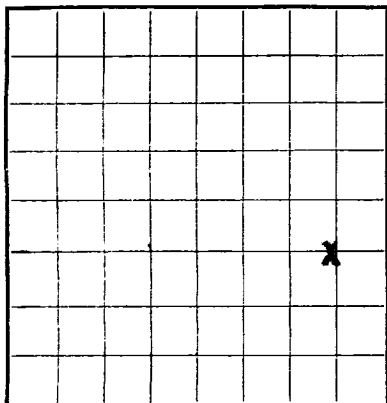
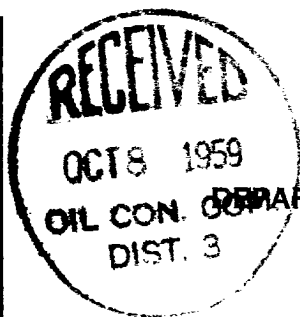




LOCATE WELL CORRECTLY



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

Navajo-Ute
19-20-404-1951
1959
U. S. GEOLOGICAL SURVEY
ALBUQUERQUE, NEW MEXICO

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Products Co. Address Box 1565, Farmington, New Mexico
Lessor or Tract Horseshoe Ute Field Horseshoe Gallup State New Mexico
Well No. 23 Sec. 28 T. 31N R. 16W Meridian NMPM County San Juan
Location 1980 ft. N. of S. Line and 660 ft. W. of E. Line of Section 28 Elevation 5722'
(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 ORIGINAL SIGNED BY: WILLIAM K. GLAZENER
Date October 6, 1959 Title Petroleum Engineer

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

Commenced drilling September 3, 1959 Finished drilling September 8, 1959

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

No. 1, from 1574 to 1600 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—	
8-5/8"	32.00	4	112	112	112	112			Surface
5-1/2"	23.00	4	112	112	112	112			Production
HISTORY OF OIL OR GAS WELL									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	121	125	Circulated		
5-1/2"	1767	100	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

TOOLS USED

Rotary tools were used from 0 feet to 1768 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

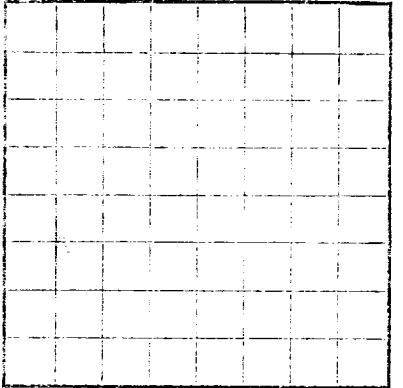
September 10, 1959 Put to producing October 2, 1959
The production for the first 24 hours was 74.50 barrels of fluid of which 100% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, °Bé. 40.5 API
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	315	315	Point Lookout Form. Gy., v/fn. silty ss. w/frequent shale breaks.
315	1360	1045	Mancos Form. Gy. carb. shale.
1360	1721	361	Gallup Form. Lt. gy. to brn. calc. carb. micaceous glauconitic. Very fn. to med. gr. ss. w/irreg. interbedded shale.
1721	1768	47	Sanaskee Form. Dk. gy. calc. v/fn. to fn. gy. ss. w/calc. veins, w/irreg. inbd. dk. gy. sand.
TOPS ARE FROM ELECTRIC LOGS AND RADIOACTIVITY LOGS.			



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company: Standard Oil Company
Lessor or Tract: Section 36, Township 36 North, Range 10 East, T13N, R10E, S36
Well No.: 1
Location: 1/2 Sec. 36, T36N, R10E, S36
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: Geological Engineer
Date: October 6, 1939

The summary on this page is for the condition of the well at above date.
Commenced drilling: September 1, 1939
Finished drilling: October 6, 1939

OIL OR GAS SANDS OR ZONES

No. 1, from 1574 to 1600 feet, oil
No. 2, from 1600 to 1650 feet, oil
No. 3, from 1650 to 1700 feet, oil
No. 4, from 1700 to 1750 feet, oil
No. 5, from 1750 to 1800 feet, oil
No. 6, from 1800 to 1850 feet, oil
No. 7, from 1850 to 1900 feet, oil
No. 8, from 1900 to 1950 feet, oil
No. 9, from 1950 to 2000 feet, oil
No. 10, from 2000 to 2050 feet, oil
No. 11, from 2050 to 2100 feet, oil
No. 12, from 2100 to 2150 feet, oil
No. 13, from 2150 to 2200 feet, oil
No. 14, from 2200 to 2250 feet, oil
No. 15, from 2250 to 2300 feet, oil
No. 16, from 2300 to 2350 feet, oil
No. 17, from 2350 to 2400 feet, oil
No. 18, from 2400 to 2450 feet, oil
No. 19, from 2450 to 2500 feet, oil
No. 20, from 2500 to 2550 feet, oil
No. 21, from 2550 to 2600 feet, oil
No. 22, from 2600 to 2650 feet, oil
No. 23, from 2650 to 2700 feet, oil
No. 24, from 2700 to 2750 feet, oil
No. 25, from 2750 to 2800 feet, oil
No. 26, from 2800 to 2850 feet, oil
No. 27, from 2850 to 2900 feet, oil
No. 28, from 2900 to 2950 feet, oil
No. 29, from 2950 to 3000 feet, oil
No. 30, from 3000 to 3050 feet, oil
No. 31, from 3050 to 3100 feet, oil
No. 32, from 3100 to 3150 feet, oil
No. 33, from 3150 to 3200 feet, oil
No. 34, from 3200 to 3250 feet, oil
No. 35, from 3250 to 3300 feet, oil
No. 36, from 3300 to 3350 feet, oil
No. 37, from 3350 to 3400 feet, oil
No. 38, from 3400 to 3450 feet, oil
No. 39, from 3450 to 3500 feet, oil
No. 40, from 3500 to 3550 feet, oil
No. 41, from 3550 to 3600 feet, oil
No. 42, from 3600 to 3650 feet, oil
No. 43, from 3650 to 3700 feet, oil
No. 44, from 3700 to 3750 feet, oil
No. 45, from 3750 to 3800 feet, oil
No. 46, from 3800 to 3850 feet, oil
No. 47, from 3850 to 3900 feet, oil
No. 48, from 3900 to 3950 feet, oil
No. 49, from 3950 to 4000 feet, oil
No. 50, from 4000 to 4050 feet, oil
No. 51, from 4050 to 4100 feet, oil
No. 52, from 4100 to 4150 feet, oil
No. 53, from 4150 to 4200 feet, oil
No. 54, from 4200 to 4250 feet, oil
No. 55, from 4250 to 4300 feet, oil
No. 56, from 4300 to 4350 feet, oil
No. 57, from 4350 to 4400 feet, oil
No. 58, from 4400 to 4450 feet, oil
No. 59, from 4450 to 4500 feet, oil
No. 60, from 4500 to 4550 feet, oil
No. 61, from 4550 to 4600 feet, oil
No. 62, from 4600 to 4650 feet, oil
No. 63, from 4650 to 4700 feet, oil
No. 64, from 4700 to 4750 feet, oil
No. 65, from 4750 to 4800 feet, oil
No. 66, from 4800 to 4850 feet, oil
No. 67, from 4850 to 4900 feet, oil
No. 68, from 4900 to 4950 feet, oil
No. 69, from 4950 to 5000 feet, oil
No. 70, from 5000 to 5050 feet, oil
No. 71, from 5050 to 5100 feet, oil
No. 72, from 5100 to 5150 feet, oil
No. 73, from 5150 to 5200 feet, oil
No. 74, from 5200 to 5250 feet, oil
No. 75, from 5250 to 5300 feet, oil
No. 76, from 5300 to 5350 feet, oil
No. 77, from 5350 to 5400 feet, oil
No. 78, from 5400 to 5450 feet, oil
No. 79, from 5450 to 5500 feet, oil
No. 80, from 5500 to 5550 feet, oil
No. 81, from 5550 to 5600 feet, oil
No. 82, from 5600 to 5650 feet, oil
No. 83, from 5650 to 5700 feet, oil
No. 84, from 5700 to 5750 feet, oil
No. 85, from 5750 to 5800 feet, oil
No. 86, from 5800 to 5850 feet, oil
No. 87, from 5850 to 5900 feet, oil
No. 88, from 5900 to 5950 feet, oil
No. 89, from 5950 to 6000 feet, oil
No. 90, from 6000 to 6050 feet, oil
No. 91, from 6050 to 6100 feet, oil
No. 92, from 6100 to 6150 feet, oil
No. 93, from 6150 to 6200 feet, oil
No. 94, from 6200 to 6250 feet, oil
No. 95, from 6250 to 6300 feet, oil
No. 96, from 6300 to 6350 feet, oil
No. 97, from 6350 to 6400 feet, oil
No. 98, from 6400 to 6450 feet, oil
No. 99, from 6450 to 6500 feet, oil
No. 100, from 6500 to 6550 feet, oil
No. 101, from 6550 to 6600 feet, oil
No. 102, from 6600 to 6650 feet, oil
No. 103, from 6650 to 6700 feet, oil
No. 104, from 6700 to 6750 feet, oil
No. 105, from 6750 to 6800 feet, oil
No. 106, from 6800 to 6850 feet, oil
No. 107, from 6850 to 6900 feet, oil
No. 108, from 6900 to 6950 feet, oil
No. 109, from 6950 to 7000 feet, oil
No. 110, from 7000 to 7050 feet, oil
No. 111, from 7050 to 7100 feet, oil
No. 112, from 7100 to 7150 feet, oil
No. 113, from 7150 to 7200 feet, oil
No. 114, from 7200 to 7250 feet, oil
No. 115, from 7250 to 7300 feet, oil
No. 116, from 7300 to 7350 feet, oil
No. 117, from 7350 to 7400 feet, oil
No. 118, from 7400 to 7450 feet, oil
No. 119, from 7450 to 7500 feet, oil
No. 120, from 7500 to 7550 feet, oil
No. 121, from 7550 to 7600 feet, oil
No. 122, from 7600 to 7650 feet, oil
No. 123, from 7650 to 7700 feet, oil
No. 124, from 7700 to 7750 feet, oil
No. 125, from 7750 to 7800 feet, oil
No. 126, from 7800 to 7850 feet, oil
No. 127, from 7850 to 7900 feet, oil
No. 128, from 7900 to 7950 feet, oil
No. 129, from 7950 to 8000 feet, oil
No. 130, from 8000 to 8050 feet, oil
No. 131, from 8050 to 8100 feet, oil
No. 132, from 8100 to 8150 feet, oil
No. 133, from 8150 to 8200 feet, oil
No. 134, from 8200 to 8250 feet, oil
No. 135, from 8250 to 8300 feet, oil
No. 136, from 8300 to 8350 feet, oil
No. 137, from 8350 to 8400 feet, oil
No. 138, from 8400 to 8450 feet, oil
No. 139, from 8450 to 8500 feet, oil
No. 140, from 8500 to 8550 feet, oil
No. 141, from 8550 to 8600 feet, oil
No. 142, from 8600 to 8650 feet, oil
No. 143, from 8650 to 8700 feet, oil
No. 144, from 8700 to 8750 feet, oil
No. 145, from 8750 to 8800 feet, oil
No. 146, from 8800 to 8850 feet, oil
No. 147, from 8850 to 8900 feet, oil
No. 148, from 8900 to 8950 feet, oil
No. 149, from 8950 to 9000 feet, oil
No. 150, from 9000 to 9050 feet, oil
No. 151, from 9050 to 9100 feet, oil
No. 152, from 9100 to 9150 feet, oil
No. 153, from 9150 to 9200 feet, oil
No. 154, from 9200 to 9250 feet, oil
No. 155, from 9250 to 9300 feet, oil
No. 156, from 9300 to 9350 feet, oil
No. 157, from 9350 to 9400 feet, oil
No. 158, from 9400 to 9450 feet, oil
No. 159, from 9450 to 9500 feet, oil
No. 160, from 9500 to 9550 feet, oil
No. 161, from 9550 to 9600 feet, oil
No. 162, from 9600 to 9650 feet, oil
No. 163, from 9650 to 9700 feet, oil
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No. 165, from 9750 to 9800 feet, oil
No. 166, from 9800 to 9850 feet, oil
No. 167, from 9850 to 9900 feet, oil
No. 168, from 9900 to 9950 feet, oil
No. 169, from 9950 to 10000 feet, oil
No. 170, from 10000 to 10050 feet, oil
No. 171, from 10050 to 10100 feet, oil
No. 172, from 10100 to 10150 feet, oil
No. 173, from 10150 to 10200 feet, oil
No. 174, from 10200 to 10250 feet, oil
No. 175, from 10250 to 10300 feet, oil
No. 176, from 10300 to 10350 feet, oil
No. 177, from 10350 to 10400 feet, oil
No. 178, from 10400 to 10450 feet, oil
No. 179, from 10450 to 10500 feet, oil
No. 180, from 10500 to 10550 feet, oil
No. 181, from 10550 to 10600 feet, oil
No. 182, from 10600 to 10650 feet, oil
No. 183, from 10650 to 10700 feet, oil
No. 184, from 10700 to 10750 feet, oil
No. 185, from 10750 to 10800 feet, oil
No. 186, from 10800 to 10850 feet, oil
No. 187, from 10850 to 10900 feet, oil
No. 188, from 10900 to 10950 feet, oil
No. 189, from 10950 to 11000 feet, oil
No. 190, from 11000 to 11050 feet, oil
No. 191, from 11050 to 11100 feet, oil
No. 192, from 11100 to 11150 feet, oil
No. 193, from 11150 to 11200 feet, oil
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No. 209, from 11950 to 12000 feet, oil
No. 210, from 12000 to 12050 feet, oil
No. 211, from 12050 to 12100 feet, oil
No. 212, from 12100 to 12150 feet, oil
No. 213, from 12150 to 12200 feet, oil
No. 214, from 12200 to 12250 feet, oil
No. 215, from 12250 to 12300 feet, oil
No. 216, from 12300 to 12350 feet, oil
No. 217, from 12350 to 12400 feet, oil
No. 218, from 12400 to 12450 feet, oil
No. 219, from 12450 to 12500 feet, oil
No. 220, from 12500 to 12550 feet, oil
No. 221, from 12550 to 12600 feet, oil
No. 222, from 12600 to 12650 feet, oil
No. 223, from 12650 to 12700 feet, oil
No. 224, from 12700 to 12750 feet, oil
No. 225, from 12750 to 12800 feet, oil
No. 226, from 12800 to 12850 feet, oil
No. 227, from 12850 to 12900 feet, oil
No. 228, from 12900 to 12950 feet, oil
No. 229, from 12950 to 13000 feet, oil
No. 230, from 13000 to 13050 feet, oil
No. 231, from 13050 to 13100 feet, oil
No. 232, from 13100 to 13150 feet, oil
No. 233, from 13150 to 13200 feet, oil
No. 234, from 13200 to 13250 feet, oil
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No. 243, from 13650 to 13700 feet, oil
No. 244, from 13700 to 13750 feet, oil
No. 245, from 13750 to 13800 feet, oil
No. 246, from 13800 to 13850 feet, oil
No. 247, from 13850 to 13900 feet, oil
No. 248, from 13900 to 13950 feet, oil
No. 249, from 13950 to 14000 feet, oil
No. 250, from 14000 to 14050 feet, oil
No. 251, from 14050 to 14100 feet, oil
No. 252, from 14100 to 14150 feet, oil
No. 253, from 14150 to 14200 feet, oil
No. 254, from 14200 to 14250 feet, oil
No. 255, from 14250 to 14300 feet, oil
No. 256, from 14300 to 14350 feet, oil
No. 257, from 14350 to 14400 feet, oil
No. 258, from 14400 to 14450 feet, oil
No. 259, from 14450 to 14500 feet, oil
No. 260, from 14500 to 14550 feet, oil
No. 261, from 14550 to 14600 feet, oil
No. 262, from 14600 to 14650 feet, oil
No. 263, from 14650 to 14700 feet, oil
No. 264, from 14700 to 14750 feet, oil
No. 265, from 14750 to 14800 feet, oil
No. 266, from 14800 to 14850 feet, oil
No. 267, from 14850 to 14900 feet, oil
No. 268, from 14900 to 14950 feet, oil
No. 269, from 14950 to 15000 feet, oil
No. 270, from 15000 to 15050 feet, oil
No. 271, from 15050 to 15100 feet, oil
No. 272, from 15100 to 15150 feet, oil
No. 273, from 15150 to 15200 feet, oil
No. 274, from 15200 to 15250 feet, oil
No. 275, from 15250 to 15300 feet, oil
No. 276, from 15300 to 15350 feet, oil
No. 277, from 15350 to 15400 feet, oil
No. 278, from 15400 to 15450 feet, oil
No. 279, from 15450 to 15500 feet, oil
No. 280, from 15500 to 15550 feet, oil
No. 281, from 15550 to 15600 feet, oil
No. 282, from 15600 to 15650 feet, oil
No. 283, from 15650 to 15700 feet, oil
No. 284, from 15700 to 15750 feet, oil
No. 285, from 15750 to 15800 feet, oil
No. 286, from 15800 to 15850 feet, oil
No. 287, from 15850 to 15900 feet, oil
No. 288, from 15900 to 15950 feet, oil
No. 289, from 15950 to 16000 feet, oil
No. 290, from 16000 to 16050 feet, oil
No. 291, from 16050 to 16100 feet, oil
No. 29