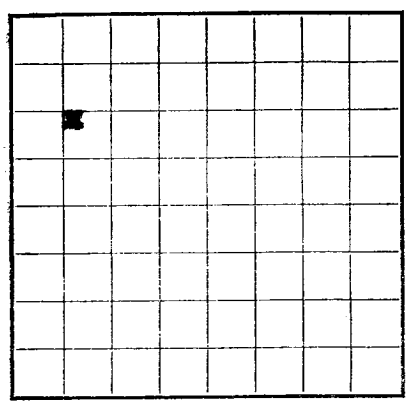
Budget Bureau No. 42-R-355.3.
Approval expires 12-31-55.

Form 9-330

U. S. LAND OFFICE Jicarilla Apache
SERIAL NUMBER Cont. #45
Co. LEASE [illegible]



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Humble Oil & Refining Company Address Box 2180, Houston, Texas / Box 1268, Farmington, New Mexico

Lessor or Tract Jicarilla Apache Tribe "F" Field Otero Pictured Cliffs State New Mexico

Well No. 1 Sec. 19 T. 23N R. 4W Meridian [illegible] County Sandoval

Location 1650 ft. {N. / S.} of N Line and 990 ft. {E. / W.} of W Line of Section 19 Elevation 6491 (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 COPY ORIGINAL SIGNED: R. M. LILLY
Russell M. Lilly Title District Superintendent

Date October 14, 1957

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

Commenced drilling January 4, 19 56 Finished drilling TD January 9, 19 56

RECEIVED OCT 21 1957 OIL CON. COM. DIST. 3

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from [illegible] to 2535 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 From—	Perforated To—	Purpose
9-5/8"	40	8R	Unk	100	Mall.				
5-1/2"	14	8R	Unk	2377	Mall.		2318	2332	Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8"	84.42 below GL	90	Circulated		
5-1/2"	2378.82 below GL	75	Circulated		

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

TOOLS USED

Rotary tools were used from 0 feet to 2432 feet, and from ____ feet to ____ feet
Cable tools were used from ____ feet to ____ feet, and from ____ feet to ____ feet

DATES

February 1, 19 56 Put to producing Shut in for connection, 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 2,000,000 Gallons gasoline per 1,000 cu. ft. of gas ____

Rock pressure, lbs. per sq. in. 700#

IP 1135 MCFPD 4 oF By WMOCC

EMPLOYEES

C. E. Moore, Driller J. L. Kembres, Driller
Bill Lawrence, Driller ____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2432	2432	Sand and shale

[OVER]

16—43094-8

FOLD | MARK

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.

The well was drilled to a total depth of 2378 w/a completion depth of 2379.

Set 100' of 9-5/8" csg at 84.42' below ground level w/90 sax cement.

Set 2378.82' of 5-1/2" csg at 2378.82' w/75 sax cement.

Perf'd 5-1/2" csg from 2318-2339 w/2 bullet shots/ft. Waterfrazed thru perfs w/60,000 gals of water and 15,000# sand. Swabbed well in.

Completed as a flowing gas well in the Pictured Cliffs formation thru perfs 2318-2335.

Well now shut in, no pipeline connection.

DEC 1 3
OCT 31 1951
MIDLAND

LOG OF OIL OR GAS WELL

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

FORM 9-329