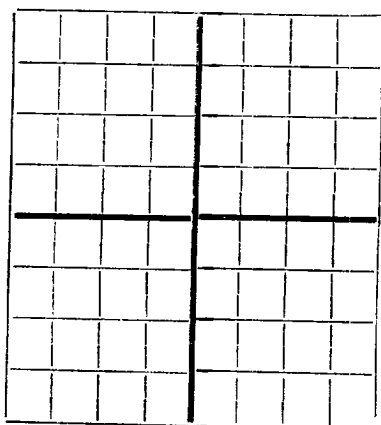


N

AREA 640 ACRES  
LOCATE WELL CORRECTLY

Stanolind Oil and Gas Company

Box F; Hobbs, New Mexico

State C Tr. 13 Company or Operator Well No. 5 in NW/4 of Sec. 36, T. 21-S, R. 37-E, N. M. P. M., Drinkard Lea County.  
Well is 1980 feet south of the North line and 660 feet west of the East line of Sec. 36.  
If State land the oil and gas lease is No. B-1557 Assignment No. \_\_\_\_\_  
If patented land the owner is \_\_\_\_\_, Address \_\_\_\_\_  
If Government land the permittee is \_\_\_\_\_, Address \_\_\_\_\_  
The Lessee is \_\_\_\_\_, Address \_\_\_\_\_  
Drilling commenced November 12, 1947 Drilling was completed 12-30, 1947  
Name of drilling contractor Carper Drilling Company, Address Artesia, New Mexico  
Elevation above sea level at top of casing 3360 feet.  
The information given is to be kept confidential until Not confidential, 19\_\_\_\_.

## OIL SANDS OR ZONES

No. 1, from 5520 to 5575 (gas) No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from 5480 to 5495 No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from 5515 to 5535 No. 6, from \_\_\_\_\_ to \_\_\_\_\_

## IMPORTANT WATER SANDS

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

None  
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		PURPOSE
							FROM	TO	
13-3/8"	48	8	New	301	Texas				Surface string
9-5/8"	36	8	"	1410	Larkin				Intermediate
7"	23	8	"	6583	Baker				Oil string

## MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
12-1/4"	13-3/8"	301	250	Halliburton		
12-1/4"	9-5/8"	1410	700	ditto		
8-3/4"	7"	6583	3500	ditto		

## 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
		Western Mud Acid	500 gals.	1-15-48	6510-6535;	6550-6580
		Western C-5	4500 gals.	1-18-48	6510-6535;	6550-6580

Swabbed dry on natural test. After mud acid - swabbed 40 bbls. acid water and Results of shooting or chemical treatment.  
25 BO in 12 hrs. SI 8 hrs. Swabbed and flowed 25 BO and 5 BW in 8 hrs. After C-5 acid, flowed 126 BO in 11 hrs. Flowed 245 BO and 12 bbls. load water in 24 hrs. thru 16/64" ch.

## 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 6585 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## PRODUCTION

Put to producing 1-24, 1948  
The production of the first 24 hours was 257 barrels of fluid of which 95.3% was oil; 4.7% emulsion; \_\_\_\_\_% water; and \_\_\_\_\_% sediment. Gravity, Be 40.2  
If gas well, cu. ft. per 24 hours GOR 773 Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_  
Rock pressure, lbs. per sq. in. \_\_\_\_\_

## EMPLOYEES

E. D. Knight, Driller J. A. Martin, Driller  
R. S. LeBlanc, Driller K. P. Cunningham, 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 27<sup>th</sup>

day of January, 1948

Hobbs, New Mexico January 27, 1948

Place Date

Name Ralph J. Henderson

Position Field Supt.

## FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	1410	1410	Red beds and surface sands
1410	2510	1100	Salt and anhydrite and red beds
2510	2760	250	Anhydrite, red beds, and sand
2760	3380	620	Anhydrite, lime, sand, and red beds
3380	4200	820	Anhydrite dolomite, sand, and red beds
4200	4600	400	Sandy dolomite
4600	4870	270	Anhydritic dolomite
4870	5155	285	Dolomite and lime
5155	5180	25	Sandy dolomite
5180	5240	60	Dolomite and lime
5240	5270	30	Dolomite and sand
5270	5655	385	Dolomite, lime, sand, and red shale
5655	6100	445	Dolomite
6100	6240	140	Sand and dolomite
6240	6575	335	Dolomite

Formation Tops

Top Anhydrite	1240
Base Salt	2410
Top Yates	2640
Top Glorieta	5150
Top Tubbs	6030
Top Pay	6510

Drill Stem Tests

DST #1: 5125-5230; tool open 2 hrs. Rec. 180' heavily oil and gas out mud, 320' drilling mud. FBHP 350 psi. 15 min. SIP 700 psi.

DST #2: 5232-5318; tool open 1 hr. Rec. 320' gas out drilling mud, 100' sulfur water. Slight show oil. FBHP 111 psi. 15 min. SIP 1412 psi.

DST #3: 5528-5597; tool open 30 min. Sweet gas to surface 2 min. Gauged 2800 MCFPD. Spray of water; FBHP 640 psi. 15 min. SIP 2310 psi. Rec. 210' gas out mud, no oil. Show of distillate.

DST #4: 6470-6585; tool open 6 hrs. Gas to surface 8 min. Flowed 25 barrels mud out oil in 2 hrs. then died. FBHP 1200 psi. 15 min. SIP 2250 psi.