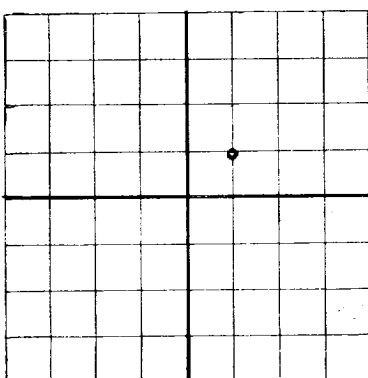


NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

AREA 640 ACRES
LOCATE WELL CORRECTLY

WELL RECORD

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (?). SUBMIT IN TRIPLICATE.

Humble Oil & Refining Co. **Houston, Texas**
Company or Operator Address
F.F. Hardison Well No. **1** in **sw/4 of ne/4** of Sec. **34**, T. **21-S**
Lease
R. **37-E** N. M. P. M. **Hardy** Field, **Lea** County.
Well is **1980** feet south of the North line and **1980** feet west of the East line of **Sec. 34**
If State land the oil and gas lease is No. _____ Assignment No. _____
If patented land the owner is _____ Address _____
If Government land the permittee is _____ Address _____
The Lessee is **Humble Oil & Refining Co.** Address **Houston, Texas**
Drilling commenced **5-14-39** 19 _____ Drilling was completed **5/31/39** 19 _____
Name of drilling contractor _____ Address _____
Elevation above sea level at top of casing **3428** feet.
The information given is to be kept confidential until _____ 19 _____

OIL SANDS OR ZONES

No. 1, from **3640** to **3730** No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

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

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED		PURPOSE
							FROM	TO	
9 5/8"	36#	8thrd.		432'					
7"	24#	8thrd.		3620'	Hall.				

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
12 1/4"	9 7/8"	445' 8"	200	Pump		18 tons
8 3/4"	7"	3632' 10"	400	Pump		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth Set _____
Adapters—Material _____ Size _____

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
		Halliburton	1500	6/1/39	3645'-3730'	Same
		"	300	6/3/39	3633'-3730'	"
4"x30"		S.N.G.		6/17/39	3660'-3730'	"

Results of shooting or chemical treatment **Initial test-on 24 hr. test well made 40 bbls.**

SEE ATTACHMENT

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto.

TOOLS USED

Rotary tools were used from **0** feet to **3730** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing **June 16, 1939**, 19 _____
The production of the first 24 hours was **40** barrels of fluid of which **100** % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, Be. **36.2 at 60°**
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

P.L. Stephens-R. Andrews, Driller **Jim Farrow-O.M. White**, Driller
R.G. Hebert, Driller _____, Driller _____

FORMATION RECORD ON OTHER SIDE

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Subscribed and sworn to before me this **28th** **Midland, Texas** **June 28, 1939**
day of **June**, 19 **39** Name **[Signature]**
Position **Division Superintendent**

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	151	151	Caliche & sand red rock
151	408	257	Sand & rock
408	453	45	Red Bed
453	1159	706	Red Bed
1159	1215	56	Red bed Hard Sand & Shell
1215	1300	85	Anhydrite
1300	1392	92	Anhy. & strks.salt
1392	2200	808	Salt & strks.anhydrite
2200	2390	190	Anhy & strks. salt
2390	3029	639	Anhydrite
3029	3249	220	Lime & strks.anhydrite
3249	3260	11	Anhydrite
3260	3311	51	Lime w/s anhydrite
3311	3430 TD	419	Lime

GENERAL REMARKS

Drilled by company rig #119
 Hobbs District Req: #450-Job Order #488
 Pay formation: Lime-3640'-3730'
 Elevation top of derrick floor-3428'
 Elevation top of oil string bradenhead-3416'
 Distance from top of derrick floor to rotary top-1'
 Distance from top of derrick floor to top of oil string bradenhead-12'

CASING SETTING AND CEMENTING OF CASING

9 5/8" OD set 19 jts, 432' at 446' and cemented with 200 sac ElToro
 7" OD set 112 jts, 3621' at 3633', and cemented with 400 sac ElToro

DRILLING DATA

Commenced building 4/28/39
 Commenced rigging up: 5/12/39
 Commenced drilling 5/14/39
 Completed drilling 6/1/39
 Completed work 6/22/39

SET SHOES AND FLOAT COLLARS USED:

With 9 5/8" OD Casing 1 shop made shoe
 With 7" OD Casing 1 Halliburton guide shoe
 1 " float collar

Or&2cc: N.M.State Oil Conservation Committee
 lcc: Mr. J.W.House
 lcc: Mr. J.Ben Carsey
 or&2cc: Mr. R.E.Sinclair
 lcc: Mr. J.I.Riddle
 lcc: Mr. S.W.Oberg
 lcc: File