must be from the outer boundaries of the Section.
4. Is the Operator the only owner in the dedicated acreage outlined on the plat below? YES  NO
5. If the answer to question four is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? YES  NO  If answer is "yes," Type of Consolidation \_\_\_\_\_
6. If the answer to question four is "no," list all the owners and their respective interests below:

Owner	Land Description
SEE ATTACHED SURVEY PLAT	
<p><b>CERTIFICATION</b></p> <p>I hereby certify that the information above is true and complete to the best of my knowledge and belief.</p> <p style="text-align: right;"><i>Curtis J. Little</i> Curtis J. Little</p> <p>Name <b>Operator</b></p> <p>Position <b>Individual</b></p> <p>Company <b>August 21, 1971</b></p> <p>Date</p>	
<p>I hereby certify that the well location shown on the plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.</p>	
<p>Date Surveyed <b>August 12, 1971</b></p> <p>Registered Professional Engineer and/or Land Surveyor <b>James P. Leese</b></p> <p>Certificate No. <b>1849</b></p>	

**PROPOSED CASING PROGRAM**

Size of Casing	Weight	Grade & Type	Top	Bottom	Cementing Depths	Sacks Cement
9 5/8"	32.3	H-40	Surf	90	Surf - 90	60 sx
5 1/2"	15.5	J-55	Surf	3750	3500 - 3750	150 sx

COMPANY CHRYSLER LEASING

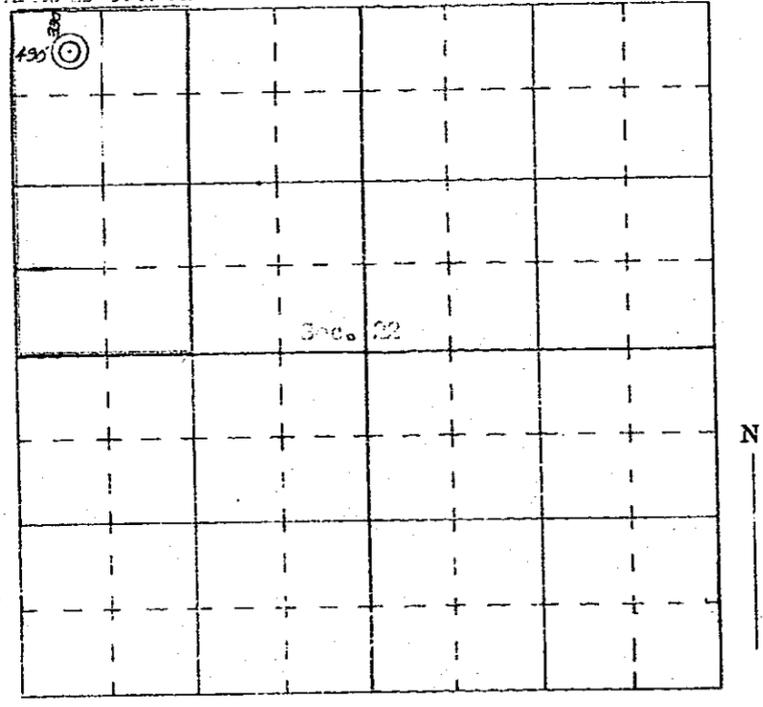
LEASE ..... WELL NO. ....

SEC. 22 T. 34 N. R. 39 East, S. 1. E. 1. W.

LOCATION 330 feet from the North line and  
400 feet from the East line

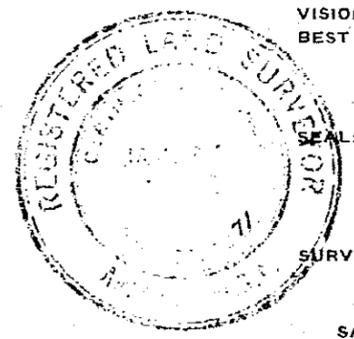
ELEVATION 3440.0

APACHE COUNTY ARIZONA



SCALE—1 INCHES EQUALS 1 MILE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTE OF ACTUAL SURVEYS MADE BY ME UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



*James C. Lease*  
Registered Land Surveyor,  
JAMES P. LEASE  
Lic. No. 1349

563

SURVEYED 15 August 1971

SAN JUAN ENGINEERING COMPANY, FARMINGTON, N. M.



## PERMIT TO DRILL

This constitutes the permission and authority from the  
OIL AND GAS CONSERVATION COMMISSION,  
STATE OF ARIZONA,

To: CURTIS J. LITTLE  
(OPERATOR)

to drill a well to be known as

CURTIS J. LITTLE NAVAJO TRIBAL 1-22 TSEGERHOT-TSANE  
(WELL NAME)

located 330' FWL - 490' FWL

Section 22 Township 37N Range 29 E, Apache County, Arizona.

The W/2 NW/4 of said  
Section, Township and Range is dedicated to this well.

Said well is to be drilled substantially as outlined in the attached Application and must be drilled  
in full compliance with all applicable laws, statutes, rules and regulations of the State of Arizona.

Issued this 27th day of August, 1971.

OIL AND GAS CONSERVATION COMMISSION

By W. B. Allen for J. B.  
EXECUTIVE SECRETARY

PERMIT N<sup>o</sup> 563

RECEIPT NO. 2898  
API No. 02-001-20149

State of Arizona  
Oil & Gas Conservation Commission  
Permit to Drill

FORM NO. 27

UNIVERSAL RESOURCES CORPORATION

420 COLORADO STATE BANK BUILDING



DENVER, COLORADO 80202  
AREA 303/572-1511

Effective immediately, Universal Resources Corporation  
has changed its Denver office mailing address to:

UNIVERSAL RESOURCES CORPORATION

P. O. Box 1707

Denver, Colorado 80201

RECEIVED

OCT 2 1974

O & G CONS. COMM.

Home Office - 1000 Carillon Tower East, Dallas, Texas 75240

*R. J. Hill*

**NAME** Curtis J. Little  
**UNIVERSAL RESOURCES CORP**  
Print or Type—Last Name, First Name, Middle Initial New Area Code and Telephone No

**OLD ADDRESS** 1720 Colorado State Bank Bldg.  
No. and Street, Apt., Suite, P.O. Box or R.D. No. (In care of)  
Post Office, State and ZIP Code  
Denver, Colorado 80202

**NEW ADDRESS** 420 Colorado State Bank Bldg.  
No. and Street, Apt., Suite, P.O. Box or R.D. No. (In care of)  
Post Office, State and ZIP Code  
Denver, Colorado 80202

**SIGN HERE** *Curtis J. Little* 17 August 73  
Effective Date

POD Form 3573  
JAN. 1969

© GPO: 1969 O-340-743

**COMPLETE OTHER SIDE**

*Note, new address*



Connection Crews

--

Pumping Units

--

Spray Painting

--

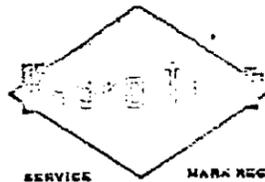
Hydrostatic Pipe Testing



SERVICE MARK REG.

*Allen Construction Company*

P. O. BOX 480    TELEPHONE 325-5076  
FARMINGTON, NEW MEXICO 87401



SERVICE MARK REG.

July 27, 1972

Curtis J. Little  
Consulting Geologist  
1560 Colorado State Bank Bldg.  
Denver, Colorado 80202

Dear Sir:

In regards to your letter dated June 19, 1972, the clean-up work on 1-16 Navajo and 1-22 Tsegohot-tacno both in Apache County, Arizona was completed about the end of June. We are sure the work does meet the approval of the Arizona Oil & Gas Commission.

We appreciate having been able to do the work for you and am sorry for the delay.

Yours very truly,

ALLEN CONSTRUCTION COMPANY

*J. D. Kinsey*  
J. D. Kinsey  
President

JDK:cp

RECEIVED

AUG 03 1972

O & G CONS. COMM.

XXXXXXXXXXXXXXXXXXXXXXXXXXXX  
XXXXXXXXXXXXXXXXXXXXXXXXXXXX  
XXXXXXXXXXXXXXXXXXXXXXXXXXXX  
XXXXXXXXXXXXXXXXXXXXXXXXXXXX

1560 Colorado State Bank Bldg.  
Denver, Colorado 80202

June 19, 1972

Allen Construction Co.  
P.O. Box 480  
Farmington, New Mexico 87401

Re: 1-16 Navajo  
Sec. 16 - 37N - 29E  
Apache County, Arizona  
1-22 Tsegehot-tsane  
Sec. 22 - 37N - 29E  
Apache County, Arizona

Gentlemen:

In December 1971 we asked for a clean-up bid on the 1-16 location so all bills could be paid prior to the end of the year. Mr. Maness was to see that the location was cleaned-up after the pits had dried and notify us when the work was completed.

Also, the Arizona Oil & Gas Commission was very displeased with the clean-up for the 1-22 location and Mr. Maness said that it would be taken care of without additional charge at the time of the 1-16 clean-up.

It is our understanding that this work has not been done.

We would appreciate your seeing that this work is completed as soon as possible and your notifying us of same.

Thank you very much.

Yours very truly,

Curtis J. Little

abl  
encls

RECEIVED

JUN 21 1972

O & G CONS. COMM.

5034575

January 28, 1972

Mr. C. W. Spencer  
P. O. Box 6216  
Cherry Creek Station  
Denver, Colorado 80206

Re: Curtis J. Little #1-22 Tsegehot-Tsane      Union Texas Petro. #1-14  
Section 22-T37N-R29E      Section 14-T6N-R10W (Navajo)  
Apache County      Apache County  
Our File #562      Our File #544

Dear Mr. Spencer:

We have the following logs available on the Curtis Little #1-22 Tsegehot-Tsane:

1. Dual Induction-Laterolog
2. Proximity Log-Microlog
3. Sidewall Neutron Porosity Log

The Union Texas #1-14 is still on confidential status. The logs that are available on this well are:

1. Induction-Electrical Log
2. Amplitude Log
3. Dual Induction-Laterolog
4. Borehole Compensated Sonic Log-Gamma Ray
5. Sidewall Neutron Porosity Log

Our files also contain a Lithologic Log on this well. The depths on these two wells are 3765' and 3705' respectively.

We feel sure that if you would contact Mr. Curtis Little at his address of---Mr. Curtis J. Little, Universal Resources Corp. 1720 Colorado State Bank Building, Denver, Colorado - 80202; that he would be willing for us to release the logs on the #1-14, however, we would need a written permission from Mr. Little.

Page 2  
Mr. C. W. Spencer  
January 28, 1972

This office does not have facilities for reproducing logs, however, we can have them reproduced at a cost of 40¢ per square foot for bond paper and 50¢ per square foot for vellum.

If you desire copies of the logs that are available, please advise and we will arrange to have them reproduced and forwarded to you.

Very truly yours,

W. E. Allen, Director  
Enforcement Section

WEA/r1b



PETROLEUM PRODUCTS

P. O. Box 6216, Cherry Creek Station  
Denver, Colorado 80206  
January 26, 1972

Arizona Oil & Gas Commission  
4515 North 7th Avenue  
Phoenix, Arizona 85013

Gentlemen:

We would like to obtain copies of the logs on the following wells if they have been released from "confidential" status. However, if the cost will run over \$25, we would like to be advised before the copies are made.

Curtis Little #1-22 Tsegehot-Tsane, Sec. 22, T37N-R29E, Apache County, 563

Union Texas Petroleum #1-14 Navajo, Sec. 14, T6N-R10W, Apache County, 544

Very truly yours,

C. W. Spencer  
District Geologist

DUH-RM

RECEIVED

JAN 28 1972

O & G CONS. COMM.

*Berd - Jed  
Utah 563*

*make sure*

WH

January 24, 1972

Oil & Gas Conservation Commission  
State of Arizona  
4515 North 7th Avenue  
Phoenix, Arizona 85013

Gentlemen:

Please change the mailing address of Mr. Curtis J. Little  
to:

Universal Resources Corporation  
1720 Colorado State Bank Bldg.  
Denver, Colorado 80202

Thank you,

*Jo Ann Robbins*  
Secretary to Mr. Little

CURTIS J. LITTLE  
P. O. BOX 8976  
ALBUQUERQUE  
NEW MEXICO 87108

RECEIVED

JAN 26 1972

O & G CONS. COMM.

January 21, 1972

United States Fidelity & Guaranty  
3605 North 7th Avenue  
Phoenix, Arizona 85013

Re: Curtis J. Little Bond # 01-0130-918-71

Gentlemen:

Mr. Curtis J. Little has requested that the Oil and Gas Conservation Commission of the State of Arizona, release Bond #01-0130-918-71.

Mr. Little has complied with all rules and regulations of the Oil and Gas Conservation Commission, therefore, the Commission does hereby authorize release of subject bond.

Very truly yours,

W. E. Allen, Director  
Enforcement Section

WEA/rlb

cc- Mr. Curtis J. Little

January 20, 1972

Mr. Curtis J. Little  
P. O. Bpx 8976  
Albuquerque, New Mexico 87108

Re: 1-22 Tsegehot-tsane  
Section 22-T37N-R29E  
Apache County  
Permit #563

Dear Mr. Little:

I visited the above referenced location on January 19, 1972. I am going to notify the Bonding Company to release the bond as you have requested on this well. However, it would be appreciated that when you make the clean-up on the Navajo Tribal #1-16, you would have the dozer to drop by the 1-22 and do a little additional leveling on the location site. I don't know whether your dozer operator was in a hurry on the location or if the pits were still a trifle wet for the operator to make a really neat clean-up.

Very truly yours,

W. E. Allen, Director  
Enforcement Section

WEA/rib

**PERFORMANCE BOND**

KNOW ALL MEN BY THESE PRESENTS

Bond Serial No. 01-0130-918-71

That we: Curtis J. Little  
of the County of Bernalillo in the State of New Mexico  
as principal, and United States Fidelity and Guaranty Company  
of Baltimore, Maryland

**AUTHORIZED TO DO BUSINESS WITHIN the State of Arizona.**

as surety, are held and firmly bound unto the State of Arizona and the Oil and Gas Conservation Commission, hereinafter referred to as the "Commission", in the penal sum of Five Thousand and no/100 (\$5,000.00) dollars 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 are 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:

NW/4 of Sec. 22, Township 37 North, Range 29 East, GSRM, Apache County, Arizona  
(May be used as blanket bond or for single well)

NOW, THEREFORE, if the above bounden principal shall comply with all the provisions of the Laws of this State and the rules, regulations and orders of the 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 and Gas Conservation Commission all notices and records required by said Commission, then 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, this obligation is void; otherwise it shall remain in full force and effect.

Whenever the principal shall be, and declared by the Oil and Gas Conservation Commission in violation of the Laws of this State and the rules, regulations and orders of the Commission, the surety shall promptly:

1. Remedy the violation by its own efforts, or
2. Obtain a bid or bids for submission to the Commission to remedy the violation, and upon determination by the Commission and the Surety of the lowest responsible bidder, arrange for a contract between such bidder and the Commission, and make available as work progresses sufficient funds to pay the cost of remedying the violation; but not exceeding, including other costs and damages for which the surety may be liable hereunder, the amount set forth in the first paragraph hereof.

Liability under this bond may not be terminated without written permission of this Commission.

WITNESS our hands and seals, this 23rd day of August, 1971

Curtis J. Little  
Principal

**CANCELLED**  
1-21-72

WITNESS our hands and seals this 23rd day of August, 1971

Sheraldene S. Bowditch  
Arizona Resident Agent  
UNITED STATES FIDELITY AND GUARANTY COMPANY  
Surety

Cecile H. Bowers  
Surety, Resident Arizona Agent  
If issued in a state other than Arizona

(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 Date \_\_\_\_\_  
STATE OF ARIZONA  
OIL & GAS CONSERVATION COMMISSION  
By \_\_\_\_\_

STATE OF ARIZONA  
OIL & GAS CONSERVATION COMMISSION  
Bond  
RECEIVED  
File Two Copies AUG 27 1971  
Form No. 2

Permit No. 563

O & G CONS. COMM.

CERTIFIED COPY

GENERAL POWER OF ATTORNEY

No. 79188

Know all Men by these Presents:

That UNITED STATES FIDELITY AND GUARANTY COMPANY, a corporation organized and existing under the laws of the State of Maryland, and having its principal office at the City of Baltimore, in the State of Maryland, does hereby constitute and appoint Cecile H. Bowers

of the City of Albuquerque, State of New Mexico its true and lawful attorney

for the following purposes, to wit:

To sign its name as surety to, and to execute, seal and acknowledge any and all bonds, and to respectively do and perform any and all acts and things set forth in the resolution of the Board of Directors of the said UNITED STATES FIDELITY AND GUARANTY COMPANY, a certified copy of which is hereto annexed and made a part of this Power of Attorney; and the said UNITED STATES FIDELITY AND GUARANTY COMPANY, through us, its Board of Directors, hereby ratifies and confirms all and whatsoever the said Cecile H. Bowers

may lawfully do in the premises by virtue of these presents.

In Witness Whereof, the said UNITED STATES FIDELITY AND GUARANTY COMPANY has caused this instrument to be sealed with its corporate seal, duly attested by the signatures of its Vice-President and Assistant Secretary, this 24th day of May, A. D. 19 68

UNITED STATES FIDELITY AND GUARANTY COMPANY.

(Signed) By John T. West Vice-President.

(SEAL)

(Signed) E. D. Bangs Assistant Secretary.

STATE OF MARYLAND, BALTIMORE CITY, ss:

CANCELLED 1-21-72

On this 24th day of May, A. D. 19 68 before me personally came John T. West, Vice-President of the UNITED STATES FIDELITY AND GUARANTY COMPANY and E. D. Bangs, Assistant Secretary of said Company, with both of whom I am personally acquainted, who being by me severally duly sworn, said that they resided in the City of Baltimore, Maryland; that they, the said John T. West and E. D. Bangs were respectively the Vice-President and the Assistant Secretary of the said UNITED STATES FIDELITY AND GUARANTY COMPANY, the corporation described in and which executed the foregoing Power of Attorney; that they each knew the seal of said corporation; that the seal affixed to said Power of Attorney was such corporate seal, that it was so fixed by order of the Board of Directors of said corporation, and that they signed their names thereto by like order as Vice-President and Assistant Secretary, respectively, of the Company. My commission expires the first day in July, A. D. 19 69.....

(Signed) Louis Rohd Notary Public.

STATE OF MARYLAND, BALTIMORE CITY, } Sect.

I, Robert H. Bouse, Clerk of the Superior Court of Baltimore City, which Court is a Court of Record, and has a seal, do hereby certify that Louis Rohd, Esquire, before whom the annexed affidavits were made, and who has thereto subscribed his name, was at the time of so doing a Notary Public of the State of Maryland, in and for the City of Baltimore, duly commissioned and sworn and authorized by law to administer oaths and take acknowledgments, or proof of deeds to be recorded therein. I further certify that I am acquainted with the handwriting of the said Notary, and verily believe the signature to be his genuine signature.

In Testimony Whereof, I hereto set my hand and affix the seal of the Superior Court of Baltimore City, the same being a Court of Record, this 24th day of May, A. D. 19 68

(Signed) Robert H. Bouse Clerk of the Superior Court of Baltimore City.

COPY OF RESOLUTION

*That Whereas*, it is necessary for the effectual transaction of business that this Company appoint agents and attorneys with power and authority to act for it and in its name in States other than Maryland, and in the Territories of the United States and in the Provinces of the Dominion of Canada and in the Colony of Newfoundland.

*Therefore, be it Resolved*, that this Company do, and it hereby does, authorize and empower its President or either of its Vice-Presidents in conjunction with its Secretary or one of its Assistant Secretaries, under its corporate seal, to appoint any person or persons as attorney or attorneys-in-fact, or agent or agents of said Company, in its name and as its act, to execute and deliver any and all contracts guaranteeing the fidelity of persons holding positions of public or private trust, guaranteeing the performances of contracts other than insurance policies and executing or guaranteeing bonds and undertakings, required or permitted in all actions or proceedings, or by law allowed, and

*Also*, in its name and as its attorney or attorneys-in-fact, or agent or agents to execute and guarantee the conditions of any and all bonds, recognizances, obligations, stipulations, undertakings or anything in the nature of either of the same, which are or may by law, municipal or otherwise, or by any Statute of the United States or of any State or Territory of the United States or of the Provinces of the Dominion of Canada or of the Colony of Newfoundland, or by the rules, regulations, orders, customs, practice or discretion of any board, body, organization, office or officer, local, municipal or otherwise, be allowed, required or permitted to be executed, made, taken, given, tendered, accepted, filed or recorded for the security or protection of, by or for any person or persons, corporation, body, office, interest, municipality or other association or organization whatsoever, in any and all capacities whatsoever, conditioned for the doing or not doing of anything or any conditions which may be provided for in any such bond, recognizance, obligation, stipulation, or undertaking, or anything in the nature of either of the same.

I, **R. H. Bland, Jr.**, an Assistant Secretary of the UNITED STATES FIDELITY AND GUARANTY COMPANY, do hereby certify that the foregoing is a full, true and correct copy of the original power of attorney given by said Company to **Cecile H. Bowers**

of **Albuquerque, New Mexico**, authorizing and empowering **her** to sign bonds as therein set forth, which power of attorney has never been revoked and is still in full force and effect.

And I do further certify that said Power of Attorney was given in pursuance of a resolution adopted at a regular meeting of the Board of Directors of said Company, duly called and held at the office of the Company in the City of Baltimore, on the 11th day of July, 1910, at which meeting a quorum of the Board of Directors was present, and that the foregoing is a true and correct copy of said resolution, and the whole thereof as recorded in the minutes of said meeting.

*In Testimony Whereof*, I have hereunto set my hand and the seal of the UNITED STATES FIDELITY AND GUARANTY COMPANY on **August 23, 1971**  
(Date)

*R. H. Bland Jr.*

Assistant Secretary.



OFFICE OF  
**Oil and Gas Conservation Commission**

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

December 14, 1971

Mr. Curtis J. Little  
P. O. Box 8976  
Albuquerque, New Mexico 87108

Re: Progress Reports

Dear Curtis:

Due to the numerous inquiries this office is presently receiving pertaining to drilling and producing operations within the State, it has been deemed advisable that we receive a progress report on all drilling, completion, and work-over operations with the State.

A Directive was recently mailed to all operators concerning this progress report, apparently, you did not receive one. Will you please keep this office informed as to your present operations. Of course, this information will be kept strictly confidential, if you so desire.

Very truly yours,

W. E. Allen, Director  
Enforcement Section

WEA/rlb

Enc.

November 15, 1971

Mrs. Curtis J. Little  
P. O. Box 8976  
Albuquerque, New Mexico 87108

Re: 1-22 Tsegehot-tsane  
Section 22, T-37N-R29E  
Apache County  
Permit #563

Lukachukai 1-14  
Section 14, T37N-R29E  
Apache County  
Permit #544

Dear Mrs. *Little*

The requested extension on your Lukachukai #1-14 is granted. This extension may run to May 1, 1972. We thought the 90 days might be a little short.

In reference to your #1-22 Tsegehot-tsane, as quickly as this well location is cleaned up and a dry hole marker installed, we will be in a position to release the Bond on this well.

Very truly yours,

W. E. Allen, Director  
Enforcement Section

WEA/rlb

CURTIS J. LITTLE  
CONSULTING GEOLOGIST  
TELEPHONE (505) 268-8741  
POST OFFICE BOX 8976  
4300 SILVER AVENUE, S. E.  
ALBUQUERQUE, NEW MEXICO 87108

November 11, 1971

Mr. W. E. Allen  
Arizona Oil and Gas Conservation Commission  
4515 North 7th Avenue  
Phoenix, Arizona 85013

Re: 1-22 Tsegehot-tsane  
Section 22, T 37 N, R 29 E  
Apache County, Arizona  
*Permit 563*

Dear Mr. Allen:

I talked to Curtis on radio communications re your letter of November 8. He said he would make a trip into Farmington and pick up the dryhole marker Justis Supply had made and try to get it out and put same on the casing today and would try to remember to take a Polaroid picture to send you.

We plan to have the location cleaned when we make location for the next test assuming the pits have dried sufficiently.

We appreciate your concern and help in covering the casing to protect the sheep, etc.

Best regards,

*Anne Little*  
Anne B. Little

abl

We are very grateful for the opportunity to make income match outgo in these last months of the year, but 2 people trying to be in at least 4 different places becomes more than a bit hectic.

RECEIVED

NOV 15 1971

O & G CONS. COMM.

*12-1-71*

November 8, 1971

Mr. Curtis J. Little  
P. O. Box 8976  
Albuquerque, New Mexico 87108

Re: Curtis J. Little, Navajo Tribal  
1-22 Tsegehot-tsane  
NW/NW Sec-22-T37N-R29E  
Apache County  
Our File #563

Dear Curtis:

We have received a request from Western Assurance and Realty Corporation for a release of the Bond on the above referenced well. As you know, the Bond cannot be released until such time as the well is properly plugged and the location cleaned and restored to approximately its natural state. We have visited this location on November 4th and found the well not plugged nor the location cleaned. As quickly as this well is properly plugged, we will be pleased to release the Bond.

Incidentally, Curtis, the 9 5/8" surface casing was wide open. We scavenged around and found an old thread dope bucket that would fit over the pipe. We placed this over the pipe and weighted it down with what rocks we could find. Hope this keeps out old registered sheeps and so forth. For your information, we are attaching some very sorry reprints of photographs taken at this location.

Very truly yours,

W. E. Allen, Director  
Enforcement Section

WEA/rlb

Enc.

**WESTERN ASSURANCE**  
REALTY CORPORATION



Insurance • Financial Planning • Real Estate  
2001 CARLISLE BLVD., N.E. • 222-6787 AREA (505)  
ALBUQUERQUE, NEW MEXICO 87110

FORMERLY PAUL BILLINGHAM AGENCY AND JIM WILLIAMS AGENCY

TO: Oil and Gas Commission  
4515 N. 7th Avenue  
Phoenix, Arizona

DATE November 4 19 71

SUBJECT: Curtis J. Little

#01-9130-918-71

MESSAGE:

NW/4 of Sec. 22 T 37 N, R29E,

CSRM, Apache County, Arizona

Please forward letter evidencing termination of liability in order that  
we may cancel bond.

Thank you.

Western Assurance & Realty Corp.

*Patricia Springer*  
Patricia Springer

RECEIVED

NOV 08 1971

O & G CONS. COMM.

CURTIS J. LITTLE  
CONSULTING GEOLOGIST  
TELEPHONE (505) 268-8741  
POST OFFICE BOX 8976  
4300 SILVER AVENUE, S. E.  
ALBUQUERQUE, NEW MEXICO 87108

October 28, 1971

*WA*

Mr. W. E. Allen  
Oil and Gas Conservation Commission  
State of Arizona  
4515 North Seventh Avenue  
Phoenix, Arizona 85013

Dear Mr. Allen:

Enclosed is copy of Bit Record for the 1-22 Tsegehot-tsane test,  
Apache County, Arizona.

Yours very truly,



Curtis J. Little

abl  
encl

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O & G CONS. COMM.

Permit 563

September 27, 1971

Mr. Curtis J. Little  
P. O. Box 8976  
Albuquerque, New Mexico 87108

Re: Curtis J. Little, Navajo Tribal  
1-22 Isegehot-tsane  
NW/NW Sec. 22-T37N-R29E  
Apache County  
Our File #563

Dear Mr. Little:

Thank you for your Completion Report and various other information that you forwarded on the above well.

Attached you will find the Form's 4, that you have requested.

Very truly yours,

W. E. Allen, Director  
Enforcement Section

WEA/r1b

Enc.

Will you please  
send US \$10  
release for bond?

Thanks -

563

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SEP 27 1971  
O & G CONS. COMM.

9-24-71  
Pattis had to leave  
town and I did not  
complete reverse side  
because it looks  
like the Ariz. O & G  
has crossed this out.

Please send a  
small supply of  
Form 4.

Thanks -

Anne Linder

September 24, 1971

Mr. Curtis Little  
P.O. Box 8976  
Albuquerque, New Mexico 87108

Dear Curtis:

*file 563*

Wonder if we could talk you into sending us the completion data on your last well, your 1-22 Tsegehot-tsane. Wes Peirce and I are publishing the Scout data for Arizona wells and would like to have this information.

I am pleased to report that we have suffered through another summer in good shape, and presently are looking forward to a glorious autumn.

Regards to Ann. Come to see us - bring clubs.

Yours truly,

JAMES B. SCURLOCK  
Director, Geology Section

JRC:lb

cc

August 27, 1971

Mr. Curtis J. Little  
P. O. Box 8976  
Albuquerque, New Mexico 87108

Re: Curtis J. Little, Navajo Tribal  
1-22 Tsegehot-tsane  
NW/NW Sec. 22-T37N-R29E  
Apache County  
Our File #563

Dear Mr. Little:

Enclosed please find Receipt No. 2898 covering the \$25 filing fee,  
a copy of your approved Application for Permit to Drill and Permit  
To Drill No. 563.

Also enclosed are miscellaneous instruction sheets concerning samples  
and other Commission requirements.

Please furnish this Commission with an up-dated Organization Report.

Very truly yours,

W. E. Allen, Director  
Enforcement Section

WEA/rlb

Enc.