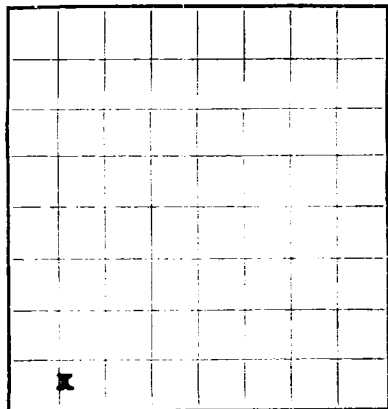




U. S. LAND OFFICE LC
SERIAL NUMBER LC-067988
LEASE OR PERMIT TO PROSPECT _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Humble Oil & Refining Company Address Box 2347 - Hobbs, New Mexico
Lessor or Tract Federal Knox Field Dollarhide Drinkard State New Mexico
Well No. 2 Sec. 18 T. 24-S. R. 38-E Meridian _____ County Lea
Location 330 ft. N. of S Line and 660 ft. E of E Line of Section 18 Elevation 3135 DF
(Herrick 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 _____

Date 6-23-58 Title Agent

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

Commenced drilling 4-15-58, 19____ Finished drilling 5-11-58, 19____

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 6706 to 6716 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>8-5/8</u>	<u>24</u>	<u>8R ST&C</u>	<u>-</u>	<u>1251.11</u>	<u>HOWCO</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>Surface</u>
<u>5-1/2</u>	<u>17</u>	<u>8R ST&C</u>	<u>-</u>	<u>29.41</u>	<u>HOWCO</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>Oil</u>
<u>5-1/2</u>	<u>15.5</u>	<u>8R ST&C</u>	<u>-</u>	<u>1658.07</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>"</u>
<u>5-1/2</u>	<u>14</u>	<u>8R ST&C</u>	<u>-</u>	<u>5101.02</u>	<u>-</u>	<u>3593</u>			<u>"</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>8-5/8"</u>	<u>1266</u>	<u>900</u>	<u>Halliburton</u>		
<u>5-1/2</u>	<u>6800</u>	<u>495</u>	<u>Halliburton</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 0 feet to 6800 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing Dry Hole, 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 _____

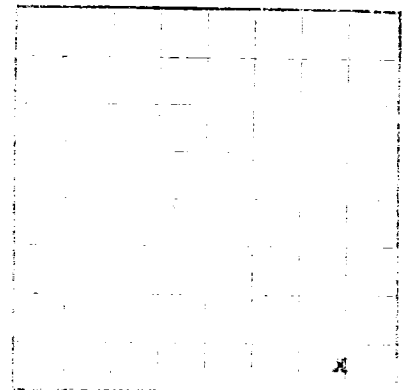
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

G. E. Ford, Driller J. R. Turner, Driller
W. D. Smaltzer, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>1222</u>	<u>1222</u>	<u>Redbeds</u>
<u>1222</u>	<u>1305</u>	<u>83</u>	<u>Anhydrite</u>
<u>1305</u>	<u>2784</u>	<u>1479</u>	<u>Salt, anhydrite & shale</u>
<u>2784</u>	<u>3060</u>	<u>276</u>	<u>Shale, anhydrite, salt, sandstone</u>
<u>3060</u>	<u>3605</u>	<u>545</u>	<u>Dolomite, and anhydrite</u>
<u>3605</u>	<u>3810</u>	<u>205</u>	<u>Sandstone, dolomite, anhydrite</u>
<u>3810</u>	<u>5332</u>	<u>1522</u>	<u>Dolomite and anhydrite</u>
<u>5332</u>	<u>6318</u>	<u>986</u>	<u>Dolomite, sandstone, anhydrite</u>
<u>6318</u>	<u>6404</u>	<u>86</u>	<u>Sandstone and dolomite</u>
<u>6404</u>	<u>6800</u>	<u>396</u>	<u>Dolomite and anhydrite</u>



LOG OF OIL OR GAS WELL

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
UNITED STATES

The information in this log is to be used for the purpose of determining the geologic history of the well and its surroundings. It is to be filled out by the driller or his representative, and should be checked by the geologist or his representative. The log should be filled out as the work progresses, and should be checked at the end of each day's work. The log should be filled out in ink, and should be signed by the driller or his representative at the end of each day's work. The log should be filled out in the following order: 1. General information, 2. Location, 3. Direction, 4. Depth, 5. Formation, 6. Stratigraphic column, 7. Correlation, 8. Production, 9. Summary.

The summary on this page is to be filled out at the end of each day's work. It should contain the following information: 1. Date, 2. Name of well, 3. Direction, 4. Depth, 5. Formation, 6. Stratigraphic column, 7. Correlation, 8. Production, 9. Summary. The summary should be filled out in ink, and should be signed by the driller or his representative at the end of each day's work. The summary should be filled out in the following order: 1. Date, 2. Name of well, 3. Direction, 4. Depth, 5. Formation, 6. Stratigraphic column, 7. Correlation, 8. Production, 9. Summary.

HISTORY OF OIL OR GAS WELL

FROM--	TO--	TOTAL FEET	FORMATION
0	1000	1000	0
1000	2000	2000	1000
2000	3000	3000	2000
3000	4000	4000	3000
4000	5000	5000	4000
5000	6000	6000	5000
6000	7000	7000	6000
7000	8000	8000	7000
8000	9000	9000	8000
9000	10000	10000	9000