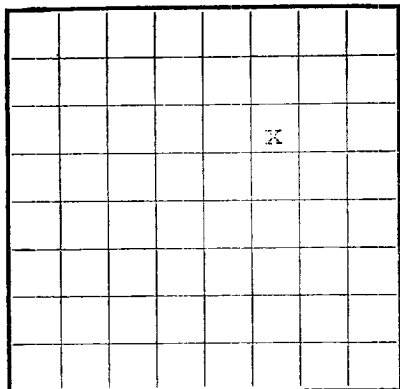


U. S. LAND OFFICE Navajo Tribal
SERIAL NUMBER 14-20-603-1443
LEASE OR PERMIT TO PROSPECT _____
Allottee 011672



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Prod. Co. Address P.O. Box 1161; El Paso, Texas
Lessor or Tract Benally Field Wildcat State New Mexico
Well No. 1 Sec. 5 T. 25NR. 12 Meridian N.M.P.M. County San Juan
Location 1972 ft. [N.] of N. Line and 1980 ft. [E.] of E. Line of Section 5 Elevation 6166
(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 S. C. E. McNutt
Date February 6, 1957 Title Vice President

The summary on this page is for the condition of the well at above date.
Commenced drilling 11/25/56, 19____ Finished drilling 12/11/56, 19____

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 4611 to 5025 (O & G) 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—	
5/8	25.4#	2.5	3. W.	155'	Howco				Surface
1/2	15.5	8 RD	J-55	5015'	Baker				Prod. Casing
	4.7	3 RD	J-55	485'					Prod. Tbg.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
5/8	167'	125	Circulated		
1/2	5025	300	Single Stage		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material Gamberson Type Size AC Holddown 4764-4767

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
		<u>See Well History.</u>				

TOOLS USED

Rotary tools were used from 0 feet to 5025 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

12-21-56, 19____ Put to producing _____, 19____

The production for the first 24 hours was 162 barrels of fluid of which 100% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, °Bé. _____

If gas well, cu. ft. per 24 hours 11,000 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	949	949	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
949	1105	156	Fruitland form. Gry carb sh, scattered coals coals and gry, tight fine-grn ss
1105	1144	39	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
1144	1476	332	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
1476	3604	2128	Mesa Verde form. Gry, fine-grn, dense sil ss carb sh & coal.
3604	3760	156	Point Lookout form. Gry, very fine sil ss frequent sh breaks.
3760	4611	851	Mancos form. Gry carb sh.
4611	5025	414	Gallup form. Lt gry to brn calc carb micac glauco very fn grn ss w/irreg. inter. sh.

FORMATION RECORD—Continued

[illegible]

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.

HISTORY OF OIL OR GAS WELL

16-48094-2 U. S. GOVERNMENT PRINTING OFFICE

12-17-56 T.D. 50251. C.O. 49711. Sandoli treated Gallup thru jett.
4796-4816 and 4866-4876 (4 sh./ft.) with 49,400 gallons oil and 41,300#
sand. Flushed with 4900 gallons. I.R. 41.0 BPM. Max. tr. pr. 2550#
BDF none. Avg. tr. pr. 2250#. Injected 45 balls in each of two stages.