

U. S. LAND OFFICE Santa Fe

SERIAL NUMBER 079520-A

LEASE OR PERMIT TO PROSPECT
14-06-001-949UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED

APR 14 1954

U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company El Paso Natural Gas Company Address Box 997, Farmington, New Mexico
Lessor or Tract San Juan 25-5 Unit Field Wildcat State New Mexico
Well No. 3 Sec. 20 T. 20N R. 5W Meridian NMPM County Rio Arriba
Location 960 ft. N of 3 Line and 1160 ft. E of W Line of Section 20 Elevation _____
(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 Will W. WelchDate April 13, 1954 Title Petroleum Engineer

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

Commenced drilling November 24, 1953 Finished drilling December 29, 1953

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3700 to 3775 (G) No. 4, from 5900 to 6036 (G)
No. 2, from 5475 to 5565 (G) No. 5, from _____ to _____
No. 3, from 5565 to 5900 (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
9 5/8	25.4	5.0	Armco	102	Armco			Surface
7	23	5.0	Armco	2026	Armco			Prod. Csg.
2	4.7	8.0	Youngstown	6022	Youngstown			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	172	125	Circulated		
7	5336	300	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
quart	Reg.	S.F.G.	1465	12-31-53	5546-6050	6058

TOOLS USED

Rotary tools were used from _____ feet to 5336 feet, and from 5336 feet to 6058 feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

January 1, 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 404,000 Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 1005

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1350	1350	Tan cr-grn ss w/thin sh breaks.
1350	2355	1005	Variegated sh w/thin ss breaks.
2355	3078	723	Tan to gry cr-grn ss interbedded w/gry sh.
3078	3234	156	Ojo Alamo ss. Sh cr-grn s. Top Ojo Alamo 3078.
3234	3500	266	Kirtland formation. Gry sh interbedded w/tight gry fine-grn ss. Top Kirtland 3234.
3500	3708	208	Fruitland formation. Gry carb sh, scattered coal and gry, tight, fine-grn ss. Top Fruitland 3500.
3708	3775	67	Pictured Cliffs formation. Gry, fine-grn, tight, varicolored soft ss. Top Pictured Cliffs 3708.
3775	5475	1700	Lewis formation. Gry to wh dense sh w/silty to shaly ss breaks. Top Lewis 3775.
5475	5565	90	Cliff House ss. Gry, fine-grn, dense sil ss. Top Cliff House 5475.
5565	5900	335	Manefee formation. Gry, fine-grn s, carb sh and coal. Top Manefee 5565.
5900	6036	136	Point Lookout formation. Gry, very fine sil ss w/frequent sh breaks. Top Point Lookout 5900.
6036	6058	22	Mancos formation. Gry carb sh.

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