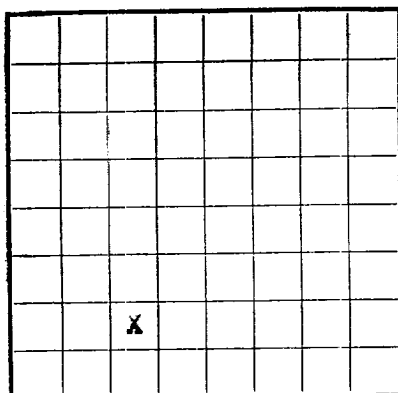
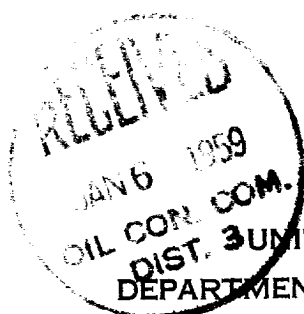


U. S. LAND OFFICE Jicarilla Tribal
SERIAL NUMBER Cont. No. 67
LEASE OR PERMIT TO PROSPECT _____

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

JAN 5 1959

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 997, Farmington, New Mexico
Lessor or Tract Jicarilla Field Wildcat State New Mexico
Well No. 67-5 Sec 29 T 25N R 5W Meridian N.M.P.M. County Rio Arriba
Location 1019 ft. ^[N.] of S. Line and 1547 ft. ^[E.] of W. Line of Section 29 Elevation 6668
(Derriek 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 _____ Original Signed R. G. MILLER

Date January 2, 1959Title Petroleum Engineer

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

Commenced drilling 10-30-58, 19____ Finished drilling 11-28, 19____ 58

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2626 to 2697 (G) No. 4, from 6964 to 7215 (G)
No. 2, from 3460 to 4995 (G) No. 5, from _____ to _____
No. 3, from 5930 to 6455 (G) 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	P. E.	S.V.	161'	Howco				Surface
7 5/8	29.75	8 Rd.	M-80	1435'					
7 5/8	26.4	8 Rd.	M-80	465'					
7 5/8	26.4	8 Rd.	J-55	4783'	Reher				Intermediate
5 1/2	15.5	8 Rd.	J-55	809'	Reher				Prod. Liner
2"	4.7	8 Rd.	J-55	7069'					Prod. Tbg.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4	172'	225	Circulated		
7 5/8	6490'	370	2 Stages		
5 1/2	6403-7212	150	Single Stage		

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
		See Well History				

TOOLS USED

Rotary tools were used from _____ feet to 6490 feet, and from 6490 ^{Gas Drilled} feet to 7215 feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____ 12-10, 1958 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 4,683,000 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 2009 A.O.F. = 5607 MCF/D

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2106	2106	Tan to gry cr-grn ss interbedded w/gry sh.
2106	2231	125	Ojo Alamo ss. White cr-grn s.
2231	2504	273	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
2504	2626	122	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
2626	2697	71	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
2697	3460	763	Levis formation. Gry to white dense sh w/silty to shaly ss breaks.
3460	4180	720	Chacra form. Gry fn grn silty, glauconitic ad stone with drk gry shale.
4180	4212	32	Cliff House ss. Gry, fine-grn, dense sil ss.
4212	4843	631	Mansfield form. Gry, fine-grn s, carb sh & coal.
4843	4995	152	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
4995	5930	935	Mancos formation. Gry carb sh.
5930	6455	525	Gallup form. Lt gry to brn calc carb micac glauco very fine grn ss w/irreg. interbed sh.
6455	6761	306	Senastee form. Drk gry calc very fine to fine gry ss w/calc veins w/irreg inter drk gry s.
6761	6825	64	Greenhorn form. Highly calc gry sh w/thin lmt
6825	6879	54	Graneros form. Dk gry shale, fossil & carb w/prite incl.
6879	6964	85	Graneros Sand Bk. gry shale, fossil & carb w/prite incl.

FORMATION RECORD—Continued

