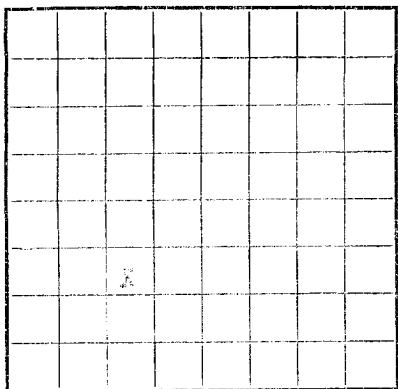


U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 889516
LEASE OR PERMIT TO PROSPECT 15-35-101-549



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 297, Farmington, New Mexico
Lessor or Tract San Juan 23-5 Unit Field Alamogordo State New Mexico
Well No. 6 Sec. 16 T. 23N R. 5W Meridian NMPM County San Arriba
Location 1653 ft. [N.] of [S.] Line and 165 ft. [E.] of [W.] Line of Section 16 Elevation 5311
(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 Samuel N. Wood

Date January 11, 1955 Title Petroleum Engineer

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

Commenced drilling August 24, 1954 Finished drilling December 3, 1954

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 5492 to 3555 (G) No. 4, from 5673 to 5355 (G)
No. 2, from 5390 to 5353 (G) No. 5, from _____ to _____
No. 3, from 5350 to 5373 (G) No. 6, from _____ to _____

IMPORTANT WATER SANDS

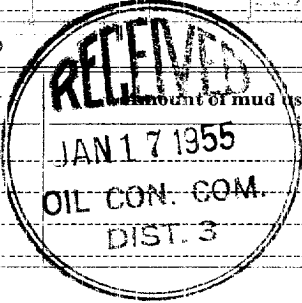
No. 1, from _____ to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
9 5/8	36	8 RD	J-55	162	Howe				Surface
7	43	8 RD	J-55	523	Baker				Prod. Csg.
4 1/2	4.7	8 RD	Youngstown	1042					Prod. Csg.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8	173	125	Circulated		
7	5249	500	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 7.11 list re					

TOOLS USED

Rotary tools were used from _____ feet to 5492 feet, and from 5249 feet to 5335 feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

December 3, 1954 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 3,221,000 Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. 1.5

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	828	828	tan cr-grn ss w/thin sh breaks.
828	1530	702	Variegated sh w/thin ss breaks.
1530	2870	1340	tan to gry cr-grn ss interbedded w/gry sh.
2870	2936	66	Ojo Alamo ss. White cr-grn s. Top 2870'.
2936	3247	311	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss. Top 2936'.
3247	3492	245	Kirtland form. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss. Top 3247'.
3492	3555	63	Pictured Cliffs form. Gry, fine-grn, tight, varicol red soft ss. Top 3492'.
3555	5300	1745	Lewis form. Gry to white dense sh w/silty to shaly ss breaks. Top 3555'.
5300	5350	50	Cliff House ss. Gry, fine-grn, dense sil ss. Top 5300'.
5350	5673	323	Honafree form. Gry, fine-grn s, carb sh and coal. Top 5350'.
5673	5635	157	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.