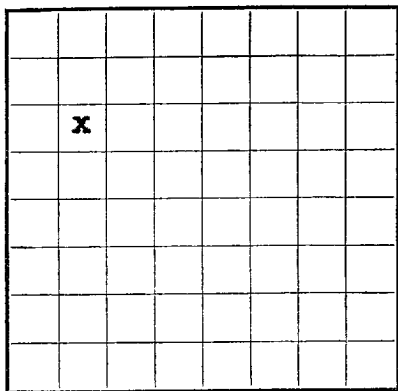


Form 9-330



LOCATE WELL CORRECTLY

Company **EL PASO NATURAL GAS COMPANY** Address **Box 997, Farmington, New Mexico**
Lessor or Tract **Jicarilla** Field **S. Blanco PC Ext** State **New Mexico**
Well No. **8-G** Sec. **23** T. **26N** R. **5W** Meridian **N.M.P.M.** County **Rio Arriba**
Location **1850** ft. **N** of **N** Line and **990** ft. **E** of **W** Line of **Sec. 23** Elevation **6658**
(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.

Date **August 5th, 1958** Signed **DC Johnston** Title **Petroleum Engineer**

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

Commenced drilling **May 19th**, 19 **58** Finished drilling **June 5th**, 19 **58**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **3144** to **3224 (G)** 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#	8	I-55	90	-	-	-	-	Surface
5-1/2"	15.5#	8	I-55	3267	Texas Pattern	-	3172 3210	3209 3224	Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	99	70	Pump & Plug		
5-1/2"	3271	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 **3272** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Ran Tubing **to complete**

DATES

July 13th, 19 **58** Put to producing **Potential Test** **July 31st**, 19 **58**

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 **2,956,000** Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. **1064**

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	3090	3090	Surface sand and shale, Ojo Alamo, Kirtland and Fruitland formations
3090	3095	5	Coal
3095	3106	11	Shale
3106	3111	5	Coal
3111	3128	17	Shale
3128	3138	10	Coal
3138	3144	6	Shale
3144	3224	80	Sand
3224	3272	48	Shale
			TOP OF PICTURED CLIFFS (EL) 3144'
			AT THE END OF COMPLETE DRILLER'S LOG, ADD CEMENTED TOP OF STATE WATERFLOODING DEPT. RECORDS.

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

HISTORY OF OIL OR GAS WELL

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[illegible]

5-19-58 Moved in to set surface casing. Spudded.

5-20-58 TD 991 RKB. Set 3 joints 90' of 8-5/8" OD 24# J-55 casing at 991 with 70 sacks cement, circulated to surface.

5-30-58 Moved in rotary. Pressured up on casing to 500#. No pressure decrease in 30 minutes.

6-5-58 TD 3272' RKB. Set 79 joints 3267' of 5-1/2" OD 15.5# J-55 casing at 3271' with 100 sacks cement. Temperature survey showed top of cement at 2480'.

7-11-58 Moved in cable tools. Pressured up on casing to 1000#. No pressure decrease in one hour.

7-12-58
Cleaned out to 3248'. Perforated 3172-3200' and 3210-241' with 4 shots per foot. Attempted to sandfrac. Could not break down formation with 3500#. Swabbed well dry, treated perforations with 200 gallons MCA. Sandfraced with 22,680 gallons water and 30,000# sand, flushed with 3,360 gallons water. Breakdown pressure 1200#, treating pressure 1600-2050#. Dropped 120 rubber balls in three stages during treatment. Average injection rate 59.3 barrels per minute.

7-13-58 Ran 107 joints 3231' of 1-1/4" RUC tubing landed at 3239' HKB. Shut well in for potential test.