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## NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

## 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 TRIPPLICATE.

AREA 640 ACRES  
LOCATE WELL CORRECTLY

Humble Oil &amp; Refining Co.

Houston, Texas

N.M. State "K"

Company or Operator

No. 4 of No. 4

Address

Well No.

7

In

of Sec.

32

T

17-0

R. 35-1

N. M. P. M.

Vacuum

Field

Loa

County.

Well is 660

feet south of the North line and

661' 9"

feet west of the East line of

Sec. 32

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 &amp; Refining Co.

Address

Houston, Texas

Drilling commenced

7-13-39

19

Drilling was completed

8-5-39

19

Name of drilling contractor

Address

Elevation above sea level at top of casing

6955

feet.

The information given is to be kept confidential until

19

## OIL SANDS OR ZONES

No. 1, from

4160'

to

4665'

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
10 3/4	40	8thrd.	SS	228' 7"	Shop-made			
7 5/8	26	"	SS	1533'	Halliburton			
5 1/2	17	"	SS	4135' 4"	Halliburton			
TUDILG								
2"	4.70	8thrd.	SS	4644' 3"				

## 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 3/4	10 3/4	243'	125	1.120		12 tons
9 7/8	7 5/8	1547'	400	"		
6 3/4	5 1/2	4148	250	"		

## 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
		NO DATA				

Results of shooting or chemical treatment

No treatment, well flowed naturally 400 bbls.

per day, 99 6/10 % oil 4/10 of 1.334, Gravity 27.8 at 60°

## 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

4665

feet. and from

feet to

feet

Cable tools were used from

feet to

feet. and from

feet to

feet

## PRODUCTION INITIAL TEST

Put to producing

Aug. 16,

19

39

The production of the first 24 hours was

400

barrels of fluid of which

99 6/10

% was oil;

emulsion;

% water; and

% sediment. Gravity, Be

37.8 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.

M.L. Prichard-Ray Huber

## EMPLOYEES

K.C. Langston-J.C. Cherry

C.M. Oberg

Driller

Driller

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

27th

Houston, Texas

August 2, 1939

day of

August

19

Name

J. C. Cherry

Position

Division Superintendent

Representing

Humble Oil &amp; Refining Company

Company or Operator

My Commission expires

6-1-41

Address

Box 1600, Houston, Texas

# FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	61	61	Caliche
61	181	120	Surface sand & gravel
181	1528	1347	Red Bed
1528	1700	172	Anhydrite
1700	2510	810	Salt & strks. anhydrite
2510	2537	27	Anhy.
2537	2664	127	Salt
2664	2691	27	Anhy.
2691	2743	52	Salt & Anhy.
2743	3031	288	Anhy.
3031	3044	13	Yates sand
3044	3063	19	Broken anhy.
3063	3768	705	Anhy.
3768	3659	191	anhy. & lime
3659	4665 TD	706	Lime.

## GENERAL REMARKS

Drilled by: CorBig #138  
 Hobbs Dist. Req: #461-NM-499  
 Pay formation: 4160'-4665'  
 Elevation top of derrick floor-3967'  
 Elevation top of oil string bradenhead-3955'  
 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

## CASING CEMENTED

10 3/4" OD set 12 jts, 229' at 243'    10 3/4" used 125 sacks Portland  
 7 5/8" OD set 66 jts, 1533' at 1547'    7 5/8" used 400 sacks "  
 5 1/2" OD set 174 jts, 4135' at 4148'    5 1/2" used 250 sacks OK

2" tubing set 145 jts, 4644' at 4656'  
 No liner set.

## DRILLING DATA

Commenced building: 7-12-39  
 Commenced rigging up: 7-12-39  
 Commenced drilling: 7-13-39  
 Completed drilling: 8-5-39  
 Completed work: 8-10-39

## SET SHOES & FLOAT COLLARS USED

With 10 3/4" casing	1 shop made shoe	
With 7 5/8" casing	1-7 5/8" Halliburton	guide shoe
	1-7 5/8"	float collar
With 5 1/2" Casing	1-5 1/2"	guide shoe
	1-5 1/2"	float collar

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