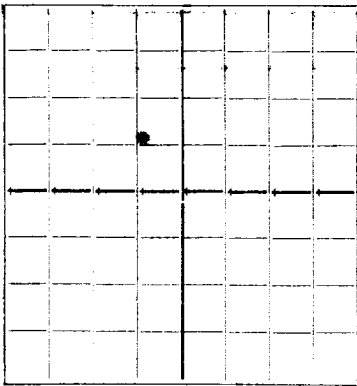


N.

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 Company **Houston, Texas**
Company or Operator Address
John Williams Well No. **2** in **NW 1** of Sec. **34** T. **24-South**
Lease
R. **37-base** N. M. P. M. **Matix** Field, **Log** County.
Well is **1900** feet south of the North line and **5300** feet west of the East line of **Section 34**
If State land the oil and gas lease is No. Assignment No.
If patented land the owner is **John Williams** Address
If Government land the permittee is Address
The Lessee is **Humble Oil & Refining Company** Address **Houston, Texas**
Drilling commenced **8-8-37** 19 Drilling was completed **8-25-37** 19
Name of drilling contractor **Holmes & Cleveland** Address **Hobbs, N. M.**
Elevation above sea level at top of casing **5124** feet.
The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from **3347** to **5505** 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 FROM TO	PURPOSE
8-5/8	36	8	L.	604'	Reagan Pat. Iron			
7"	24	10	R	31-9"	Halliburton			
6" SUB 4.732		tubing		34-5'				

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"	8-5/8	412'	330	Halliburton	10, 11-	35 tons used in well
8-5/8	7	3600'	500	Halliburton		

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
8-1/2		Nitroglycerin	500 lbs	8-24-37	3500'	

Results of shooting or chemical treatment **No test before shot. After shot, well flowed at the rate of 60 barrels of oil per hour thru open 8" tubing**

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 **3605** feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

PRODUCTION

Put to producing **September 1,** 19 **37**
The production of the first **24** hours was **125** barrels of fluid of which **90.8** % was oil; % emulsion; % water; and **8/100-12** sediment. Gravity, Be **39.2**
If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas
Rock pressure, lbs. per sq. in.

EMPLOYEES

Bill Hollis Driller **C. W. Lamb** Driller
H. D. Vanya 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 **13th**
day of **Sept.** 19 **37**
Winnie Mae Ferguson
Notary Public
My Commission expires **6-1-39**

Midland, Texas, **Sept. 13, 1937**
Place Date
W. F. Doherty
Name **Division Superintendent**
Position
Representing **Humble Oil & Refining Company**
Company or Operator
Address **Box 1600, Midland, Texas**

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	16	16	Cellar
16	50	34	Gallies
50	100	50	Water sand & shells
100	210	110	Red sand & shells
210	425	215	Red sand
425	730	305	Red sand & shells
730	935	205	Red rock & Red sand
935	1035	100	Red Rock
1035	1170	135	Anhydrite
1170	1267	97	Salt & Anhydrite
1267	2430	1163	Anhydrite & Salt
2430	2577	147	Anhydrite
2577	2650	73	Anhydrite & L. Lime
2650	2868	218	Anhydrite & Gyp
2868	3003	135	Anhydrite & Lime
3003	3094	91	Lime
3094	3144	50	Gray Lime
3144	3205	61	Lime
3205	3215	10	Gray Lime
3215	3245	30	Broken Lime Gray
3245	3227	82	B. Lime
3227	3247	20	Brown Lime
3247	3302	55	Sand & Lime w/ increase of gas
3302	3365	63	Brown Lime
3365	3405	40	Sand & Broken Lime
3405	3409	4	Brown Lime
3409	3420	11	Sand & Brown Lime
3420	3435	15	Gray Lime
3435	3438	3	Sandy Lime
3438	3445	7	Gray Lime
3445	3460	15	Hard Lime
3460	3469	9	Sandy Lime
3469	3485	16	Hard Lime
3485	3500	15	Sandy Lime
3500	3500	0	TOTAL

Drilled by: Mr. John A. Cleveland, Contractors

North District Council 342 - Job Order 12-342

Ray formation: 1547' to 3512'

Elevation top of corrick floor: 3175'

Elevation top of oil string breatherhead: 5104'

Distance to top of return to deck floor: 1'

Distance from carrier to oil stream in contact: 11"

9-5/8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66 68 70 72 74 76 78 80 82 84 86 88 90 92 94 96 98 100

7- CD sub 104 178 3189' 3204'

9-11/81 00 1000 800 800/01 1000/01

7 1 0000 500 0000 0000

FILE NO. 100-3-103

THE UNIVERSITY OF CHICAGO

Commenced building ris: 3-4-27

Commenced playing up 3-2-37

Completed drilling: 8-8-37

Completed drilling: 6-25-57

Completed date: 8-19-37

with 2-5/8" OD casing

1 - 3-8/8 cc Tamm pattern and other

11th 7th 10th 12th 13th 14th 15th 16th 17th 18th 19th 20th 21st 22nd 23rd 24th 25th 26th 27th 28th 29th 30th 31st

i - 7 - Balliburuga Side - Box

1 - 7 - 61 Nathan Horton West Collar

Orig. & 2 cc: State Land Commissioner

5001 100 100 100 100

100-443887-100

1 cc. 6. 0. 0. 0.

100-712

1 cc: J. L. Steele, Jr