Form 9-330

Budget Bureau No. 42-R-355.3.
Approval expires 12-31-55.

U. S. Land Office: Jicarilla
Serial Number:
Lease or Permit to Prospect:
Contract No. 147
Co. Lse. No. 196183

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company: Humble Oil & Refining Company Address: Box 1268, Farmington, N. M. Box 2180, Houston, Texas
Lessor or Tract: Jicarilla Apache Tribe of Indians Field: South Blanco State: New Mexico
Well No.: J-2 Sec. 5 T. 25N R. 5W Meridian: - County: Rio Arriba
Location 990 ft. N. of S Line and 990 ft. W. of E Line of Section 5 Elevation 6690 (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: Russell M. Lilly
Date: January 2, 1956 Title: District Superintendent

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

Commenced drilling December 9, 1955, 19__ Finished drilling December 23, 19 55

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from G 2900 to 2916 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 None 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 From—	Perforated To—	Purpose
8 5/8	24	8-R	Ingstn	296	Baker				water shut off
5 1/2	14	8-R	"	2959	"		2900	2916	Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	317	270	Halliburton	9.4	
5 1/2	2970	275	"	9.5	

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
4"	Lane-Well	bullet	96	12/23	2900-2916	

TOOLS USED

Rotary tools were used from 0 feet to 2970 feet, and from ____ feet to ____ feet
Cable tools were used from ____ feet to ____ feet, and from ____ feet to ____ feet

DATES

12-24-55, 19__ Put to producing Gas well shut in - no pipe line connections, 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 3,138,000 Gallons gasoline per 1,000 cu. ft. of gas ____
Rock pressure, lbs. per sq. in. Shut In Pressure 950#.

EMPLOYEES

Aaron Holmes, Driller T. R. McAlvain, Driller
T. M. Hairston, Driller ____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	140	140	Surface rock
140	316	176	Surface clay & rock
316	547	231	Sand rock
547	1094	547	sand
1094	2890	1796'	Sand & Shale
2890	2900	10	Coal & Sand
2900	2942	42	sand
2942	2970 TD	28	Sand & Shale

Top of Pictured Cliffs at 2900'

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

HISTORY OF OIL OR GAS WELL

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

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.

This well was drilled to a total depth of 2970'. Ran 8 5/8" surface casing set at 317' and cemented with 270 sacks of cement. 5 1/2" casing set at 2970' and cemented with 275 sacks cement. 5 1/2" casing was perforated with 6 Lane-Well shots per foot for a total of 96 shots from 2900 - 2916. Perforation was treated with 26,700 gals water and 30,000 # sand. Swabbed three times and well kicked off. After flowing well for 28 hours, produced at rate of 3,138 MCF per day. Well shut in due to lack of pipe line connections.