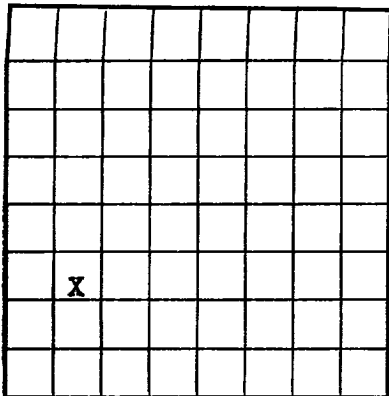


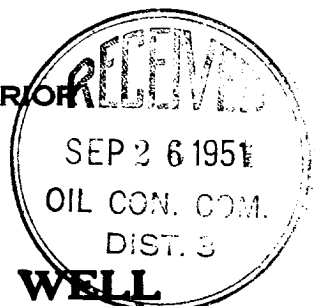
Ute Mountain

U. S. LAND OFFICE Tribal LandsSERIAL NUMBER I-22-Ind-2772

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 Company Address P. O. Box 997, Farmington, New Mexico
Lessor or Tract Ute Field Barker Creek Dome State New Mexico
Well No. 8 Sec. 15 T. 32N R. 14W Meridian N. M. P. M. County San Juan
Location 1750 ft. (N.) of S. Line and 940 ft. (E.) of W. Line of Section 15 Elevation 6520
6520 (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 _____

Date September 20, 1951 Title E. J. Coal
Petroleum Engineer

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

Commenced drilling June 27, 1951 Finished drilling August 21, 1951

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2554 to 2777 (G) No. 4, from 8750 to 8848 (G)

No. 2, from 8516 to 8575 (G) No. 5, from _____ to _____

No. 3, from 8623 to 8716 (G) 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—	
13-3/8	51	8	Young	8873	Ballb.				Production
9-5/8	36	8	Young	8873	Ballb.				Intermediate
7	23	8	Young	8873	Ballb.				Production
2-1/2	6.5	8	Young	8873	Ballb.				Prod. tubing

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8	297	250	Circulated		
9-5/8	2847	900	Single Stage		
7	9022	1750	Two Stage		
2-1/2	8873				

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 Acid Record under History				

TOOLS USED

Rotary tools were used from 0 feet to 9037 feet, and from _____ feet to _____ feet

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

Plug back in casing to 8900

DATES

September 6, 1951 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 400,000,000 open flow Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 2693 casing pressure

EMPLOYEES

_____, Driller _____, Driller

_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	559	559	Mesaverde Group - shales & sandstones.
559	2420	1861	Mancos shale - gray to buff shales.
2420	2554	134	Greenhorn formation - thin-bedded limestone & gray shales.
2554	2777	223	Dakota sandstone - white, medium-grained, tight to sl. porous, calc. sandstone, gray shales & coal.
2777	3272	495	Morrison formation - green shales & white, sil. tight sandstone.
3272	6747	3475	Red Beds - red, sandy shales, & red to buff shaley sandstone.
6747	6830	83	Rico formation - Gray, thin-bedded dense limestone & variegated shales.
6830	8045	1215	Hermosa formation: tan to gray very fine xlm. dense limestone.
8045	6920	90	White to tan, coarsely xlm. foss. sl. porous limestone.
6920	7000	80	Tan to gray, very fine gran. to coarsely xlm. porous foss. sil. limestone.
7000	7100	100	Tan to gray, very fine gran. to coarsely xlm. porous foss. sil. limestone.
7100	7420	320	Tan to gray, granular, sil. porous, sil. calcitic porous limestone.
7420	7660	240	Tan to gray, granular, sil. porous, sil. calcitic foss. sil. limestone.

FORMATION RECORD—Continued

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
7650	7850	190	tan to gray, very fine, gran. to clay; calcareous limestone interbedded w/ thin beds of gray shale.
7650	8045	195	gray, st. porous limestone.
8045	8265	220	black shales & thin-bedded very fine granular limestone.
8265	8310	45	tan to gray, very fine gran. dense limestone.
8310	8525	215	apparently, argillaceous limestone, dark shales.
8525	9037	512	tan to gray, very fine gran. to sugary, porous to dense dol. limestone.
9037	9250	213	red shales - red, thin-bedded, dolomitic.
9250	9500	250	dark greenish gray, calcareous shale, thin-bedded.
9500	9520	20	limestone.
9520	9554	34	dark limestone.
9554	9577	23	dark limestone.
9577	9617	40	dark limestone.
9617	9630	13	dark limestone.
9630	9645	15	dark limestone.
9645	9650	5	dark limestone.
9650	9655	5	dark limestone.
9655	9660	5	dark limestone.
9660	9665	5	dark limestone.
9665	9670	5	dark limestone.
9670	9675	5	dark limestone.
9675	9680	5	dark limestone.
9680	9685	5	dark limestone.
9685	9690	5	dark limestone.
9690	9695	5	dark limestone.
9695	9700	5	dark limestone.
9700	9705	5	dark limestone.
9705	9710	5	dark limestone.
9710	9715	5	dark limestone.
9715	9720	5	dark limestone.
9720	9725	5	dark limestone.
9725	9730	5	dark limestone.
9730	9735	5	dark limestone.
9735	9740	5	dark limestone.
9740	9745	5	dark limestone.
9745	9750	5	dark limestone.
9750	9755	5	dark limestone.
9755	9760	5	dark limestone.
9760	9765	5	dark limestone.
9765	9770	5	dark limestone.
9770	9775	5	dark limestone.
9775	9780	5	dark limestone.
9780	9785	5	dark limestone.
9785	9790	5	dark limestone.
9790	9795	5	dark limestone.
9795	9800	5	dark limestone.
9800	9805	5	dark limestone.
9805	9810	5	dark limestone.
9810	9815	5	dark limestone.
9815	9820	5	dark limestone.
9820	9825	5	dark limestone.
9825	9830	5	dark limestone.
9830	9835	5	dark limestone.
9835	9840	5	dark limestone.
9840	9845	5	dark limestone.
9845	9850	5	dark limestone.
9850	9855	5	dark limestone.
9855	9860	5	dark limestone.
9860	9865	5	dark limestone.
9865	9870	5	dark limestone.
9870	9875	5	dark limestone.
9875	9880	5	dark limestone.
9880	9885	5	dark limestone.
9885	9890	5	dark limestone.
9890	9895	5	dark limestone.
9895	9900	5	dark limestone.
9900	9905	5	dark limestone.
9905	9910	5	dark limestone.
9910	9915	5	dark limestone.
9915	9920	5	dark limestone.
9920	9925	5	dark limestone.
9925	9930	5	dark limestone.
9930	9935	5	dark limestone.
9935	9940	5	dark limestone.
9940	9945	5	dark limestone.
9945	9950	5	dark limestone.
9950	9955	5	dark limestone.
9955	9960	5	dark limestone.
9960	9965	5	dark limestone.
9965	9970	5	dark limestone.
9970	9975	5	dark limestone.
9975	9980	5	dark limestone.
9980	9985	5	dark limestone.
9985	9990	5	dark limestone.
9990	9995	5	dark limestone.
9995	10000	5	dark limestone.

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, casing, and other work done on the well, and the reasons for the work and its results. If there were any changes made in the casing, state date, size, position, and number of joints. If pipes or bridges were put in to test for water, state kind of material used, position, and results of pumping or testing.

Acid Record: No. 1 from 0 to 100 feet; No. 2 from 100 to 200 feet; No. 3 from 200 to 300 feet; No. 4 from 300 to 400 feet; No. 5 from 400 to 500 feet; No. 6 from 500 to 600 feet; No. 7 from 600 to 700 feet; No. 8 from 700 to 800 feet; No. 9 from 800 to 900 feet; No. 10 from 900 to 1000 feet.

Acidized with 500 gallons of muriatic acid and 10,000 gallons of regular HCL. Perforated 8665-8689; 8699-8729; 8750-8786; 8804-8816; 8828-8870.

Oil or Gas Sands or Nones: (Describe per sq. ft.)

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LOG OF OIL OR GAS WELL
GEOLOGICAL SURVEY
DEPARTMENT OF THE INTERIOR
UNITED STATES

Form 10-100
This form is to be filled out by the driller or his representative and submitted to the nearest office of the Geological Survey.