Form 9-330

Budget Bureau No. 42-R355.4.
Approval expires 12-31-60.

U. S. Land Office Jicarilla
Serial Number Contract 108
Lease or Permit to Prospect Jicarilla Tribal

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

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. 5-G Sec. 24 T. 26N R. 5W Meridian N.M.P.M. County Rio Arriba
Location 1650 ft. {N/S} of N Line and 990 ft. {E/W} of E Line of Sec. 24 Elevation 6638
(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 [signature]

Date August 5th, 1958 Title Petroleum Engineer

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

Commenced drilling April 25th, 19 58 Finished drilling May 12th, 19 58

OIL OR GAS SANDS OR ZONES
(*Denote gas by G*)

No. 1, from 3190 to 3241 (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 ______

RECEIVED AUG 7 1958 OIL CON. COM. DIST. 3

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated From—	Perforated To—	Purpose
8-5/8"	24#	8	J-55	179	-	-	-	-	Surface
5-1/2"	15.5#	8	J-55	3323	Texas Pattern	-	3190	3198	Production
							3214	3224	
							3231	3241	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	188	130	Pump & Plug		
5-1/2"	3321	100	" "		

FOLD | MARK

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 3322 feet, and from ______ feet to ______ feet
Cable tools were used from to complete feet to ______ feet, and from ______ feet to ______ feet

DATES

Ran Tubing June 23rd, 19 58 Put to producing Potential Test August 5th, 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 2,150,000 Gallons gasoline per 1,000 cu. ft. of gas ______

Rock pressure, lbs. per sq. in. 1039

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	3154	3154	Surface sand and shale, Ojo Alamo, Kirtland and Fruitland formations
3154	3159	5	Coal
3159	3161	2	Shale
3161	3168	7	Coal
3168	3182	14	Shale
3182	3188	6	Coal
3188	3190	2	Shale
3190	3241	51	Sand
3241	3322	81	Shale
			TOP OF PICTURED CLIFFS (EL) 3190'

AT THE END OF COMPLETE DRILLER'S LOG, ADD GEOLOGIC ... STATE WHETHER ... [illegible]

FROM—	TO—	TOTAL FEET	FORMATION

16—43094-2 U. S. GOVERNMENT PRINTING OFFICE

HISTORY OF OIL OR GAS WELL

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.

4-25-58 Moved in to set surface casing. Spudded.

4-28-58 TD 188' RKB. Set 6 joints 179' of 8-5/8" OD 24# J-55 casing at 188' with 130 sacks cement, circulated to surface.

5- 4-58 Moved in rotary. Pressured up on casing to 500#. No pressure decrease in 30 minutes.

5-12-58 TD 3322' RKB. Set 105 joints 3323' of 5-1/2" OD 15.5# J-55 casing at 3321' with 100 sacks cement. Temperature survey showed top of cement at 2700'.

6-14-58 Moved in cable tools. Pressured up on casing to 1000#. No pressure decrease in one hour. PBTD 3228'. Perforated 3183-84' with 4 dynajets. Set Halliburton DC bridge plug at 3140'. Pumped in 100 sacks cement. Well went on vacuum. Dropped in bridging bar.

6-18-58 Drilled out cement to 3286'. Pressured up to 620#.

6-19-58 Pressure decreased 20# in 12 hours. Pressured up to 1500#. No pressure decrease in 15 minutes. Cleaned out to 3286'. Perforated 3190-98', 3214-24' and 3231-41' with 4 shots per foot. Attempted to sandfrac. Formation would not break down with 3300#.

6-21-58 Swabbed hole dry. Treated perforations with 200 gallons MCA. Sandfraced with 26,300 gallons water and 30,000# sand, flushed with 3,300 gallons water. Breakdown pressure 3600#, treating pressure 2500-1600#, average injection rate 59.4 barrels per minute.

6-23-58 Ran 106 joints 3230' of 1-1/4" EUE tubing landed at 3238' RKB. Shut well in for potential test.