Form 9-330

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

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 079114 A
LEASE OR PERMIT TO PROSPECT

ARCHIVE
RECEIVED
FEB 3 1958
U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company Western Development Company Address P. O. Box 427, Artesia, N. M.
Lessor or Tract Rummel Field Wildcat State New Mexico
Well No. 1 Sec. 27 T. 27N R. 12W Meridian NMPM County San Juan
Location 1880 ft. {N./S.} of N Line and 660 ft. {E./W.} of W Line of Sec. 27 Elevation 5840 (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 W. B. Macey

Date 1-30-58 Title Vice President

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

Commenced drilling December 23, 19 57 Finished drilling January 20, 19 58

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from None to 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 None 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 From—	Perforated To—	Purpose
8 5/8	24#	8 Rd.	Smls	215'	Guide	--	--	--	Surface

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	215'	175 sacks	Halliburton	9.0	25 bbls.

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

TOOLS USED

Rotary tools were used from 0 feet to 6125 feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

DATES

PLUGGED AND ABANDONED 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 Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in.

EMPLOYEES

C. W. Williams, Driller B. A. Dodgen, Driller
V. D. Price, Driller (Lynn Drilling Company), Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	159	159	Sand and shale
159	215	56	Sand and shale
215	307	92	Sand and shale
307	1522	1215	Sandy shale
1522	2278	756	Shale
2278	2673	395	Shale
2673	3166	493	Shale
3166	3600	432	Shale
3600	3952	352	Shale
3952	4141	189	Shale
4141	4574	433	Sandy shale
4574	4774	200	Sandy shale
4774	4985	211	Sandy shale
4985	5034	49	Core # 1: Rec 49' of dark grey shale with thin siltstone laminations
5034	5092	58	Core # 2: Rec. 58' of shaly sand with slight odor and florescence.
5092	5150	58	Core # 3: Rec. 58' of gry-blk. shale, sandy and silty with very fine sandstone lenses imbedded
5150	5208	58	Core # 4: Rec. 58' of shale with thin sandstone lenses
5208	5262	54	Sandy shale
5262	5442	180	Sandy shale
5442	5910	468	Sandy shale

(OVER)

16—43094-4

FOLD MARK

FORMATION RECORD—Continued

FROM	TO	TOTAL FEET	FORMATION
5910	5967	57	Core # 5: Rec. 15' of shale, 42' of sand, slightly calcareous, and tight with minor gas bleeding
5967	6012	45	Core # 6: Rec. 45' sand and shale with minor gas bleeding
6012	6062	50	Sandy shale
6062	6095	33	Rec. 33' shale interbedded with Bentonite
6095	6125	30	Shale
			Total Depth 6125'

Formation Tops

Pictured Cliffs	1293'
Mesaverde	2149
Pt. Lookout	3726
Mancos	4052
Gallup	4945
Greenhorn	5721
Dakota	5815

16—43094-2 U. S. GOVERNMENT PRINTING OFFICE

HISTORY OF OIL OR GAS WELL

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.

DST # 1 - 5914 to 6012' open 2 hrs. Weak blow for 1 hr. Very weak blow for 15 minutes. Rec. 90' slightly gas cut mud.
Ran Schlumberger Electric Log to 6125'
Plugged and Abandoned - January 28, 1958.

12/18/57

F.Loc. 1880/N; 660/W Elev. 5840 DF Spd. 12-23-57 Comp. 1-30-58 TD 6125 PB

Casing S. 5 5/8 @ 215 W 175 Sx. Int. @ W Sx. Pr. @ W Sx. T. @

Csg.Perf. Prod. Stim.

I.P. BO/D MCF/D After Hrs. SICP PSI After Days GOR Grav 1st Del.

TOPS		NITD X	Well Log X	TEST DATA						
Kirtland		C-102	Plat X	Schd.	PC	Q	PW	PD	D	Ref. No.
Fruitland		C-103 ✓	Electric Log							
Pictured Cliffs	1528	C-104	C-110							
Cliff House	2145									
Menefee		Ditr	Dfa							
Point Lookout	3740	Datr	Dac							
Mancos	4652	Remarks								
Gallup	4945	P&A - 1/28/58								
Dakota	5885	Dear, Neptune Dev. Chmbl. 7-10								
Morrison										
Entrada										
Navajo	570									
			40							

Jan. | Feb | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec.

Pool Gallo Co. SJ S 27 T 27N R 12W U E Oper. INTERNATIONAL O&G Lse. Rummel No. 1