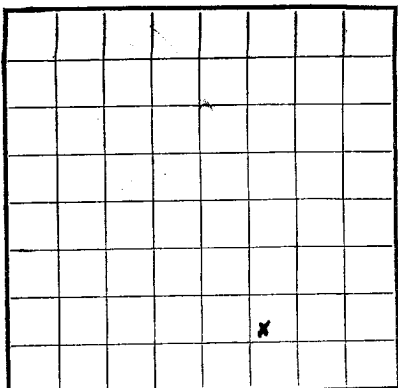


Form 9-830

SF
U. S. LAND OFFICE 078621
SERIAL NUMBER
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Products Co. Address Box 997, Farmington
Lessor or Tract Brookhaven Field Wildcat State New Mexico
Well No. 2-A Sec. 29 T. 25N R. 10W Meridian N.M.P.M. County San Juan
Location 790 ft. N. of S. Line and 1650 ft. E. of E. Line of Sec. 29 Elevation 6726
(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 William K. Glazener Title Petroleum Engineer

Date October 2, 1957

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

Commenced drilling 5-5, 19 57 Finished drilling 5-15, 19 57

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 5070 to 5238 No. 4, from 5238 to 5308
No. 2, from 5238 to 5308 No. 5, from 5308 to 5350
No. 3, from 5350 to 5350 No. 6, from 5350 to 5350

IMPORTANT WATER SANDS

No. 1, from 5350 to 5350 No. 3, from 5350 to 5350
No. 2, from 5350 to 5350 No. 4, from 5350 to 5350

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	FE	SW	160'	Howco		5241	5260	Surface
8 1/2	15.30	8 AD	J-55	5138	Baker		5269	5288	Prod.
2" REG	4.7	8 AD	J-55	5283					Prod. Idg.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4	172'	150	Circulated		
8 1/2	5350'	300	Single Stage		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size Baker "EGJ" Packer # 5200

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from 0 feet to 5350 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

August 11, 19 57 Put to producing August 21, 19 57
591.36 barrels of fluid of which 100% was oil; _____%
The production for the first 24 hours was _____% water; and _____% sediment.

If gas well, cu. ft. per 24 hours _____ Gravity, °Bé. _____
Rock pressure, lbs. per sq. in. _____ Gallons gasoline per 1,000 cu. ft. of gas _____

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	740	740	Sand & shale
740	868	128	Ojo Alamo-ss. white cr-grn s.
868	1385	517	Kirtland-Gry sh interbedded w/tight gry fine-grn ss.
1385	1602	217	Fruitland-Gry carb sh, scattered coals, coals and gry, tight, fine grn ss.
1602	1770	168	Pictured Cliffs-Gry, fine-grn, tight, vari-colored soft ss.
1770	2400	630	Lewis-Gry to white dense sh w/silty to shaly ss breaks.
2400	4050	1650	Mesa Verde-Gry, fine-grn, dense sil ss., carb sh & coal.
4050	4245	195	Point Lookout-Gry, very fine sil ss w/frequent sh breaks.
4245	5070	825	Mancos-Gry carb sh.
5070	5238	168	Gallup-Lt gry to brn calc carb micac glauco very fine gry ss w/irreg. interbed sh.
5238	5350	112	Marye-

[illegible]

1. DATE _____
 2. TIME _____
 3. LOCATION _____
 4. WIND _____
 5. SEA _____
 6. WAVE _____
 7. TEMP _____
 8. MOON _____
 9. STAR _____
 10. PLANET _____
 11. OTHER _____
 12. REMARKS _____
 13. SIGNATURE _____
 14. NAME _____
 15. POST _____
 16. ADDRESS _____
 17. CITY _____
 18. STATE _____
 19. COUNTRY _____
 20. TELEPHONE _____
 21. TELETYPE _____
 22. FAX _____
 23. EMAIL _____
 24. WEBSITE _____
 25. OTHER _____

NEW 240 300 360 420 480 540 600 660 720 780 840 900 960 1020 1080 1140 1200 1260 1320 1380 1440 1500 1560 1620 1680 1740 1800 1860 1920 1980 2040 2100 2160 2220 2280 2340 2400 2460 2520 2580 2640 2700 2760 2820 2880 2940 3000 3060 3120 3180 3240 3300 3360 3420 3480 3540 3600 3660 3720 3780 3840 3900 3960 4020 4080 4140 4200 4260 4320 4380 4440 4500 4560 4620 4680 4740 4800 4860 4920 4980 5040 5100 5160 5220 5280 5340 5400 5460 5520 5580 5640 5700 5760 5820 5880 5940 6000 6060 6120 6180 6240 6300 6360 6420 6480 6540 6600 6660 6720 6780 6840 6900 6960 7020 7080 7140 7200 7260 7320 7380 7440 7500 7560 7620 7680 7740 7800 7860 7920 7980 8040 8100 8160 8220 8280 8340 8400 8460 8520 8580 8640 8700 8760 8820 8880 8940 9000 9060 9120 9180 9240 9300 9360 9420 9480 9540 9600 9660 9720 9780 9840 9900 9960 10020 10080 10140 10200 10260 10320 10380 10440 10500 10560 10620 10680 10740 10800 10860 10920 10980 11040 11100 11160 11220 11280 11340 11400 11460 11520 11580 11640 11700 11760 11820 11880 11940 12000 12060 12120 12180 12240 12300 12360 12420 12480 12540 12600 12660 12720 12780 12840 12900 12960 13020 13080 13140 13200 13260 13320 13380 13440 13500 13560 13620 13680 13740 13800 13860 13920 13980 14040 14100 14160 14220 14280 14340 14400 14460 14520 14580 14640 14700 14760 14820 14880 14940 15000 15060 15120 15180 15240 15300 15360 15420 15480 15540 15600 15660 15720 15780 15840 15900 15960 16020 16080 16140 16200 16260 16320 16380 16440 16500 16560 16620 16680 16740 16800 16860 16920 16980 17040 17100 17160 17220 17280 17340 17400 17460 17520 17580 17640 17700 17760 17820 17880 17940 18000 18060 18120 18180 18240 18300 18360 18420 18480 18540 18600 18660 18720 18780 18840 18900 18960 19020 19080 19140 19200 19260 19320 19380 19440 19500 19560 19620 19680 19740 19800 19860 19920 19980 20040 20100 20160 20220 20280 20340 20400 20460 20520 20580 20640 20700 20760 20820 20880 20940 21000 21060 21120 21180 21240 21300 21360 21420 21480 21540 21600 21660 21720 21780 21840 21900 21960 22020 22080 22140 22200 22260 22320 22380 22440 22500 22560 22620 22680 22740 22800 22860 22920 22980 23040 23100 23160 23220 23280 23340 23400 23460 23520 23580 23640 23700 23760 23820 23880 23940 24000 24060 24120 24180 24240 24300 24360 24420 24480 24540 24600 24660 24720 24780 24840 24900 24960 25020 25080 25140 25200 25260 25320 25380 25440 25500 25560 25620 25680 25740 25800 25860 25920 25980 26040 26100 26160 26220 26280 26340 26400 26460 26520 26580 26640 26700 26760 26820 26880 26940 27000 27060 27120 27180 27240 27300 27360 27420 27480 27540 27600 27660 27720 27780 27840 27900 27960 28020 28080 28140 28200 28260 28320 28380 28440 28500 28560 28620 28680 28740 28800 28860 28920 28980 29040 29100 29160 29220 29280 29340 29400 29460 29520 29580 29640 29700 29760 29820 29880 29940 30000 30060 30120 30180 30240 30300 30360 30420 30480 30540 30600 30660 30720 30780 30840 30900 30960 31020 31080 31140 31200 31260 31320 31380 31440 31500 31560 31620 31680 31740 31800 31860 31920 31980 32040 32100 32160 32220 32280 32340 32400 32460 32520 32580 32640 32700 32760 32820 32880 32940 33000 33060 33120 33180 33240 33300 33360 33420 33480 33540 33600 33660 33720 33780 33840 33900 33960 34020 34080 34140 34200 34260 34320 34380 34440 34500 34560 34620 34680 34740 34800 34860 34920 34980 35040 35100 35160 35220 35280 35340 35400 35460 35520 35580 35640 35700 35760 35820 35880 35940 36000 36060 36120 36180 36240 36300 36360 36420 36480 36540 36600 36660 36720 36780 36840 36900 36960 37020 37080 37140 37200 37260 37320 37380 37440 37500 37560 37620 37680 37740 37800 37860 37920 37980 38040 38100 38160 38220 38280 38340 38400 38460 38520 38580 38640 38700 38760 38820 38880 38940 39000 39060 39120 39180 39240 39300 39360 39420 39480 39540 39600 39660 39720 39780 39840 39900 39960 40020 40080 40140 40200 40260 40320 40380 40440 40500 40560 40620 40680 40740 40800 40860 40920 40980 41040 41100 41160 41220 41280 41340 41400 41460 41520 41580 41640 41700 41760 41820 41880 41940 42000 42060 42120 42180 42240 42300 42360 42420 42480 42540 42600 42660 42720 42780 42840 4290

A blank sheet of graph paper with a grid pattern. The grid consists of small squares formed by thin lines. There are also thicker lines forming a larger grid, dividing the page into four quadrants. The paper is otherwise empty of any markings or text.

DEPARTMENT OF THE ARMY

7-29-57 Fraced Gallup thr. perforations 5271'-5260', 5269'-5286' w/22,000 gal. oil & 22,000# sand. brkdn Press. 1800#, Tr. Press. 2000#-2500#, Max. Press. 3820#. Dropped 30 Balls 2 times. Balled off. Released press. avg. Inf. Rate 47 BPM. Could not pump into hole @ 3500 PSI. Cleaned out to 4678'.

8-2-57 Frac w/57,978 gal oil & 50,000# sand. Flush w/55,000 gal oil. BDP 2150#, Tr. Press. 2025#-2500#. Pumped 22,000 gal. then dropped 50 Balls. Pumped 5300 gal. & dropped 10 Balls 8 times. Total of 130 Balls. Max. Press. 2700#, Avg. Inf. Rate 41.3 BPM.

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

16-43094-2 U. S. GOVERNMENT PRINTING OFFICE

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