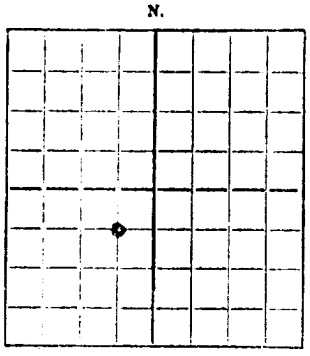
FORM C-105



AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSE. ATION 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 TRIPLICATE.

Ray Oil Company and T. A. Kirk (Company or Operator) Hoover (Lease)

Well No. 1 in of Sec. 30, T. 11N

R. 28E, N. M. P. M., Wildcat Field, Quay County.

Well is 1980 feet south of the North line and 1980 feet west of the East line of NW¼ of SE¼

If State land the oil and gas lease is No. Assignement No.

If patented land the owner is Hoover et al, Address Tucumcari, New Mexico

If Government land the permittee is, Address

The Lessee is Ray Oil Com any and T. A. Kirk, Address Dallas, Texas

Drilling commenced Sept 29, 1951 19. Drilling was completed Feb. 4, 1952 19

Name of drilling contractor Ray Oil Company, Address Dallas, Texas

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 none to No. 4, from none to

No. 2, from none to No. 5, from none to

No. 3, from none to No. 6, from none to

IMPORTANT WATER SANDS

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

No. 1, from 420 to 430 feet. good fresh water

No. 2, from 804 to 865 feet. fresh water with soda

No. 3, from 2225 to 2427 feet. flowing water (6000)

No. 4, from to feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED FROM	PERFORATED TO	PURPOSE
18"	50	no threads		10 ft	none				
13 3/8	50	8r		565	plain	297			
10	40	8 rd		1125	plain	868			
8 1/4	32	8 rd		2450	plain	1985			
7	23	8 rd		3037	plain	recovered all of 7"			

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
20"	18"	16 ft	10	by hand	This was conductor pipe in 6 ft cellar	
15½	13 3/8	565 ft	30	Halliburton		
12½	10"	1425	35	Halliburton		125 sks of Eze-Mix
10	8¼	2450	65	Halliburton		25 sks Aguajel

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth Set _____

Adapters—Material (Check plugging reports on file in Santa Fe, New Mexico Size _____

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
		None				

Results of shooting or chemical treatment Did not shoot

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 _____ feet, and from _____ feet to _____ feet.

Cable tools were used from 0 feet to 3506 feet, and from _____ feet to _____ feet.

PRODUCTION

Put to producing Dry, 19____

The production of the first 24 hours was _____ barrels of fluid of which _____% 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

E. D. Humphrey, _____ Driller W. B. Jones, Big Spring, Tex Driller

E. J. Parrish, Santa Ana, Texas Driller D. W. Ingram, Snyder, Texas 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.

Dallas, Texas _____
Place Date

Name E. D. Humphrey

Position Superintendent

Representing Ray Oil Company
1123 Harlan Company or Operator.

Address Wichita Falls, Texas

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	420	420	red shale
420	430	10	fresh water sand, 6½ BPH in 15" hole
430	445	15	lime
445	804	359	red shale, set 565 ft of 13 3/8" casing, cemented
804	865	61	fresh water sand, water has soda contents
865	875	10	sandy lime
875	1040	165	red shale
1040	1050	10	blue shale
1050	1130	80	water sand, first salty water
1130	1145	15	sandy blue shale
1145	1175	30	red shale
1175	1185	10	blue shale
1185	1207	22	water sand, salty
1207	1245	38	red shale
1245	1290	45	water sand, salty
1290	1340	50	red-blue shales
1340	1400	60	water sand, salty
1400	1410	10	sandy lime
1410	1425	15	broken lime, anhydrite and gravels, set 1425 ft of 8¼" casing, cemented
1425	1702	277	red shale with anhydrite
1702	1855	153	grey lime
1855	1870	15	red shale with broken lime
1870	1930	60	grey lime
1930	2010	80	red shale with broken lime
2010	2020	10	salt with broken lime
2020	2060	40	salt
2060	2075	15	salt and anhydrite
2075	2115	40	dark Dolomite lime
2115	2125	10	anhydrite with broken lime
2125	2167	42	hard grey lime
2167	2180	13	soft white water sand, very salty
2180	2190	10	hard sand
2190	2205	15	Extra hard sandy lime
2205	2427	212	water sand, started flowing around 2225, Analysis showed 7500/1,000,000 part no good
2427	2535	108	dark brown shale, set and cemented 2450 ft of 8¼ Cement came back up to 2020 ft on outside of pipe
2535	2560	25	sandy lime
2560	2735	175	sandy red shale
2735	2915	180	red-brown shale
2915	2920	5	salt
2920	3045	125	broken red-brown shale with salt
3045	3087	42	broken lime and shale with anhydrite., set 3087 ft of 7" casing
3087	3100	13	anhydrite
3100	3110	10	grey lime
3110	3130	20	salt and shale
3130	3155	25	grey lime
3155	3180	25	red shale
3180	3245	65	sandy lime
3245	3255	10	lime
3255	3330	75	red shale
3330	3400	70	lime
3400	3420	10	water sand
3410	3420	10	red shale
3420	3440	20	sand

3440	3450	10	sandy shale
3450	3470	20	red shale with streaks of blue shale
3470	3506	36	red shale