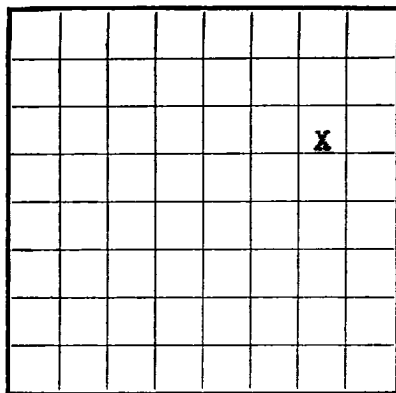


U. S. LAND OFFICE Jicarilla Tribal
SERIAL NUMBER Cont. #67
LEASE OR PERMIT TO PROSPECT _____DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 997, Farmington, New Mexico
Lessor or Tract Jicarilla Field So. Blanco P. C. & Chacra State New Mexico
Well No. 67-6(PC) Sec. 19 T. 25N R. 5W Meridian N.M.P.M. County Rio Arriba
Location 1700 ft. S. of N. Line and 990 ft. W. of E Line of Section 19 Elevation 6544'
(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 B.H. MEANS
Signed _____Date August 10, 1959 Title Petroleum Engineer

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

Commenced drilling 4-14, 19 59 Finished drilling 4-19, 19 59

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2554 to 2607 (G) No. 4, from _____ to _____No. 2, from 3424 to 3599 (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	Referred to	Purpose
10 3/4	32.75	P.E.	S.W.	161	Howco			Surface
7 5/8	26.4	8 Rd.	J-55	3598				Prod. Cg.
2"	4.7	8 Rd.	J-55	3551				Prod. Tbg.
1 1/4"	2.4	10 Rd.	Grade A	2577				Stipon

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4	171'	165	Circulated		
7 5/8	3598'	250	Single Stage		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

Adapters—Material _____ Size Gilbertson "AG" Packer set at 2790'

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 3599 feet, and from _____ feet to _____ feet

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

DATES

_____ 6-22, 19 59 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 PC-984,000 Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. PC-822 Chacra 892 Ch. Volume = PC-984, Chacra 1805 MCF/D

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2030	2030	Tan to gry cr-grn ss interbedded w/gry sh.
2030	2165	135	Ojo Alamo ss. White cr-grn s.
2165	2398	233	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
2398	2554	156	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
2554	2607	53	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
2607	3424	817	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
3424	3599	175	Chacra form. Gry fn grn silty, glauconitic sd stone with dark gry shale.

FORMATION RECORD—Continued

