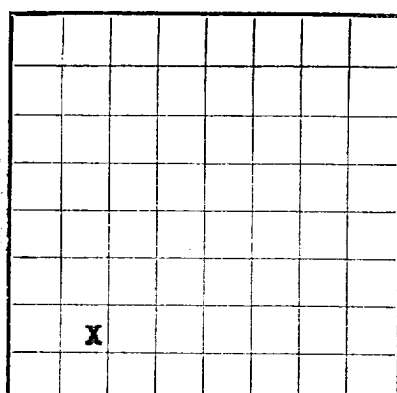


U. S. LAND OFFICE Jicarilla Tribal
SERIAL NUMBER Con. #65, Tract
LEASE OR PERMIT TO PROSPECT #122

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 997, Farmington, New Mexico
Lessor or Tract Jicarilla Field Wildcat State New Mexico
Well No. 2-C Sec. 15 T. 25N R. 4W Meridian NMPM County Rio Arriba
Location 990 ft. N. of S. Line and 835 ft. E. of W. Line of Section 15 Elevation 7058'
(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

Geo BoydDate June 6, 1956Title Petroleum Engineer

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

Commenced drilling April 7, 1956 Finished drilling April 15, 1956

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3455 to 3537 (G) No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ 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"	25.47	P.E.	S.W.	121'	Howco				Surface
5 1/2"	15.00	8.50	0-99	3537'	Howco				Producing
1 1/4"	2.34	8.50	0-99	3537'	Howco				Producing

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8"	133'	100	Circulated		
5 1/2"	3537'	150	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 _____ feet to 3537 feet, and from _____ feet to _____ feet

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

DATES

_____ April 22, 19 56 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 1,121,000 A.O.F. 3 hr. test thru 3/4" Ch. 1113 MCF/D.
Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 944

EMPLOYEES

_____, Driller _____, Driller

_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2957	2957	Tan to gry cr-grn ss interbedded w/gry sh.
2957	3100	143	Ojo Alamo ss. White cr-grn ss.
3100	3276	176	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
3276	3455	179	Fruitland form. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss.
3455	3537 T.D.	82	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft.ss.

[OVER]

16-48094-8

U. S. LAND OFFICE
SPECIAL AGENT IN CHARGE
BUREAU OF REVENUE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

NEW 243 830 410 710 201

LOCALITY: COBBLETON

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 _____

Location of _____ of _____ line and well to _____

Well No. _____ Sec. _____ T. _____ S. _____ R. _____

Location of _____ of _____ line and well to _____

State _____

County _____

Address _____

Company _____

The remaining on the page is for the condition of the well at above date

Oil or Gas Sands or Zones

(b) (5) DPP, (b) (5) ACP

No. 1 from	No. 1 from
No. 2 from	No. 2 from
No. 3 from	No. 3 from
No. 4 from	No. 4 from

REMARKS: 1. 10/10/77

to No. 3 from No. 1, from No. 2, from No. 4, from No. 8, from No. 1, from No. 2, from No. 3, from No. 4, from No. 8, from

4-10-56 Part. Intervals 3500-3400, 3400-3476, Water fractured, fractured cilia
with water, 60,000 psi and 60,000 psi. 3550 psi. Injection
rate of 0.15 min. Maximum pressure 3000 psi. Breakdown pressure 3000 psi. Average
treating pressure 1650 psi.

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.

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE 16-46084-2

FROM	TO	TOTAL FEET	FORMATION RECORD
100	98	2	Gravelly sandstone.
98	96	2	Sandstone.
96	94	2	Sandstone.
94	92	2	Sandstone.
92	90	2	Sandstone.
90	88	2	Sandstone.
88	86	2	Sandstone.
86	84	2	Sandstone.
84	82	2	Sandstone.
82	80	2	Sandstone.
80	78	2	Sandstone.
78	76	2	Sandstone.
76	74	2	Sandstone.
74	72	2	Sandstone.
72	70	2	Sandstone.
70	68	2	Sandstone.
68	66	2	Sandstone.
66	64	2	Sandstone.
64	62	2	Sandstone.
62	60	2	Sandstone.
60	58	2	Sandstone.
58	56	2	Sandstone.
56	54	2	Sandstone.
54	52	2	Sandstone.
52	50	2	Sandstone.
50	48	2	Sandstone.
48	46	2	Sandstone.
46	44	2	Sandstone.
44	42	2	Sandstone.
42	40	2	Sandstone.
40	38	2	Sandstone.
38	36	2	Sandstone.
36	34	2	Sandstone.
34	32	2	Sandstone.
32	30	2	Sandstone.
30	28	2	Sandstone.
28	26	2	Sandstone.
26	24	2	Sandstone.
24	22	2	Sandstone.
22	20	2	Sandstone.
20	18	2	Sandstone.
18	16	2	Sandstone.
16	14	2	Sandstone.
14	12	2	Sandstone.
12	10	2	Sandstone.
10	8	2	Sandstone.
8	6	2	Sandstone.
6	4	2	Sandstone.
4	2	2	Sandstone.
2	0	2	Sandstone.