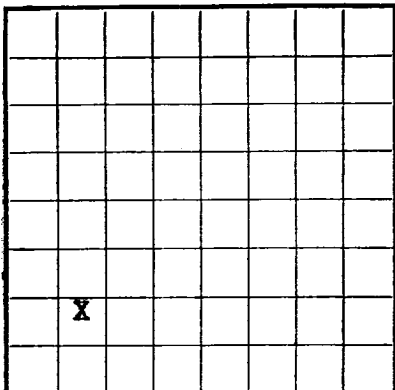


U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078389
LEASE OR PERMIT TO PROSPECT

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**RECEIVED**
JUL 13 1955
U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO**LOG OF OIL OR GAS WELL**Company El Paso Natural Gas Company Address Box 997, Farmington, New Mexico
Lessor or Tract Lucerne Field Blanco State New Mexico
Well No. 3-A Sec. 3 T. 31N R. 10W Meridian NMPM County San Juan
Location 991 ft. N. of S Line and 1090 ft. E. of W Line of Section 3 Elevation 6243'
(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

J. F. JaddockDate July 8, 1955Title Petroleum Engineer

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

Commenced drilling April 28, 1955 Finished drilling May 25, 1955**OIL OR GAS SANDS OR ZONES**

(Denote gas by G)

No. 1, from 3045 to 3135 (G) No. 4, from 5305 to 5415 (G)
No. 2, from 4862 to 4944 (G) No. 5, from _____ to _____
No. 3, from 4944 to 5305 (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	Thrust per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From	To	
9 5/8"	36#	8 RD	J-55	151'	Howco				Surface
7"	23#	8 RD	J-55	1016'					
7"	20#	8 RD	J-55	1402'					
2"	4.7	8 RD	J-55	5329'					Prod. log.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8"	163'	125	Circulated		
7"	4530	500	Single Stage		

PLUGS AND ADAPTERSHeaving 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**Gas Drilled**Rotary tools were used from 0 feet to 4530 feet, and from 4530 feet to 5440 feet

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES_____ May 27, 1955 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 3,937,000 Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 1017**EMPLOYEES**_____, Driller _____, Driller
_____, Driller _____, Driller**FORMATION RECORD**

FROM—	TO—	TOTAL FEET	FORMATION
0	155	155	Tan cr-grn ss w/thin sh breaks.
155	1885	1730	Variegated sh w/thin ss breaks.
1885	2270	385	Tan to gry cr-grn ss interbedded w/gry sh.
2270	2295	25	Ojo Alamo ss. White cr-grn s.
2295	2585	290	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
2585	3045	460	Fruitland form. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss.
3045	3155	110	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
3135	4862	1707	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
4862	4944	82	Cliff House ss. Gry, fine-grn, dense sil ss.
4944	5305	361	Manefee form. Gry, fine-grn s, carb sh & coal.
5305	5415	110	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
5415	5440	25	Mancos formation. Gry carb sh.

RECEIVED
JUL 25 1955
OIL CON. COM.
DIST. DIV.

FORMATION RECORD—continued

