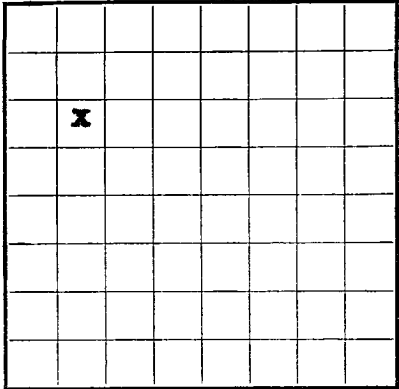




LOCATE WELL CORRECTLY

Jicarilla
U. S. LAND OFFICE
Contract 110
SERIAL NUMBER
LEASE OR PERMIT TO PROSPECT
Jicarilla Tribal;

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

DEC 30 1957

LOG OF OIL OR GAS WELL

Company **EL PASO NATURAL GAS COMPANY** Address **Box 997, Farmington, N Mex.**
Lessor or Tract **Jicarilla** Field **S. Blanco PC** Ext **State** **New Mexico**
Well No. **15-J** Sec. **17** T **26N** R. **5W** Meridian **N.M.P.M.** County **Rio Arriba**
Location **1650** ft. **N.** of **N** Line and **940** ft. **E.** of **W** Line of **Sec. 17** Elevation **6634**
(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 **DC Phuslon**

Date **December 30th, 1957** Title **Petroleum Engineer**

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

Commenced drilling **October 30th**, 19 **57** Finished drilling **November 15th**, 19 **57**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **3108** to **3190 (a)** 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

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
8-5/8"	24.4	8	J-55	95	-	-	-	-	Surface
5-1/2"	15.5	8	J-55	3220	Twist Pattern	-	3108	3143	Production
							3159	3179	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	105	70	Pump & Plug		
5-1/2"	3225	100	" " "		

PLUGS AND ADAPTERS

Heaving plug—Material **None** Length _____ Depth set _____
Adapters—Material **None** Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
		None				

TOOLS USED

Rotary tools were used from **Surface** feet to **3225** feet, and from _____ feet to _____ feet
Cable tools were used from **to complete** feet to _____ feet, and from _____ feet to _____ feet

Ran Tubing **December 11th**, 19 **57** DATES Potential Test
Put to producing **December 24th**, 19 **57**

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 **2,663,000** Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. **1034**

EMPLOYEES

Benson-Montin-Greer, Driller _____, Driller
Drilling Corp., Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	3046	3046	Surface sand and shale, Ojo Alamo, Kirtland and Fruitland formations
3046	3053	7	Coal
3053	3060	7	Shale
3060	3063	3	Coal
3063	3084	21	Shale
3084	3101	17	Coal
3101	3108	7	Shale
3108	3225	117	Sand
			TOP OF PICTURED CLIFFS (EL) 3108'
			AT THE END OF EACH LOG, ADD TOTAL LOG LENGTH AND TOTAL DEPTH OF WELL.

[illegible]

10-30-57 Moved in shothole rig to set surface casing. Spudded.
TD 105' RKB Set 3 joints 9 5/8" of 8-5/8" OD 24# casing at 105' with 70 sacks cement, circulated to surface.
11-9-57 Moved in rotary. Pressured up on casing to pressure decrease in 30 minutes.
11-15-57 TD 3225' RKB Set 99 joints 3220' of 5-1/2" OD 17# casing at 3225' with 100 sacks cement. Temperature survey showed top of cement at 2395'.
12-9-57 Moved in cable tools. Pressured up on casing to 1000#. No pressure decrease in one hour.
12-10-57 TD 3225' cleaned out to 3190'. Perforated 3108-3143' and 3159-3179' with 4 shots per foot. Sandraced with 24,600 gallons water and 30,000# sand, flushed with 5,400 gallons water. Breakdown pressure 1800#. treating pressure 1600#, average injection rate 59.8 barrels per minute.
12-11-57 Ran 101 joints 3181' of 1-1/4" RUE tubing landed at 3189' RKB. Shut well in for potential test.

