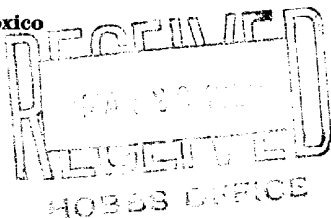


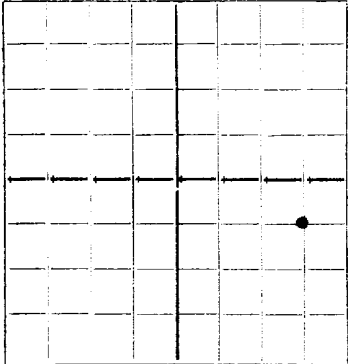
N.

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico



WELL RECORD



AREA 640 ACRES
LOCATE WELL CORRECTLY

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.

DUPLICATE

Humble Oil & Refining Company **Houston, Texas**
Company or Operator Address
N.M. State K Well No. **3** in **ne/4 of se/4** of Sec. **28**, T. **17**
Lease
R. **35 east**, N. M. P. M., **Vacuum** Field, **Lea** County.
Well is **1980** feet **north** of the **12th** line and **680** feet west of the East line of **Sec. 28**
If State land the oil and gas lease is No. **24241** Assignment No. _____
If patented land the owner is _____ Address _____
If Government land the permittee is _____ Address _____
The Lessee is **Humble Oil & refining Company** Address **Houston, Texas**
Drilling commenced **2/16/39** 19____ Drilling was completed **3/13/39** 19____
Work Completed: 3/18/39
Name of drilling contractor _____ Address _____
Elevation above sea level at top of casing _____ feet.
The information given is to be kept confidential until _____ 19____

OIL SANDS OR ZONES

No. 1, from _____ to _____ 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 **none** 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 FROM TO	PURPOSE
10 3/4	40	8		229	Shop made set shoe			
7 5/8	26.4	3		1613	Halliburton			
5 1/2	17.0	8		4114	"			

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
13 3/8	10 3/4	243	125	Halliburton	10.6	16 tons
9 7/8	7 5/8	1628	400	"	10.6	
6 3/4	5 1/2	4127	275	"	10.6	

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
		Chemical Treac-2000	gal.	3/17/39	4170-4350'	
		ess acid				

Results of shooting or chemical treatment **528 bbls. per day flowing**
Gas-Oil ratio 728 cu.ft. per bbl.

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 _____ feet to **4650** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing **4/1/39** 19____
The production of the first 24 hours was **528** barrels of fluid of which **99 2/10** % was oil; _____ %
emulsion; **4/10** % water; and **4/10** % sediment. Gravity, **Be 36.3 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

K.C. Langston, J.L. Lawson, Driller **Reuben Andrews- J.L. Ireland** Driller
J.M. Hite, J.B. Hebert Driller **E.F. Cole- J.C. Bramley** 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** **March 28, 1939**
day of **March** 19 **39** Name **W. J. Ferguson**
W. J. Ferguson Notary Public Position **Division Superintendent**
My Commission expires **6/1/39** Representing **Humble Oil & Refining Company**
Address **Box 1600 - Midland, Texas.**

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	40	40	Sand and caliche
40	208	168	Sand & rock
208	250	42	Red beds
250	608	358	Red beds & shells
608	852	244	Red beds & red rock
852	1117	265	Red beds and strks shells
1117	1272	155	Red rock
1272	1582	310	Red bed and shells
1582	1602	20	Red bed
1602	1753	151	Anhydrite
1753	2000	247	Anhy. & strks. red beds
2000	2800	800	Salt & anhydrite
2800	3800	1000	Anhydrite
3800	4650 TD	1850	Lime

GENERAL REMARKS

Drilled by: Company rig #119
 Hobbs District Request #428, Job Order NM*466
 Pay formation: Lime-4170' to 4650'
 Elevation top of derrick floor-3950'
 Elevation top of oil string bradenhead-3938'
 Distance from top of derrick floor to top of rotary 1'
 Distance from top of derrick floor to top of oil string bradenhead-12'

CASING SET

10 3/4" OD set 10 jts. 228'8" at 243'5"
 7 5/8" OD set 68 jts. 1613'2" at 1626'2"
 5 1/2" OD set 172 jts. 4114' at 4127'

CASING CEMENTED

10 3/4" used 125 sax ElToro
 7 5/8" used 400 sax ElToro
 5 1/2" used 275 sax ElToro

DRILLING DATA

Commenced building: 1-29-39
 Commenced rigging up: 2-16-39
 Commenced drilling: 2-16-39
 Completed drilling: 3-13-39
 Completed work: 3-18-39

SET SHOES AND FLOAT COLLARS USED

With 10 3/4" OD casing 1 shop made rotary shoe
 With 7 5/8" OD casing 1 Halliburton set shoe
 1 Halliburton float collar
 With 5 1/2" OD casing 1 Halliburton guide shoe
 1 Halliburton float collar

Or&2cc: State of N.M. Oil Conservation Commission
 2cc: Mr. J.W.House
 1cc: Mr. S.A.Oberg
 or&2cc: Mr. R.E.Sinclair
 cc: Mr. J.I.Riddle
 cc: File

HUMBLE OIL & REFINING COMPANY
HOUSTON, TEXAS

COPY

HUMBLE OIL & REFINING COMPANY'S

E.M. State K #3

NE 1/4 of SE 1/4 Section 23,
T-17 south Range 33, eastDAVIS LION SURVEY

byfo at	216	-----	0 ⁰
" "	476	-----	0
" "	930	-----	0
" "	1590	-----	4
" "	1700	-----	3 $\frac{1}{2}$
" "	2165	-----	2
" "	2600	-----	1