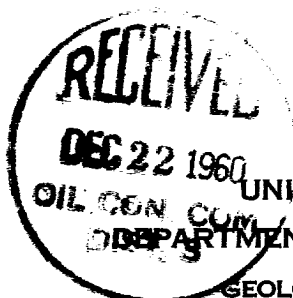


[illegible]

LOCATE WELL CORRECTLY



U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **079484-A**
LEASE OR PERMIT TO PROSPECT ☒ **PROSPECT**

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 990, Farmington, New Mexico
Lessor or Tract San Juan 30-4 Unit Field Wildcat P. C. State New Mexico
Well No. 31 Sec. 14 T. 30-N R. 4-W Meridian N.M.P.M. County Rio Arriba
Location 1150 ft. NE of N Line and 1150 ft. E of W Line of Section 14 Elevation 7035
(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 H.E. McANALLY
Date December 15, 1960 Title Petroleum Engineer

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

Commenced drilling ----- 8-1 ----- 19 60 ----- Finished drilling ----- 8-9 -----, 19 60 -----

OIL OR GAS SANDS OR LIGNITE

(Denote gas by G)

No. 1, from 3803 ----- to ----- 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

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8"	294	310	circulated		
5 1/2"	4125	150	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
		See Wall History				

TOOLS USED

Rotary tools were used from 0 feet to 4130 feet, and from _____ feet to _____ feet

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

DATES

P & A 11-12- , 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 P & A	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	3198	3198	Tan to gry cr-grn ss interbedded w/gry sh.
3198	3410	212	Ojo Alamo ss. White cr-grn s.
3410	3637	227	Kirtland form Gry sh interbedded w/tight gry gry fine-grn ss.
3637	3803	166	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
3803	4062	259	Pictured Cliffs form Gry, fine-grn, tight, varicolored soft ss.
4062	4130	68	Lewis form. Gry, fine-grn, dense sil ss.

[OVER]

FORNIACTION RECORD—Continued

16-48094-4

