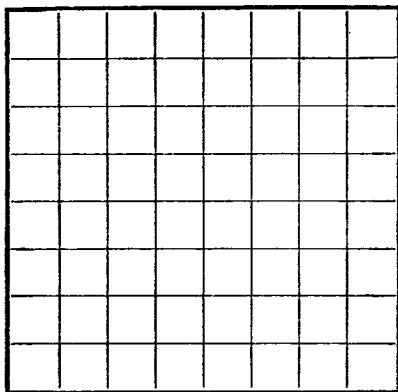


U. S. LAND OFFICE Las CrucesSERIAL NUMBER 050158

LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

OWDD - Drilled originally as Malco #8 Harbold

LOG OF OIL OR GAS WELL

Company John H. Trigg Address P. O. Box 5629 Roswell, New MexicoLessor or Tract Harbold Field Red Lake State New MexicoWell No. 8 Sec. 35 T. 17S R. 27E Meridian N.M.P.M. County EddyLocation 330 ft. N. of N. Line and 990 ft. W. of E. Line of Section 35 Elevation 3558
(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

Hugh W. RickettsDate August 20, 1958Title Geologist

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

Commenced drilling 7-19, 1958 Finished drilling 8-4, 1958

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2020 to 2086 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		Purpose
							From—	To—	
							<u>2020</u>	<u>2030</u>	
							<u>2030</u>	<u>2040</u>	
							<u>2040</u>	<u>2086</u>	
<u>4 1/2"</u>	<u>19 1/2"</u>		<u>Lone Star</u>	<u>1230</u>	<u>0-110</u>		<u>2162</u>	<u>2176</u>	
<u>Liner</u>							<u>2279</u>	<u>2290</u>	*

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>4 1/2"</u>	<u>1133-2365</u>	<u>162</u>	<u>Pump</u>		

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 1700' feet to 2375' feet, and from _____ feet to _____ feet

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

DATES

9-25, 1958 Put to producing 8-15, 1958The production for the first 24 hours was 240 barrels of fluid of which 8 % was oil; _____ % emulsion; 92 % 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

Herbert Halterman, Driller _____, DrillerClarence Forister, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
			This well was deepened from <u>1700'</u> to <u>2375'</u> , using a rotary reverse circulation unit. Drillers logged "Lime" all the way - <u>683'</u> - indeed they were in the San Andres dolomite for the whole operation.
		<u>T. D. 2375'</u>	
			Gamma Ray log tops:
	<u>Queen Red Sand</u>	<u>890 + 2668</u>	
	<u>Grayburg</u>	<u>1305 + 2253</u>	
	<u>Premier</u>	<u>1595 + 1963</u>	
	<u>San Andres</u>	<u>1645 + 1913</u>	

* Note: Only the first three sets of perforations are open. There is a bridge plug set at 2245' and one at 2130'. These two lower intervals have not been tested yet.

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED

[illegible]

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

[illegible]

The information given herewith is a complete and correct record of the well and all work done thereon as far as can be determined from all available records

Signed James M. The Case

Location Section 12 of Township 17 N. of Range 10 E. of Line of Section 36

Well No. 1 Sec. 12 T. 17 N. R. 10 E. Meridian

County _____ State _____

Lessor or Trust _____

Field _____

Address _____

Company _____

OFF. OR. 642 2470S OR 70102

Date		Time		Place		Remarks	
1900	10	10	10	10	10	10	10
1900	10	10	10	10	10	10	10
1900	10	10	10	10	10	10	10
1900	10	10	10	10	10	10	10
1900	10	10	10	10	10	10	10

NO. 3 from 1000 to 1000 ft. in the
No. 3 from 1000 to 1000 ft. in the

SECURITY OFFICE									
DATE	TO	FROM	SUBJECT	CLASS	STATUS	REMARKS	INITIALS	SIGNATURE	DATE
1964-11-10	TO: SAC, NEW YORK	FROM: SAC, NEW YORK	RE: [REDACTED]	100-100000	100-100000	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of drilling, 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 balling.

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE 16-48084-2

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