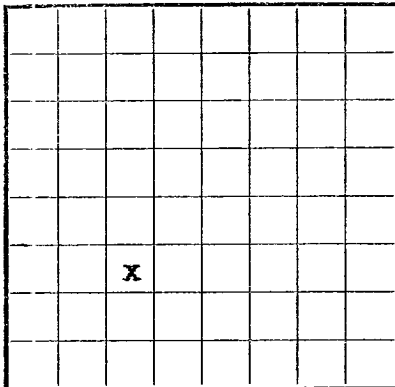


U. S. LAND OFFICE Jicarilla
SERIAL NUMBER Contract 110
LEASE OR PERMIT TO PROSPECT _____
Jicarilla TribalUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company EL PASO NATURAL GAS COMPANY Address Box 997, Farmington, New Mexico
Lessor or Tract Jicarilla Field Wildcat State New Mexico
Well No. 1-J Sec. 20 T. 26N R. 5W Meridian N.M.P.M. County Rio Arriba
Location 1520 ft. N. of S. Line and 1600 ft. E. of W. Line of Section 20 Elevation 6717
(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 _____

Date April 3rd, 1957Title Senior Petroleum Engineer

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

Commenced drilling February 19th, 1957 Finished drilling March 15th, 1957OIL OR GAS SANDS OR ZONES
(Denote gas by G)No. 1, from 3110 to 3179 (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	Perforations		Purpose
							From—	To—	
8-5/8"	24#	8	J-55	90	-	-	-	-	Surface
5-1/2"	15-5/8#	8	J-55	3222	Texas Pattern	-	3114	3130	Production
1-1/4"	2.4#	8	Kobe	3156	-	-	3148	3168	Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	99.5	70	Pump & Plug		
5-1/2"	3213	150			
1-1/4"	3166	-			

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 3214 feet, and from _____ feet to _____ feet
Cable tools were used from top feet to _____ feet, and from _____ feet to _____ feet

Ran Tubing

DATES

March 19th, 1957 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 1,242,000 Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 940 psig

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	3052	3052	Surface sand and shale, Ojo Alamo, Kirtland and Fruitland formations
3052	3060	8	Coal
3060	3063	3	Shale
3063	3066	3	Coal
3066	3079	13	Shale
3079	3084	5	Coal
3084	3091	7	Shale
3091	3100	9	Coal
3100	3110	10	Shale
3110	3214	104	Sand
			TOP OF PICTURED CLIFFS 3110'

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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.

2-19-57 Moved in shot hole rig to set surface casing. Spudded.

2-20-57 TD 99.5' RKB. Set 5 joints 90' of 8-5/8" OD 24# J-55 casing at 99.5' RKB with 70 sacks cement, 100' to surface.

7-20-76 Pressured up on casing to 500'. No pressure decrease in 35 minutes. Moved to bottom.

7D 32141 RKB. See 08 joints 32221 of 5-1-2 OD 15-54
 3-55 gals. casting at 32131 RKB with 150 sacks cement.
 Temperature survey showed top of cement at 21301.

Pressured up on casing to 1000#. No pressure decrease in one hour. Moved in cable tools. PRTD 31791. Perforated 3114-3130 and 3148-3168 with 4 holes per foot.

Flowing 26 MCF/day. Loaded hole, broke down formation with 3000#. Pressure dropped to 1500#. Treated with 13,500 gallons water and 15,000# sand at 1500# pressure. Dumped 30 rubber balls. Pressure increased to 1650#. Treated with 13,500 gallons water and 15,000# sand at 1650#. Finished with 3,500 gallons water. Average infection rate 61 barrels per minute.

After 10 1/2 hours flowing at 1100 MCF/day.

2-19-57 Ran 143 joints 31561 of 1-1/4" EUR tubing landed at 31661' MKB. Shut well in for potential test.