Form 9-330

Budget Bureau No. 42-R355.4.
Approval expires 12-31-60.

U. S. LAND OFFICE New Mexico
SERIAL NUMBER NM-024368
LEASE OR PERMIT TO PROSPECT

NOTED
APR 21 1961
HANDLED

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company Robert B. Holt & Texas Crude Oil Co. Address 1201 V & J Tower, Midland, Texas

Lessor or Tract Federal Field Wildcat State New Mexico

Well No. 1-19 Sec. 19 T. 25S R. 33E Meridian NMPM County Lea

Location 1980 ft. {N. / S.} of S. Line and 660 ft. {E. / W.} of W. Line of Section 19 Elevation 3468 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 so far as can be determined from all available records.

Signed J. R. Howard

Date April 19, 1961 Title Division Superintendent

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

Commenced drilling March 13, 1961 Finished drilling March 23, 1961

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from NONE to 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
9-5/8	36#	8 Rd	Cole.	365'	Baker				Surface

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8	365	275	Pump	10.3# gel	Unknown

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 5023 feet, and from feet to feet

Cable tools were used from feet to feet, and from feet to feet

DATES

, 19 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 Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in.

EMPLOYEES

, Driller , Driller

, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	366	366	Surface beds
366	627	261	Anhydrite
627	2001	1374	Redbeds, anhydrite, salt
2001	3091	1090	Anhydrite & salt
3091	3570	479	Anhydrite & lime
3570	4290	720	Sandy lime
4290	4965	675	Lime
4965	5023	58	Sand

PLUGGING RECORD: Well plugged 3-25-61 as follows:
5023-4844 - (55 sx cement)
4675-4610 - (20 sx cement)
1162-1057 - (20 sx cement)
366- 301 - (20 sx cement)
0- 60 - (20 sx cement)
Area between plugs was filled w/10.2#/gal drlg. mud.

GEOLOGICAL TOPS:
Anhydrite - 820'
T.Salt 1130'
B.Salt 4642'
Dol. Lime 4878'
Dol. Sand 4904'

AT THE END OF COMPLETE DRILLER'S LOG, ADD GEOLOGIC TOPS. STATE WHETHER FROM EL OR SAMPLES.

FOLD | MARK

FROM— TO— TOTAL FEET FORMATION

FORMATION RECORD—Continued

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

U. S. LAND OFFICE
SERIAL NUMBER
LEASE OR PERMIT TO PROSPECT

Company
Address
State
Farm
Well No.
Sec. T. R. M. Meridian
County
Field
State
Location
Elevation above sea level or above Rotary Table
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
Title
The summary on this page is for the condition of the well at above date.
Commenced drilling
Finished drilling

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from to
No. 2, from to
No. 3, from to
No. 4, from to

IMPORTANT WATER SANDS

No. 1, from to
No. 2, from to
No. 3, from to
No. 4, from to

CASING RECORD

Size	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated From—	Perforated To—	Purpose

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from feet to feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

DATES

Put to producing 19
The production for the first 24 hours was barrels of fluid of which % was oil; % was emulsion; % water; and % sediment.
Gravity, °Bé.
If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas
Rock pressure, lbs. per sq. in.

EMPLOYEES

Driller
Driller
Driller
Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
			Surface land
0	150	150	Sandstone
150	1000	1000	Sandstone, shale, sandy
1000	1500	500	Shale & sandstone
1500	1650	150	Sandy lime
1650	1800	150	Lime
1800			Shale

WELL RECORD

Starting plug—Material Length Depth set
Adapters—Material Size

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set

MUDDING AND CEMENTING RECORD

Size hole	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used

16—42004-2 U. S. GOVERNMENT PRINTING OFFICE

HISTORY OF OIL OR GAS WELL

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 length 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.

Size	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated From—	Perforated To—	Purpose