

**(SUBMIT IN TRIPLICATE)**

Indian Agency .....

UNITED STATES ~~Contract~~  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**Contract No. I-14-Ind-1230**

Allottee \_\_\_\_\_

**Loan No.** \_\_\_\_\_

## SUNDRY NOTICES AND REPORTS ON WELLS

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

Lease No. 124328  
 Author-Dravo A

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

**Abstract**

U. S. GEOLOGICAL SURVEY  
1961

Well No. 5 is located 100 ft. from N line and 1000 ft. from W line of sec. 25

~~SECRET~~ (Sec. and Sec. No.) ~~SECRET~~ (Type) ~~SECRET~~ (Range) ~~SECRET~~ (Meridian)

**Undesignated-Selling**      **New York**      **New Mexico**  
(Field)      (County or Subdivision)      (State or Territory)

The elevation of the derrick floor above sea level is 5400 ft.

## DETAILS OF WORK

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

**POPULATION EFFECTIVE:**  
 Top of Gallup 1980  
 Total North 1150

## SIX CASINO

**CALVIN PROGRAM (APPROX.)**

Size	Price	Color	Material	Weight
7-5/8	15.00	Black	100%	50 lbs
9-1/2	5.75	Black	100%	100 lbs



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

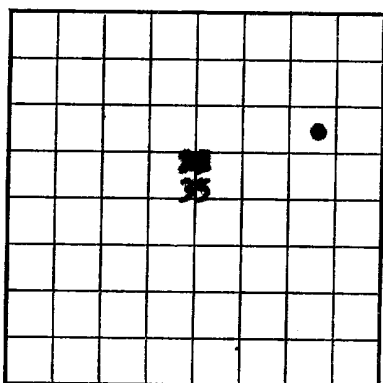
Company **TEKACO INC.** **TEKACO INC.**

Address 2025

~~SECRET~~

By X. J. Elton

Title B. J. Volton  
Division Civil



LOCATE WELL CORRECTLY

U. S. LAND OFFICE Santa Fe  
SERIAL NUMBER 078146  
LEASE OR PERMIT TO PROSPECT \_\_\_\_\_UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY**RECEIVED**  
JUN 24 1953  
U. S. GEOLOGICAL SURVEY  
FARMINGTON, N. M.

## LOG OF OIL OR GAS WELL

Company Southern Union Gas Company Address Burt Bldg., Dallas 1, Texas  
Lessor or Tract Moore Field Blanco State New Mexico  
Well No. 1 Sec. 35 T. 32N R. 12W Meridian N.M.P.M. County San Juan  
Location 1650 ft. {N} of N Line and 990 ft. {W} of E Line of Section 35 Elevation 4472.37  
(Derrick floor relative to sea level)

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

Signed Van Thompson  
Title Manager Exploration Dept.Date June 19, 1953

The summary on this page is for the condition of the well at above date.

Commenced drilling April 26, 1953, 19\_\_\_\_ Finished drilling June 7, 1953, 19\_\_\_\_

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 4611 to 5446' 0 No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from \_\_\_\_\_ to \_\_\_\_\_ No. 6, from \_\_\_\_\_ to \_\_\_\_\_

## IMPORTANT WATER SANDS

No. 1, from \_\_\_\_\_ to \_\_\_\_\_ No. 3, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 4, from \_\_\_\_\_ to \_\_\_\_\_

## CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
10-3/4	32.75		H-40	209.41'					Surface Production
7"	26 7/8		J-44	5240.25'					
2-3/8"	4.7	Tubing	J-55	5384.64'					

## MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4	207'	120	Halliburton		
7"	5199	225			

## PLUGS AND ADAPTERS

Heaving plug—Material \_\_\_\_\_ Length \_\_\_\_\_ Depth set \_\_\_\_\_  
Adapters—Material \_\_\_\_\_ Size \_\_\_\_\_

## SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
		Nitro Glycerine	1204 #	6/7	5561-5260	to total depth

## TOOLS USED

Rotary tools were used from 0 feet to 5205 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from 5205 feet to 5635 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## DATES

Tubing Run 6/7/53, 19\_\_\_\_ Put to producing \_\_\_\_\_, 19\_\_\_\_

The production for the first 24 hours was \_\_\_\_\_ barrels of fluid of which \_\_\_\_\_ % was oil; \_\_\_\_\_ % emulsion; \_\_\_\_\_ % water; and \_\_\_\_\_ % sediment. Gravity, °Bé. \_\_\_\_\_

If gas well, cu. ft. per 24 hours 1790 MCF/6 hr. Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_Rock pressure, lbs. per sq. in. 1003 1/2 da.

## EMPLOYEES

Driller Denman Drilling Company was rotary contractor P. E. Collier, Driller  
Company drilled in with gas \_\_\_\_\_, Driller J. F. Smith, Driller

## FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	313	313	Surface sand
313	2848	2535	Sand and shale
2848	2940	92	Sand, shale and coal
2940	2971	31	Sand and shale
2971	3075	104	Sand, shale with coal breaks
3075	3179	104	Sand and shale
3179	3419	240	Shale
3419	3529	110	Sand and shale
3429	3632	103	Shale
3672	3788	156	Sand and shale
3788	3855	22 67	Sand and shale
3855	3973	118	Sand and shale
3973	4036	113	Shale
4086	4196	110	Sand and shale
4196	4220	24	Shale
4220	4470	250	Hard sand and shale
4470	4497	27	Sand
4497	4532	35	Hard sand
4532	4641	129	Sand and shale
4641	4674	23	Sand, shale and coal
4674	4754	80	Hard sand and shale
4754	4780	16	Sand, shale and coal streaks
4780	4822	42	Sand
4822	4990	158	Hard sand and shale
4990	5014	24	Shale

# FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
5014	5167	153	Sand and shale
5167	5205	38	Sand shale and coal
5204	5310	106	Sand and shale
5310	5570	260	Sand
5570	5635	65	Sand and shale
			Top Pictured Cliffs formation 2987'
			Cliff House 4611
			Point Lookout 5256
			Mansos 5446

## HISTORY OF OIL OR GAS WELL

26-43094-1

U. S. GOVERNMENT PRINTING OFFICE

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

TOP OF OIL OR GAS WELL

**NEW MEXICO OIL CONSERVATION COMMISSION**  
**WELL LOCATION AND ACRES DEDICATION PLAT**

FORM C-123  
 Revised 5/1/57

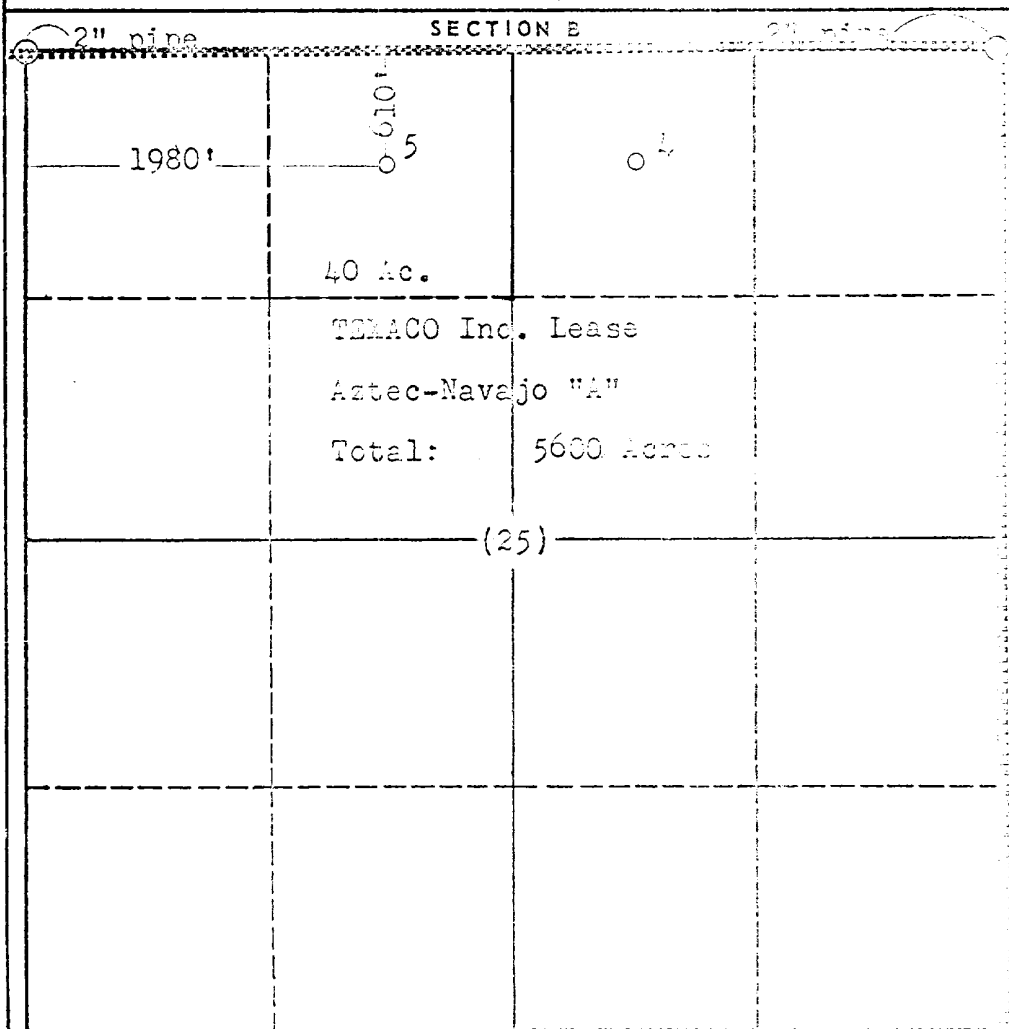
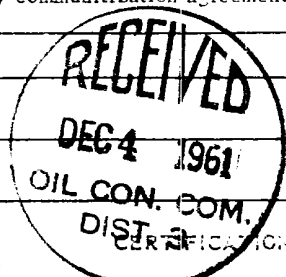
SEE INSTRUCTIONS FOR COMPLETING THIS FORM ON THE REVERSE SIDE

**SECTION A**

Operator <b>TEXACO Inc.</b>		Lease <b>Astec-Navajo "A"</b>		Well No.	
Unit Letter <b>C</b>	Section <b>35</b>	Township <b>32 North</b>	Range <b>18</b>	County <b>Santa Fe</b>	
Actual Footage Location of Well: <b>610'</b> feet from the <b>North</b> line and <b>1980'</b> from the <b>West</b> line.					
Ground Level Elev. <b>5424'</b>	Producing Formation <b>Gallup</b>	Pool <b>Undesignated Gallup</b>		Dedicated Acreage <b>40</b> Acres	

1. Is the Operator the only owner in the dedicated acreage outlined on the plat below? YES **X** NO \_\_\_\_ ("Owner" means the person who has the right to drill into and to produce from any pool and to appropriate the production either for himself or for himself and another. (65-3-29 (e) NMSA 1933 Comp.)
2. If the answer to question one 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 \_\_\_\_\_
3. If the answer to question two is "no," list all the owners and their respective interests below:

Owner	Land Description



I hereby certify that the information in SECTION A above is true and complete to the best of my knowledge and belief.

Name <b>J. J. Velton</b>
Position <b>Division Civil Engineer</b>
Company <b>TEXACO Inc.</b>
Date <b>11/27/61</b>

I hereby certify that the well location shown on the plat in SECTION B 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.

Date Surveyed <b>11/27/61</b>
Registered Professional Engineer and/or Land Surveyor <b>J. J. Velton</b>

Certificate No. **8174**

