

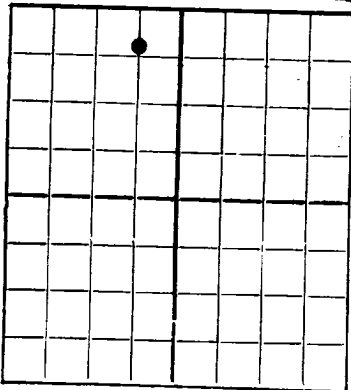
DUPLICATE

FORM C-1

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

RECEIVED JUL 30 1951 OIL CONSERVATION COMMISSION HOBBS-OFFICE



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.

AREA 640 ACRES LOCATE WELL CORRECTLY

Stanolind Oil and Gas Company

M. W. Coll

Well No. 38-E in NW/4 of Sec. 2, T. 20-S, R. N. M. P. M., House, Lea County. Well is 660 feet south of the North line and 3300 feet west of the East line of Sec 2, T-20-S, R-38-E. If patented land the owner is M. W. Coll. The Lessee is Stanolind Oil and Gas Company. Drilling commenced March 25, 1951. Drilling was completed June 3, 1951. Name of drilling contractor Simons & Manning. Elevation above sea level at top of casing 3574 feet. The information given is to be kept confidential until Not Confidential.

OIL SANDS OR ZONES

No. 1, from 4330 to 4520 \* No. 4, from to
No. 2, from 5630 to 6050 \* No. 5, from to
No. 3, from 6965 to 7595 \* No. 6, from to
\*None Productive

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole. No. 1, from None to feet. No. 2, from to feet. No. 3, from to feet. No. 4, from to feet.

CASING RECORD

Table with columns: SIZE, WEIGHT PER FOOT, THREADS PER INCH, MAKE, AMOUNT, KIND OF SHOE, CUT & FILLED FROM, PERFORATED FROM TO, PURPOSE. Includes entries for 16-3/4" Slip Jt. Ft. Pitt. and 7-5/8" Baker 2585'.

MUDDING AND CEMENTING RECORD

Table with columns: SIZE OF HOLE, SIZE OF CASING, WHERE SET, NO. SACKS OF CEMENT, METHOD USED, MUD GRAVITY, AMOUNT OF MUD USED. Includes entries for 13-3/4" 10-3/4" 313' and 9-7/8" 7-5/8" 3851'.

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth Set
Adapters—Material Size

RECORD OF SHOOTING OR CHEMICAL TREATMENT

Table with columns: SIZE, SHELL USED, EXPLOSIVE OR CHEMICAL USED, QUANTITY, DATE, DEPTH SHOT OR TREATED, DEPTH CLEANED OUT. Includes entry for None.

Results of shooting or chemical treatment

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 7800 feet, and from feet to feet. Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to producing Dryhole, 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

J. F. Gilmore, Driller, W. E. Lowe, Driller, E. T. Hill, 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 25th day of July, 1951, Hobbs, New Mexico, July 25, 1951. Name [Signature]

**FORMATION RECORD**

FROM	TO	THICKNESS IN FEET	FORMATION
481	1625	1144	Shale
1625	2258	633	Anhydrite, Shale and Red Bed
2258	2770	512	Shale and Salt
2770	4187	1417	Shale and Anhydrite, Salt
4187	4283	96	Sandy Lime and Lime
4283	4443	160	Lime
4443	4470	27	Sand
4470	7187	2717	Lime with Sand and Shale Strings
7187	7469	282	Lime and Gyp.
7469	7800(TD)	331	Lime

DRILL STEM TESTS

- DST #1 4302-4368 - Tool open 1 hour 5 min.; weak blow of air to surface immediately, dead in 1 hour 5 min.; recovered 30' slight gas cut mud. BHFP 0 15 min. HHSIP 0.
- DST #2 4363-4420 - Tool open 45 min.; weak blow air to surface immediately, dead in 10 minutes; recovered 90' slight gas cut mud below circulating surface. BHFP 0 15 min. HHSIP 0.
- DST #3 4417-4470 - Tool open 2 hours; medium blow of air to surface immediately, dying in 1½ hour dead for 30 minutes; recovered 30' slight gas cut mud. BHFP 0 15 min. HHSIP 0.
- DST #4 4468-4520 - Tool open 1 hour; medium blow air to surface immediately; dead in 30 min.; recovered 120' slight gas cut sulphur water. BHFP 0 15 min. HHSIP 0.
- DST #5 5720-5820 - Tool open 2 hours; strong blow of air immediately and continuing strong for 1 hour; moderate blow of air for ½ hour, weak blow of air for ½ hour; recovered 700' clean drilling fluid and 3680' of black sulphur water; no show of oil or gas. BHFP 175-200 psi 15 min. HHSIP 2190 psi.
- DST #6 5949-6050 - Tool open 2 hours; strong blow of air to surface at once; gas to surface in nine minutes; steady gas blow throughout test (estimated at 50 MCF/day) recovered 1200' gas cut mud and 60' of oil and gas cut mud. BHFP 250 psi 15 min. HHSIP 1150.
- DST #7 6965-7040 - Tool open 2 hours; strong blow air at once decreasing to moderate blow in 1 hour; steady for 1 hour; recovered 120' of slightly oil cut mud, no water or gas. BHFP 90 psi 15 min. HHSIP - 235 psi.
- DST #8 7040-7100 - Tool open 1½ hour - 5/8" bottom hole choke 1" surface choke very weak blow of air at once; died in 15 min.; recovered 120' of drilling mud no oil, gas or water. BHFP 90 psi 15 min. HHSIP 0.
- DST #9 7040-7130 - Tool open 1 hour and 15 min; very weak blow of air at once, dead in 15 min; recovered 100' of drilling mud; no show of oil, gas or water. BHFP 60-95 psi 15 min. HHSIP 1000 psi.
- DST #10 7379-7506 - Tool open 1 hour and 10 min; fair blow air at once gradually weaker until dead; recovered 215 feet of drilling mud; no oil, gas or water. BHFP 50-125 psi 15 min. HHSIP 255 psi.
- DST #11 7550-7595 - Tool open 2 hours; strong blow of air at once diminished to weak blow in 10 minutes and remained steady; recovered 950' gas in drill pipe, 45 feet of slight oil and gas cut mud. BHFP 25 psi 15 min. HHSIP 80 psi.

FORMATION TOPS

Elev. . . . .	3587 RT
	3565.5 G.I.
Rustler Anhydrite . . . . .	1580
Yates . . . . .	2870
Queen . . . . .	3840
San Andres . . . . .	4330
Glorieta . . . . .	5630
Drinkard . . . . .	6965

*2/28/48*