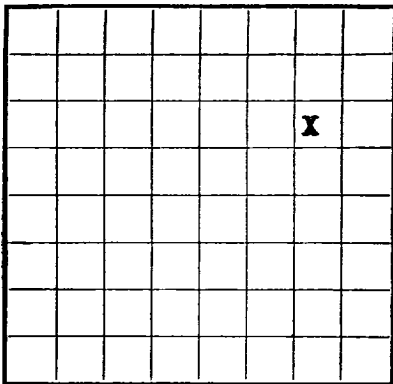
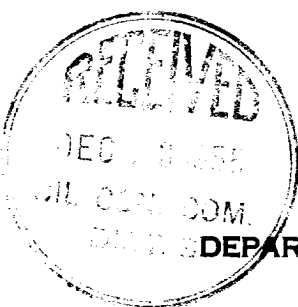




LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYU. S. LAND OFFICE New Mexico
SERIAL NUMBER 012293
LEASE OR PERMIT TO PROSPECT14-08-001-538
RECEIVED
NOV 9 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 McCulley Field Blanco State New Mexico
Well No. 3-A Sec. 13 T. 30N R. 7W Meridian NMPM County Rio Arriba
Location 1730 ft. top of N. Line and 050 ft. top of E. Line of Section 13 Elevation 6430'
(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 Twelfth U. U. U.Date November 8, 1955Title Petroleum Engineer

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

Commenced drilling September 8, 1955 Finished drilling October 2, 1955OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 3374 to 3566 G No. 4, from 5523 to 5738 G
No. 2, from 5226 to 5315 G No. 5, from _____ to _____
No. 3, from 5315 to 5523 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	Through hole inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated	Purpose
9 5/8"	36#	8 RD	J-55	158'	Howco			Surface
7"	20#	8 RD	J-55	3439'	Howco			Intermediate
5 1/2"	15.50#	8 RD	J-55	5765'	Howco			Prod. Csg.
2"	4.7#	8 RD	J-55	5694'	Howco			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"	168'	125	Circulated		
7"	3439'	250	Single Stage		
5 1/2"	5765'	170	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

Gas drilled

Rotary tools were used from 0 feet to 3439 feet, and from 3439 feet to 5765 feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

10-17-55, 19____ 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 6,353,000 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 1096

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	580	580	Tan cr-grn ss w/thin sh breaks.
580	850	270	Variegated sh w/thin ss breaks.
850	2315	1465	Tan to gry cr-grn ss interbedded w/gry sh.
2315	2495	180	Ojo Alamo ss. White cr-grn s.
2495	3020	525	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
3020	3374	354	Fruitland form. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss.
3374	3566	192	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
3566	5226	1660	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
5226	5315	89	Cliff House ss. Gry, fine-grn, dense sil ss.
5315	5523	208	Menefee form. Gry, fine-grn s, carb sh & coal.
5523	5738	215	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
5738	5765 T.D.	27	Mancos formation. Gry carb sh.