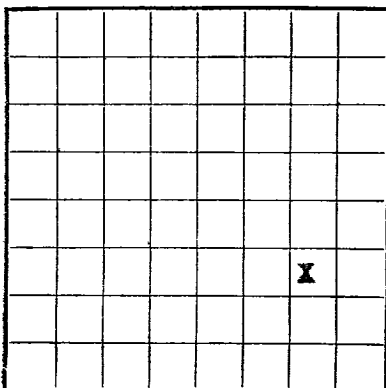




LOCATE WELL CORRECTLY

Budget Bureau No. 42-R355.4.
Approval expires 12-31-60.U. S. LAND OFFICE **Santa Fe**SERIAL NUMBER **07948**

LEASE OR PERMIT TO PROSPECT

JAN 18 1960

GEOLOGICAL SURVEY

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 San Juan 30-4 Unit Field Wildcat State New Mexico
Well No. 25 Sec. 11 T. 30N R. 4W Meridian N.M.P.M. County Rio Arriba
Location 1800 ft. N. of S Line and 990 ft. W. of E Line of Section 11 Elevation 6913
(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 J.J. TILLERSON
Signed _____

Date January 14, 1960 Title Petroleum Engineer

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

Commenced drilling 9-8, 1958 Finished drilling 9-30, 1958

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from _____ to _____ 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	23	8	1-33	111	100	100			Surface
5 7/8	17	8	1-33	100	100	100			Production
5 1/2	17	8	1-33	100	100	100			Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8	123	100	Circulated		
5 1/2	4016	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 0 feet to 4016 feet, and from _____ feet to _____ feet

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

DATES

P & A 12-2, 1959 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 P & A Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

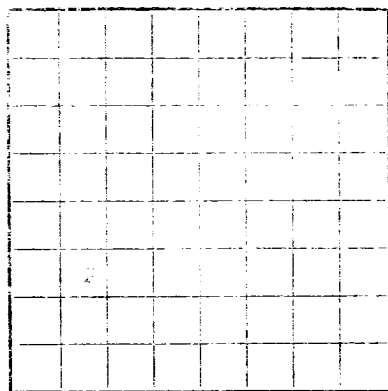
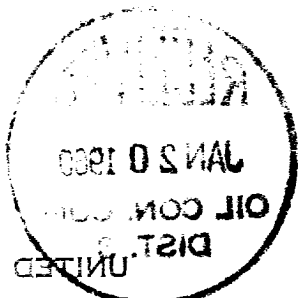
EMPLOYEES

_____, Driller _____, Driller

_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
3080	3080	3080	Tan to gry cr-grn ss interbedded w/gry sh.
3244	3244	164	Ojo Alamo ss. White cr-grn s.
3525	3525	281	Kirtland form. Gry sh interbedded w/gry fine-grn ss.
3650	3650	125	Fruitland form. Gry carb sh, scattered coaks, coals and gry, tight, fine-grn ss.
3971	3971	321	Pictared Cliffv form. Gry, fine-grn, tight, varicolored soft ss.
4016	4016	45	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.



LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company _____
Location or Tract _____
Well No. _____
Section _____ Township _____ Range _____
County _____ State _____
The information given herein is a complete and correct record of the well and all work done thereon.
ORIGINAL SIGNED BY INTERESTED PARTIES

Date of completion of well _____
The information on this page is for the condition of the well as above dated _____
Commenced drilling _____
Finished drilling _____

OIL OR GAS SANDS OR ZONES

1. Cemented part, 3660-3910 w/25 sds.
2. Cut and pulled 1490' of 5 1/2" casing.
3. Cemented 5 1/2" casing 1490' w/25 WATER SANDS.
4. Set 30 sds. cement at surface.
5. Set 4' x 4" pipe as permanent marker.
6. 70.8' from _____
7. 70.5' from _____
8. 70.4' from _____

12-2-59 T.D. 4016'. This well was abandoned in the following manner:

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with reasons for the well 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, position, and depth of shot. 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

FORMATION RECORD			
FROM-	TO-	TOTAL FEET	FORMATION
3000	2950	50	to 3000 ft. as investigated by log.
2950	2900	50	to 2950 ft. as investigated by log.
2900	2850	50	to 2900 ft. as investigated by log.
2850	2800	50	to 2850 ft. as investigated by log.
2800	2750	50	to 2800 ft. as investigated by log.
2750	2700	50	to 2750 ft. as investigated by log.
2700	2650	50	to 2700 ft. as investigated by log.
2650	2600	50	to 2650 ft. as investigated by log.
2600	2550	50	to 2600 ft. as investigated by log.
2550	2500	50	to 2550 ft. as investigated by log.
2500	2450	50	to 2500 ft. as investigated by log.
2450	2400	50	to 2450 ft. as investigated by log.
2400	2350	50	to 2400 ft. as investigated by log.
2350	2300	50	to 2350 ft. as investigated by log.
2300	2250	50	to 2300 ft. as investigated by log.
2250	2200	50	to 2250 ft. as investigated by log.
2200	2150	50	to 2200 ft. as investigated by log.
2150	2100	50	to 2150 ft. as investigated by log.
2100	2050	50	to 2100 ft. as investigated by log.
2050	2000	50	to 2050 ft. as investigated by log.
2000	1950	50	to 2000 ft. as investigated by log.
1950	1900	50	to 1950 ft. as investigated by log.
1900	1850	50	to 1900 ft. as investigated by log.
1850	1800	50	to 1850 ft. as investigated by log.
1800	1750	50	to 1800 ft. as investigated by log.
1750	1700	50	to 1750 ft. as investigated by log.
1700	1650	50	to 1700 ft. as investigated by log.
1650	1600	50	to 1650 ft. as investigated by log.
1600	1550	50	to 1600 ft. as investigated by log.
1550	1500	50	to 1550 ft. as investigated by log.
1500	1450	50	to 1500 ft. as investigated by log.
1450	1400	50	to 1450 ft. as investigated by log.
1400	1350	50	to 1400 ft. as investigated by log.
1350	1300	50	to 1350 ft. as investigated by log.
1300	1250	50	to 1300 ft. as investigated by log.
1250	1200	50	to 1250 ft. as investigated by log.
1200	1150	50	to 1200 ft. as investigated by log.
1150	1100	50	to 1150 ft. as investigated by log.
1100	1050	50	to 1100 ft. as investigated by log.
1050	1000	50	to 1050 ft. as investigated by log.
1000	950	50	to 1000 ft. as investigated by log.
950	900	50	to 950 ft. as investigated by log.
900	850	50	to 900 ft. as investigated by log.
850	800	50	to 850 ft. as investigated by log.
800	750	50	to 800 ft. as investigated by log.
750	700	50	to 750 ft. as investigated by log.
700	650	50	to 700 ft. as investigated by log.
650	600	50	to 650 ft. as investigated by log.
600	550	50	to 600 ft. as investigated by log.
550	500	50	to 550 ft. as investigated by log.
500	450	50	to 500 ft. as investigated by log.
450	400	50	to 450 ft. as investigated by log.
400	350	50	to 400 ft. as investigated by log.
350	300	50	to 350 ft. as investigated by log.
300	250	50	to 300 ft. as investigated by log.
250	200	50	to 250 ft. as investigated by log.
200	150	50	to 200 ft. as investigated by log.
150	100	50	to 150 ft. as investigated by log.
100	50	50	to 100 ft. as investigated by log.
50	0	50	to 50 ft. as investigated by log.

EMPLOYEES

Driller _____
Driller _____
Driller _____

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
3000	2950	50	to 3000 ft. as investigated by log.
2950	2900	50	to 2950 ft. as investigated by log.
2900	2850	50	to 2900 ft. as investigated by log.
2850	2800	50	to 2850 ft. as investigated by log.
2800	2750	50	to 2800 ft. as investigated by log.
2750	2700	50	to 2750 ft. as investigated by log.
2700	2650	50	to 2700 ft. as investigated by log.
2650	2600	50	to 2650 ft. as investigated by log.
2600	2550	50	to 2600 ft. as investigated by log.
2550	2500	50	to 2550 ft. as investigated by log.
2500	2450	50	to 2500 ft. as investigated by log.
2450	2400	50	to 2450 ft. as investigated by log.
2400	2350	50	to 2400 ft. as investigated by log.
2350	2300	50	to 2350 ft. as investigated by log.
2300	2250	50	to 2300 ft. as investigated by log.
2250	2200	50	to 2250 ft. as investigated by log.
2200	2150	50	to 2200 ft. as investigated by log.
2150	2100	50	to 2150 ft. as investigated by log.
2100	2050	50	to 2100 ft. as investigated by log.
2050	2000	50	to 2050 ft. as investigated by log.
2000	1950	50	to 2000 ft. as investigated by log.
1950	1900	50	to 1950 ft. as investigated by log.
1900	1850	50	to 1900 ft. as investigated by log.
1850	1800	50	to 1850 ft. as investigated by log.
1800	1750	50	to 1800 ft. as investigated by log.
1750	1700	50	to 1750 ft. as investigated by log.
1700	1650	50	to 1700 ft. as investigated by log.
1650	1600	50	to 1650 ft. as investigated by log.
1600	1550	50	to 1600 ft. as investigated by log.
1550	1500	50	to 1550 ft. as investigated by log.
1500	1450	50	to 1500 ft. as investigated by log.
1450	1400	50	to 1450 ft. as investigated by log.
1400	1350	50	to 1400 ft. as investigated by log.
1350	1300	50	to 1350 ft. as investigated by log.
1300	1250	50	to 1300 ft. as investigated by log.
1250	1200	50	to 1250 ft. as investigated by log.
1200	1150	50	to 1200 ft. as investigated by log.
1150	1100	50	to 1150 ft. as investigated by log.
1100	1050	50	to 1100 ft. as investigated by log.
1050	1000	50	to 1050 ft. as investigated by log.
1000	950	50	to 1000 ft. as investigated by log.
950	900	50	to 950 ft. as investigated by log.
900	850	50	to 900 ft. as investigated by log.
850	800	50	to 850 ft. as investigated by log.
800	750	50	to 800 ft. as investigated by log.
750	700	50	to 750 ft. as investigated by log.
700	650	50	to 700 ft. as investigated by log.
650	600	50	to 650 ft. as investigated by log.
600	550	50	to 600 ft. as investigated by log.
550	500	50	to 550 ft. as investigated by log.
500	450	50	to 500 ft. as investigated by log.
450	400	50	to 450 ft. as investigated by log.
400	350	50	to 400 ft. as investigated by log.
350	300	50	to 350 ft. as investigated by log.
300	250	50	to 300 ft. as investigated by log.
250	200	50	to 250 ft. as investigated by log.
200	150	50	to 200 ft. as investigated by log.
150	100	50	to 150 ft. as investigated by log.
100	50	50	to 100 ft. as investigated by log.
50	0	50	to 50 ft. as investigated by log.