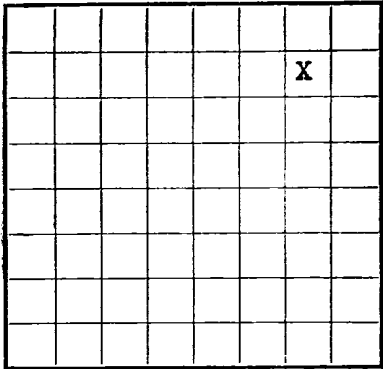


Form 9-330

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 079365
LEASE OR PERMIT TO PROSPECT 14-08-001-1051



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

JUL 15 1955
FARMINGTON, NEW MEXICO

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 997, Farmington, New Mexico
Lessor or Tract San Juan 28-6 Unit Field Blanco State New Mexico
Well No. 27 Sec 5 T. 27N R. 6W Meridian NMPM County Rio Arriba
Location 995 ft. N of N Line and 990 ft. W of E Line of Section 15 Elevation 6507'
(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 [Signature]

Date July 8, 1955 Title Petroleum Engineer

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

Commenced drilling May 19, 1955 Finished drilling June 2, 1955

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3206 to 3270 (G) No. 4, from to to to
No. 2, from 4850 to 5003 (G) No. 5, from to to to
No. 3, from 5380 to 5540 (G) No. 6, from to to to

IMPORTANT WATER SANDS

No. 1, from to to to No. 3, from to to to
No. 2, from to to to No. 4, from to to 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"	25.4#	P.E.	S.W.	161'	Howco				Surface
7 1/2"	23#	8 RD	J-55	1187'	Howco				Producing
7 1/2"	23#	8 RD	J-55	1691'	Howco				Producing
2"	4.7	8 RD	J-55	5546'					Prod. Tbg.

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 1/2"	4810'	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 Well History.				

TOOLS USED

Rotary tools were used from 0 feet to 4811 feet, and from 4811 feet to 5570 feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

June 5, 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 3,490,000 Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. 1091

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	610	610	Tan cr-grn ss w/thin sh breaks.
610	1510	900	Variegated sh w/thin ss breaks.
1510	2491	981	Tan to gry cr-grn ss interbedded w/gry sh.
2491	2648	157	Ojo Alamo ss. White cr-grn s.
2648	2974	326	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
2974	3206	232	Fruitland form. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss.
3206	3270	63	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
3270	4850	1580	Lewis formation. Gry to white dense sh, w/silty to shaly ss breaks.
4850	5003	153	Cliff House ss. Gry, fine-grn, dense sil ss.
5003	5380	377	Menefee form. Gry, fine-grn s, carb sh & coal.
5380	5540	160	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
5540	5560 T.D.	20	Mancos formation. Gry carb sh.

FROM—

TO—

FOOT FEET

(OVER)

FORMATION

16-43094-3

FORMATION RECORD

FORMATION RECORD—Continued[illegible]

HISTORY OF OIL OR GAS WELL

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

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.

May 31, 1955 Sandwell Cliff House 4810' - 5020' with 13,540 gallons diesel oil & 11,900# sand. Maximum pressure 1800#, minimum pressure 1200#, Breakdown pressure 1200#, Injection rate 7.9 bbls./min. Fresh 2000 gallons. Retainer set at 4700', Natural gas 360 MCF.

June 4, 1955 Sandoil Point Lookout 5202' - 5570' with 11,350 gallons Diesel, 11,500# sand. Maximum pressure ~~2250 psi~~, minimum pressure 1050 psi Breakdown pressure 1950 psi, Injection rate 7.6 bbls./min. Flush 2100 gallons. Natural gas 83 MCF.

OIL ON CVR 2 INDS ON TOWER

FOC OF OF OF CYS AETT

A blank sheet of white paper with a light gray grid pattern. The grid consists of small squares, approximately 1 cm by 1 cm each. There are about 20 columns and 25 rows of squares visible on the page. The grid lines are thin and evenly spaced.

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OF AMERICA, CATTLE, HORSES,

MAIL ID 207122