

(Revised 7/1/88)
(Form C-105)

Section 31

47

Santa Fe, New Mexico

WELL RECORD

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in **QUINTUPLICATE**.

Stelly Oil Company

J.W. Sherrell Battery 2
(Lease)

Well No. 7, in NW ¼ of SE ¼, of Sec. 31, T. 24S, R. 17E, NMPM.
Langlie-Mattix Pool, Lea County.

Well is 1980 feet from South line and 1930 feet from East line
of Section 31. If State Land the Oil and Gas Lease No. is _____

Drilling Commenced.....**August 14**....., 19..**57**..... Drilling was Completed.....**September 1**....., 19..**57**.....

Name of Drilling Contractor.....**Makin Drilling Company**.....

Address..... **Box 1628, Hobbs, New Mexico**

Elevation above sea level at Top of Tubing Head..... **3241 D.F.**..... The information given is to be kept confidential until
Not Confidential....., 19.....

OIL SANDS OR ZONES

No. 1, from 3504 to 3546 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	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
8-1/8" OD	24#	New	1150'				
5-1/2" OD	14#	New	2954'				

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
11"	8-5/8"	1150'	500	Halliburton		
7-7/8"	5-1/2"	3554'	200	Halliburton		

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

Perforated 5 1/2" casing with 80 Lane-Wells Type "F" Bullets. Perforated Intervals 3504-3534'.
Fractured down 5 1/2" Casing with 5000 Gallons Sandoil mixed 1 1/2" sand per gallon, by Dowell.

Result of Production Stimulation.....Pumped 27 barrels oil and 21 barrels slightly salty sulphur water
in 24 hours.

...Depth Cleaned Out.....

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
4006' (PDB 3546')

Rotary tools were used from 0 feet to 4006 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing September 18, 1957

OIL WELL: The production during the first 24 hours was 48 barrels of liquid of which 56.4% was oil; 43.6% was emulsion; 43.6% water; and % was sediment. A.P.I. Gravity 32.1°

GAS WELL: The production during the first 24 hours was M.C.F. plus barrels of liquid Hydrocarbon. Shut in Pressure lbs.

Length of Time Shut in

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico			Northwestern New Mexico		
T. Anhy	1100'		T. Devonian		T. Ojo Alamo
T. Salt	1200'		T. Silurian		T. Kirtland-Fruitland
B. Salt	2600'		T. Montoya		T. Farmington
T. Yates	2879'		T. Simpson		T. Pictured Cliffs
T. 7 Rivers	3100'		T. McKee		T. Menefee
T. Queen	3515'		T. Ellenburger		T. Point Lookout
T. Grayburg	3700'		T. Gr. Wash		T. Mancos
T. San Andres			T. Granite		T. Dakota
T. Glorieta			T.		T. Morrison
T. Drinkard			T.		T. Penn
T. Tubbs			T.		T.
T. Abo			T.		T.
T. Penn			T.		T.
T. Miss			T.		T.

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0'	1100'	1100'	Caliche & Redbed				
1100'	1200'	100'	Anhydrite				
1200'	2600'	1400'	Salt & Anhydrite				
2600'	2879'	199'	Anhydrite & Dolomite				
2879'	3100'	221'	Sand & Anhydrite				
3100'	3515'	415'	Sand & Anhydrite				
3515'	3700'	185'	Sand & Anhydrite				
3700'	4006'	306'	Dolomite & Anhydrite				

DRILL STEM TEST NO. 1 3465-3510': Tool open 3 hours with weak blow of air throughout test. Pulled 4"OD drill pipe and recovered 30' of black gas-out drilling fluid, no show of oil. N.P. in and out 1890%, IFP zero, FFP zero. 20-minute shutin 120%.

DRILL STEM TEST NO. 2 3655-4003': 5/8" BHC, 1" HHC. Tool open 2 1/2 hours with a good blow of air that weakened after 15 minutes and then died after 1 hour. Pulled 4"OD drill pipe and recovered 2635' of black sulphur water, no show of oil. N.P. in 2310%, out 2273%, IFP 100%, FFP 1532%, 15-min. buildup 1532%.

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

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.

September 23, 1957
Company or Operator Skelly Oil Company Address Box 38, Hobbs, New Mexico
Name E. R. Ditz Position or Title District Superintendent