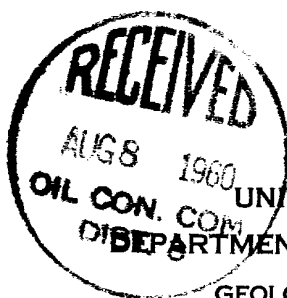


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U. S. LAND OFFICE
SERIAL NUMBER
LEASE OF RIGHT OF SURFACE
ATES
HE INTERIOR
AUG 5 1960
SURVEY
U. S. GEOLOGICAL SURVEY
ARMINGTON, NEW MEXICO

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company El Paso Natural Gas Company Address Box 990, Farmington, New Mexico
 Lessor or Tract San Juan 29-6 Unit Field Blanco M. V. State New Mexico
 Well No. 65-19 Sec. 19 T. 29N R. 6W Meridian N.M.P.M. County Rio Arriba
 Location 990 ft. N of N Line and 940 ft. W of E Line of Section 19 Elevation 6459'
(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 ~~Criminal~~ Signed By: D.H. Oheim

Date August 3, 1960 Title Petroleum Engineer

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

Commenced drilling 6-12, 1960 Finished drilling 6-23, 1960

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3309 to 3424 (a) No. 4, from 5503 to 5622 (a)
 No. 2, from 5050 to 5144 (a) No. 5, from _____ to _____
 No. 3, from 5144 to 5503 (a) 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.	J-55	122	Ball	Ball			Intermediate
7 5/8	26.4	8 Rd.	J-55	355	Ball	Ball			Prod. liner
5 1/2	15.5	8 Rd.	J-55	2155					
2"	4.5	8 Rd.	J-55	5586					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	132'	160	Circulated		
7 5/8	3555'	120	Single Stg.		
5 1/2	3489-5684	200	Single Stg.		

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 Well History			

TOOLS USED

Rotary tools were used from 0 feet to 3557 feet, and from 3557 feet to 5637 feet ^{Gas Drilled}

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

DATES

DATES

-----6-27-----, 19-60 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 4,432,000 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 1035 A.O.P. = 11.355 MCF/D

	EMPLOYEES	1,000
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Aspen Drilling Company, Driller
 _____, Driller
 _____, Driller
 _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2454	2454	Tan to gry cr-grn ss interbedded w/gry sh.
2454	2578	124	Ojo Alamo ss. White cr-grn s.
2578	3012	434	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
3012	3309	297	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
3309	3424	115	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
3424	5050	1626	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
5050	5144	94	Cliff House ss. Gry, fine-grn, dense sil ss.
5144	5503	359	Maneefee form. Gry, fine-grn s, carb sh & coal.
5503	5622	119	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
5622	5687	65	Mancos formation. Gry carb sh.

[OVER]

[OVER]
 CONTINUATION RECORD—Continued

16-43094-4

