

U. S. LAND OFFICE New Mexico
SERIAL NUMBER 03583
LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
NOV 7 1961
U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

LOCATE WELL CORRECTLY

Company El Paso Natural Gas Company Address Box 990, Farmington, New Mexico
Lessor or Tract San Juan 20-6 Unit Field Basin Dakota State New Mexico
Well No. 143 Sec. 1 T. 27N R. 9W Meridian N.M.P.M. County Alto Arriba
Location 1700 ft. N of S Line and 1850 ft. E of W Line of Section 7 Elevation 568
(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 November 7, 1961 Title Petroleum Engineer

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

Commenced drilling 8-16, 1961 Finished drilling 9-1, 1961

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 7402 to 7515 (G) No. 4, from _____ to _____
No. 2, from 7515 to 7700 (G) 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—	
10-3/4	32.75	8 rd.	H-40	871	Hovos				Surface
4-1/2	11.5, 10.5	8 rd.	J-55	7719	Baker				Intermediate
2-3/8	4.7	8 rd.	J-55	7640	Baker				Prod tubing

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4	284	200	circulated		
4-1/2	7729	790	3 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
755-52; 757-76; 760-76	Prac. Dak. w/52, 450 gal. water	50,000# sand	BDP 2250#, MP			
7616-22; 7642-43	3000# tr. pr 3500-3700# IR 10 BPM	51 w/530 gal.				
7637-50	Prac. Gran. w/40,000 gal. water	40,000# sand	BDP 1900#, MP 3600#			
7648-53; 7670-74	tr. pr 3400-3700# IR 41, 40 & 39	Flush 5200 gal.				

Rotary tools were used from _____ feet to 7735 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

10-25, 1961 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 3,335,000 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 2715 **EMPLOYEES** A.C.F. 3855 MCF/D

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2500	2500	Tan to gry cr-grn ss interbedded w/gry sh.
2500	2557	37	Ojo Alamo ss. White cr-grn s.
2557	2952	395	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
2952	3165	213	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
3165	3231	66	Pictured cliffs forms. Gry, fine-grn, tight, varicolored soft ss.
3231	4840	1609	Lewis form. Gry, fine-grn, dense sil ss.
4840	4930	90	Cliff House ss. Gry, fine-grn, dense sil ss.
4930	5402	474	Manefee form. Gry, fine-grn s, carb sh & coal.
5402	5545	143	Point Lookout form. Gry, very fine sil ss w/ frequent sh breaks.
5545	7471	926	Mancos form. Gry carb sh.
7471	7335	365	Gallup form. Lt gry to brn calc barb micac glauco very fine gry ss w/irreg interbed sh.
7335	7400	64	Greenhorn form. Highly calc gry sh w/thin lmst.
7400	7510	110	Graneros form. Dk gry sh, fossil & carb w/grite incl.
7510	7700	190	Dakota form. Lt ot dk gry foss carb sl calc sl silty ss w/grite incl thin sh bands clay & shale breaks.
7700	7735	35	Morrison form. Interbed grn brn & red waxy sh & fr to cr grn sand.