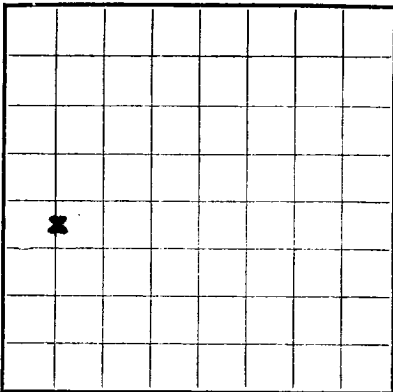


Navajo
Santa Fe

U. S. LAND OFFICE

SERIAL NUMBER

LEASE OR PERMIT TO PROSPECT



UNITED STATES OCT 1 1959

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Humble Oil & Refining Company Address Box 2347 - Hobbs, New Mexico
Navajo Tribe of Indians Chimney Rock Gallup New Mexico
Lessor or Tract 32 Sec. 3 T. 31N R. 17W Meridian NMPN State San Juan
Well No. 1980 ft. N of S Line and 660 ft. E of W Line of Section 3 Elevation 5285
(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 September 29, 1959 Signed Agent Title Agent

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

Commenced drilling June 24, 1959 Finished drilling July 3, 1959

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1040 to 1050 No. 4, from 1040 to 1050
No. 2, from 1040 to 1050 No. 5, from 1040 to 1050
No. 3, from 1040 to 1050 No. 6, from 1040 to 1050
IMPORTANT WATER SANDS
No. 1, from 1040 to 1050 No. 2, from 1040 to 1050
No. 3, from 1040 to 1050 No. 4, from 1040 to 1050
No. 5, from 1040 to 1050 No. 6, from 1040 to 1050

Size of casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Rotated	Purpose
7-5/8	24	8R	H&O	42	-	-	-	Surface
5	19.5	8R	H&O	1076	-	-	-	Oil sanding
2	4.7	8R	H&O	1076	-	-	-	Shales
HISTORY OF OIL OR GAS WELL								

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
7-5/8	46	10	Dumped	Drl'd/air	-
5	1073	75	Pumped	Drl'd/air to 1025'(8.9)	-

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
		<u>None</u>				

TOOLS USED

Rotary tools were used from 0 feet to 1076 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing September 4, 1959

The production for the first 24 hours was 4 barrels of fluid of which 100% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, °Bé. 39.4

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

B. F. Scott, Jr., Driller R. Y. Davis, Driller
J. N. Parker, Driller (Johnny Myers Drilling Co.), Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1076 TD	1076	sand and shale
FORMATION TOPS			
		Callup	1039
		Sanostee	1056

RECEIVED

UNITED STATES
DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

STOCK OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Location	of line end	ft.	of line of	Elevation
Well No.	Soc.	T.	R.	Section
Line or Tract				
Company				
Address				
Field				
State				
County				
City				

The information given below is a complete and correct record of the work and all work done thereon.

_____ Date _____
_____ Title _____
_____ Signed _____

The summary on this page is for the condition of the well at about date _____

OIL OR GAS SANDS OR CONCRETE

Don't know what it is

Spudded 5/5/58 at 6-27-58. Set 7-1/2" casing at 66' w/ 10 sack reg. cement. Drilled w/ 4 1/2" bit to 1025', and mudded up. Cut core no. 1 from 1025-1039', recovered 25'. 17' gray sandy shale, 10' gray, very shaly, sandstone w/ slight show of oil, 1' gray silty fossiliferous shale. Cut core no. 2 from 1050-1076 TD. Recovered 26' 27' gray silty fossiliferous shale, 2' limestone. Top of Gallup 1039'. Run logs. Set 5" casing 4 1/2" w/ 25 sacks 15 gal. chl. cement. Tapped plug down w/ 200 gals. MCA and oil. Run Gamma Ray and collar logs. Recovered 7' section from 1050-1050' w/ 2 jet shots per foot. Sand/oil fine perforations w/ 20,000 gals. Leave crude, 30,000# sand and 400# FL2. Average injection rate 14.9 BPM at 900#. Set 2" tubing at 1047'. Run rods and pump. Installed pumping unit. On about 24 hour potential test at 17-30" SPS pumped 6 barrels New P.D. Corr. Cr. 39.4'. First new oil to tanks on 9-7-59.

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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