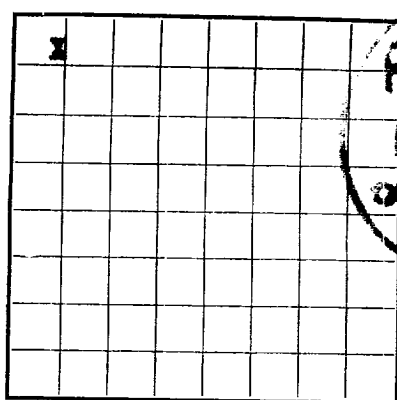


(NAVAJO)

U. S. LAND OFFICE
Santa Fe
SERIAL NUMBER 14-20-603-598
LEASE OR PERMIT TO PROSPECTUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Box 2347 - Hobbs, New Mexico
Box 2180 - Houston 1, TexasCompany **Humble Oil & Refining Company**

Address

Lessor or Tract **Navajo Tribe "H"**Field **Haystack WC**State **New Mexico**Well No. **1** Sec. **4** T. **31N** R. **18W**

Field

County **San Juan**Location **600** ft. [S.] of **600** Line and **600** ft. [W.] of **600** Line of **Section 4**Elevation **5244 DF**
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon
and is based on all available records.
Signed **W. E. Garvin** District Superintendent
Date **February 11, 1960**

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

Commenced drilling **December 13, 1959** Finished drilling **January 11, 1960**

OIL OR GAS SANDS OR ZONES
No. 1, from **10-3/4** to **30-3/4** No. 2, from **30-3/4** to **30-3/4** No. 3, from **30-3/4** to **30-3/4**
No. 4, from **30-3/4** to **30-3/4** No. 5, from **30-3/4** to **30-3/4**
No. 6, from **30-3/4** to **30-3/4**

IMPORTANT WATER SANDS
No. 1, from **10-3/4** to **30-3/4** No. 2, from **30-3/4** to **30-3/4**
No. 3, from **30-3/4** to **30-3/4** No. 4, from **30-3/4** to **30-3/4**

CASING RECORD
Size casing **10-3/4** Weight **32.75** Threads per inch **8** Make **H-40** Amount **287** Kind of shoe **Halliburton** Cut and pulled from **10-3/4** to **30-3/4** Perforated **None** Purpose **Surface**

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated	Purpose
10-3/4	32.75	8	H-40	287	Halliburton	10-3/4 to 30-3/4	None	Surface
7-5/8	26.40	8	J-55	3085				Inner

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
10-3/4	303	150	Pumped		
7-5/8	3100	350	Pumped		

PLUGS AND ADAPTERS

Heaving plug—Material **None** Length **None** Depth set **None**
Adapters—Material **None** Size **None**

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
		None				

TOOLS USED

Rotary tools were used from **0** feet to **8230** feet, and from **None** feet to **None** feet
Cable tools were used from **None** feet to **None** feet, and from **None** feet to **None** feet

DATES

January 11, 1960 Put to producing **Dry Hole - P & A**, 19**60**

The production for the first 24 hours was **None** barrels of fluid of which **None** % was oil; **None** % emulsion; **None** % water; and **None** % sediment. Gravity, °Bé. **None**

If gas well, cu. ft. per 24 hours **None** Gallons gasoline per 1,000 cu. ft. of gas **None**

Rock pressure, lbs. per sq. in. **None**

EMPLOYEES

T. C. Rowland, Driller **B. H. Sheets**, Driller
S. E. Garvin, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	308	308	Surface Rock
308	6075	5767	Shale and sand
6075	6396	321	Sand, shale and lime
6396	7059	663	Lime and shale
7059	7153	94	Lime and anhydrite
7153	7243	90	Lime
7243	7420	177	Lime and shale
7420	7513	93	Lime and dolomite
7513	7598	85	Lime
7598	7843	245	Lime and dolomite
7843	7858	15	Lime, dolomite and shale
7858	7874	16	Lime and dolomite
7874	7953	79	Lime and shale
7953	7976	23	Lime, shale and chert
7976	8035	59	Lime and shale
8035	8093	58	Lime, shale, streaks chert
8093	8230 TD	137	Lime and shale
FORMATION TOPS			
Tocito	756	Morrison	1562
Sanostee	881	Entrada	2588
Greenhorn	1293	Chinle	3345
Graneros	1356	Coconino	4300
Dakota	1428	Upper Hermosa	6060
		Paradox	7045
		Molas	7940
		Leadville	8090
		Madison	8210

