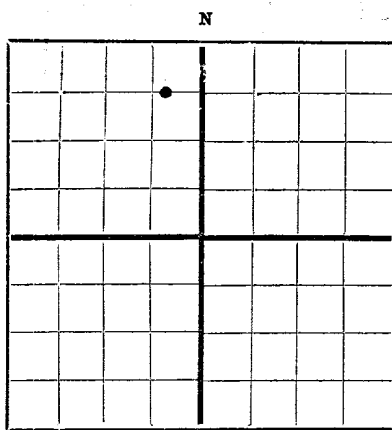
NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New MexicoAREA 640 ACRES
LOCATE WELL CORRECTLY

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 TRIPPLICATE. FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.

Gulf Oil Corporation Hobbs, N.M.
Company or Operator Address
Hugh Well No. 7 in 14 of Sec. 14, T. 22 S
Lease
R. 37 E, N. M. P. M., Drinkard Field, Lea County.
Well is 660 feet south of the North line and 2310 feet East of the West line of Section 14.
If State land the oil and gas lease is No. Assignment No.
If patented land the owner is Leo V. Simms, Address Box 45, Emice, N.M.
If Government land the permittee is, Address
The Lessee is Gulf Oil Corporation - Gypsy Division, Address Tulsa, Oklahoma
Drilling commenced Sept. 4 1949 Drilling was completed October 14 1949
Name of drilling contractor Two States Drilling Company, Address Dallas, Texas
Elevation above sea level at top of casing 3356 feet.
The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from 5080 to 5210 No. 4, from to
No. 2, from 6395 to 6480 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 (ROTARY TOOLS) 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	
<u>13-3/8"</u>	<u>48#</u>	<u>8 rd</u>	<u>SS</u>	<u>281'</u>					
<u>9-5/8"</u>	<u>36#</u>	<u>8 rd</u>	<u>SS</u>	<u>2860'</u>					
<u>7"</u>	<u>23#</u>	<u>8 rd</u>	<u>SS</u>	<u>6381'</u>					

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
<u>17-1/4"</u>	<u>13-3/8</u>	<u>298'</u>	<u>300</u>	<u>HOWCO</u>		
<u>12-1/4"</u>	<u>9-5/8</u>	<u>2875'</u>	<u>1300</u>	<u>HOWCO</u>		
<u>8-3/4"</u>	<u>7"</u>	<u>6394'</u>	<u>700</u>	<u>HOWCO</u>		

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
		<u>Acid</u>	<u>1000 gal.</u>	<u>10-13-49</u>	<u>6480'</u>	
		<u>Acid</u>	<u>500 gal.</u>	<u>10-16-49</u>	<u>6480'</u>	
		<u>Acid</u>	<u>1000 gal.</u>	<u>10-20-49</u>	<u>6480'</u>	

Results of shooting or chemical treatment Upon completion, well flowed 107 bbl. oil in 6 hours thru 3/4" choke. After above acid treatments, and installing formation packer, well flowed 66 bbl. oil cut 10% BS&W in 24 hours thru 3/4" choke.

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 6480' feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

PRODUCTION

Put to producing October 14, 1949
The production of the first 24 hours was 107 barrels of fluid of which 100% was oil; %
emulsion; % water; and % sediment. Gravity, Be.
If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas
Rock pressure, lbs. per sq. in.

EMPLOYEES

Two States Drilling Company, 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 28th day of October, 1949 Hobbs, N.M. October 28, 1949
Name W. J. Galt

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	40'		Surface
	311'		Coarbeds and shells (set 13-3/8" csq)
	694'		Coarbeds and shells
	860'		Coarbeds
	1035'		Coarbeds and shells
	1145'		Anhydrite and sand
	1160'		Anhydrite
	2270'		Anhydrite and salt
	2390'		Anhydrite
	2521'		Anhydrite and gypsum
	2875'		Anhydrite (set 9-5/8" csq)
	3461'		Anhydrite
	3551'		Angurite and lime
	3590'		Anhydrite
	3650'		Anhydrite and lime
	6480'		Lime (set 7" csq.)

FORMATION R.F.D.	
Anhydrite	1080'
Top Salt	1170'
Base Salt	2320'
Brown Lime	2600'
White Lime	3855'
Oil Day	6395' to 6480'

RECORD OF DRILL STEM TESTS

Hugh Well No. 7 in N.M.P.M. of Sec. 14 T 22 S
R 37 E N.M.P.M. Drinkwater field, Lea County.

Drill stem tests were as follows:

On October 7, 1949, - DST at TD 6480' with Johnston 5-1/2" packer set at 6395', 1/2" SS and 1" S choke. Tool open 1 hour with 15 min. build up, 2900 cu. ft. of gas to surface in 30 min., decreased to 2200 cu. ft. at end of test. Recovered 360' of heavily oil and gas cut mud in 4 1/2" drill pipe. FP - 100#, BUP - 1375#, PSI - 3150#.