

[illegible]

RECEIVED
JAN 19 1959
OIL CON. COM.
3

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 079366
LEASE OR PERMIT TO PROSPECT _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
JAN 16 1959
BIOLOGICAL SERVICE
NEW YORK

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company El Paso Natural Gas Company Address Box 997, Farmington, New Mexico
 Lessor or Tract Rincon Unit Field S. Blanco & S. Blanco Dak. Exts State New Mexico
 Well No. 108(MD) Sec. 19 T. 27 N. R. 6 W. Meridian N.M.P.M. County Rio Arriba
 Location 1750 ft. XXX of N Line and 1750 ft. XXX of E Line of Section 19 Elevation 6523
 (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. Original Signed R. G. MILLER
 Signed _____
 Date January 14, 1939 Title Petroleum Engineer

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

Commenced drilling May 16, 1958 Finished drilling November 8, 1958

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from	3032	to	3132 (G)	No. 4, from	4832	to	5276 (G)
No. 2, from	4008	to	4730 (G)	No. 5, from	5276-	to	5415 (G)
No. 3, from	4730	to	4832 (G)	No. 6, from	7244	to	7360 (G)
				No. 7, from	7360	to	7592 (G)

IMPORTANT WATER SANDS

No. 1, from _____ to _____

No. 2, from _____ to _____

No. 3, 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—	
10 3/4"	32.75	P.E.	S.W.	161'	Howco				Surface
7 5/8"	26.40	8 RA.	J-55	4670'	Baker				Intermediate
7 1/2"	25.50	8 RA.	J-55	4670'	Baker				Intermediate
2"	4.7	8 RA.	J-55	5400'	Baker				Prod. thg.
2"	4.7	8 RA.	J-55	5400'	Baker				Prod. thg.
1 1/4"	2.4	8 RA.	Grade 'A'	4580'	Baker				Surface

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4"	173'	125	Circulated		
7 5/8"	4680	650	Single Stage		
5 1/2"	4620-7529'	600	Single Stage		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size ~~Baker Model "D" Packer at 5500'.~~

SHOOTING RECORD

[illegible]

TOOLS USED

	TOOLS USED		Gas Drilled
Rotary tools were used from	175	feet to 1681	feet, and from 1681 feet to 7532 feet
Cable tools were used from	0	feet to 175	feet, and from _____ feet to _____ feet

DATES

-----~~November 30~~-----, 19~~58~~----- 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 ~~4-2,617,000~~ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 4,019,000 M--2881

EMPLOYEES A.O.F. D-5600 MCF/D

_____, Driller _____, Driller

_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2342	2342	Tan to gry cr-grn ss interbedded w/gry sh.
2342	2466	124	Ojo Alamo ss. White cr-grn s.
2466	2818	352	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
2818	3032	214	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
3032	3132	100	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
3132	4008	876	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
4008	4730	722	Chacra form. Gry fn grn silty, glauconitic sd stone with drk gry shale.
4730	4832	102	Cliff House ss. Gry, fine-grn, dense sil ss.
4832	5276	444	Manatee form. Gry, fine-grn s, carb sh & coal.
5276	5415	139	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
5415	6321	906	Manoas formation. Gry carb sh.
6321	6834	513	Gallup form. Lt gry to brn calc carb micac glauconitic very fine gry ss w/irreg. interbedded sh.
6834	6897	63	Tecite form. Gr to md grn sub angular to sub rd sil quartz sd glauco lt gr to tan.
6897	7187	290	Sanastee form. Drk gry calc very fine to fine gry ss w/calc veins w/irreg. inter drk gry s.
7187	7244	57	Greenhorn form. Highly calc gry sh w/thin lmst.

FORMATION RECORD—continued

FORMATION RECORD—Continued[illegible]

HISTORY OF OIL OR GAS WELL

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.

11-13-58 T.D. 7531'. CORO 7528' Oil. Gas Dakota perf. int. 7402-7416; 7460-7478; 7515-7521 (4 str) w/54,800 gal. oil & 60,000# sand, B.D.P. 3300#, max. pr. 3650#, avg. tr. pr. 3337#. I.R. 40.6 B.P.M. Flush 14,000 gallons.

Temp. B.P. set at 7250. Oil Free Greases perf. int. 7287-7298
(4 SFF) w/35,100 gallons oil & 37,500⁴ used. I.R.P. 2400⁴, max. pr.
3800⁴, avg. tr. pr. 3400⁴. I.R./40.5 B.P.M. Flush 4110⁶ gallons

11-22-58 T.H. 7532'. Temp. bridge plug at 7250'. French Point Lookout and Nanafes perf. int. 5012-5022; 5064-5065; 5172-5192; 5308-5338 5346-5352; 5410-5424 (2 SW) 4/66, 400 gallons water & 60,000 sand.

Flushed w/10,400 GALS. water @ 2.5 H.P. pump, max. pr. 3600', avg. pr. 1250-1000-1600-2150-2600'. I.R. 48.4 B.P.M. Injected 5 sets balls (30 balls/set). Balled off on last set—continued flush with 2 pump trucks (12,400's).

Set Pump. B.P. @ 4975'. Fraced Cliff House perf. int. 4748-4778
(2 BPP) w/14,000 gallons water & 40,000# sand. Flushed w/10,400
gallons water. B.D.P. 3000#, max. pr. 3000#, avg. tr. pr.

1700-1820 A.M. Inj. 15 balls. Short 2-way success
gun at 4:30 — press. up to 1800 — hold 0.R.

Page 2 of 2

1. The following information is for the purpose of the audit only and is not to be used for any other purpose.

[illegible][illegible]

ГОСУДАРСТВЕННАЯ

--	--	--	--	--

LOC OF OIL OR GAS WELL

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-----

05050010XZ 201415

1. Geological Survey of India

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

UNITED STATES

REPORT ON JUNE 10 BUSINESS

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-----

7-14-61 10-290

[illegible]