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NEW MEXICO OIL CONSERVATION COMMISSION
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 If State Land submit 6 Copies

AREA 640 ACRES
LOCATE WELL CORRECTLY

Skelly Oil Company
(Company or Operator)

Well No. 1, in NW 1/4 of NW 1/4, of Sec. 8, T. 18-S, R. 35-E, NMPM.
Drinkard & Vacuum Abo Pool, Lea County.
Well is 330 feet from North line and 358 feet from West line
of Section 8. If State Land the Oil and Gas Lease No. is E-6704.
Drilling Commenced October 12, 1961. Drilling was Completed November 10, 1961.
Name of Drilling Contractor Hendo Drilling Company
Address Midland, Texas
Elevation above sea level at Top of Tubing Head 3972' DF. The information given is to be kept confidential until
Not Confidential, 19

OIL SANDS OR ZONES

No. 1, from 8450' to 8476' No. 4, from to
No. 2, from 8726' to 8898' 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
13-3/8"	44.5#	New	294'	Guide			Surface
8-5/8"	32#	New	3241'	Float			Intermediate
5-1/2"	17#	New	9038'	Float		(8450-8476' 8824-8874')	Oil String

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
17-1/4"	13-3/8"	305'	305	Pump & Plug		
11"	8-5/8"	3254'	1100	Pump & Plug		
7-7/8"	5-1/2"	9049'	925	Pump & Plug		

Well No.1 Dual Completion RECORD OF PRODUCTION AND STIMULATION

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

DRINKARD ZONE - Treated through 5-1/2" OD casing perfs. 8450-8476' with 19,000 gals. acid.
ABO ZONE - Treated through 5-1/2" OD casing perfs. 8824-8874' with 4,000 gals. acid.

Result of Production Stimulation

DRINKARD ZONE - Well pumped 61 bbls. of oil in 24 hours, corrected gravity 38.0°.
ABO ZONE - (Over) 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

Rotary tools were used from 0 feet to 9050 feet and from feet to feet.
Cable tools were used from feet to feet and from feet to feet.

ABO ZONE

PRODUCTION

Put to Producing December 12, 1961

OIL WELL: The production during the first 16 hours was 320 barrels of liquid of which 99.9% was oil; % was emulsion; % water; and .1% was sediment. A.P.I. Gravity 39.9°

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. 1518'	T. Devonian.	T. Ojo Alamo.
T. Salt. 1660'	T. Silurian.	T. Kirtland-Fruitland.
B. Salt.	T. Montoya.	T. Farmington.
T. Yates. 3004'	T. Simpson.	T. Pictured Cliffs.
T. 7 Rivers. 3361'	T. McKee.	T. Menefee.
T. Queen. 4014'	T. Ellenburger.	T. Point Lookout.
T. Grayburg. 4436'	T. Gr. Wash.	T. Mancos.
T. San Andres. 4780'	T. Granite.	T. Dakota.
T. Glorieta. 6645'	T.	T. Morrison.
T. Drinkard. 8103'	T. Panrose. 4200'	T. Penn.
T. Tubbs. 7616'	T. Clearfork. 7395'	T.
T. Abo. 8724'	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	1518'	1518	Sand & red beds	DRILL STEM TEST NO. 1 - 8446-8500':			
1518	1660	142	Anhydrite	4-1/2" drill pipe, 1" bottom & top chokes, no water blanket. Tool open 4 mins. then shut in for 30 mins. ISIP. Reopened tool for 3 hrs. Gas to surface in 1 min., good gas blow thru out test, decreasing slightly by end of test. Gas measured 32 MCFPD. Pulled 31 stands (2821') of drill pipe and hit fluid, reversed out. Filled flow line and separator and recovered 18 bbls. clean oil, no water, in tanks, gravity 41.2 corrected. 30 min. ISIP 3080#, PSIP 30 min. 2710#. IFP 225#, FFP 745#, H.P. in & out 3780#.			
1660	3004	1344	Salt	DRILL STEM TEST NO. 2 - 8712-8830':			
3004	3361	357	Sand & anhydrite	4-1/2" drill pipe, 3/4" bottom, 1" top chokes, no water blanket. Tool open 3 mins. Good air blow immediately. Shut in for 30 mins. ISIP. Gas to surface in 17 mins., oil in 3 hrs. Reopened tool in 3 hrs. & 40 mins. no flow. Unseated packer reversed out 32 bbls. oil, no water, gravity 39.9 corrected. Gas estimated 200 MCFPD, throughout test. 30 min. ISIP 3080#, PSIP 2980#, IFP 210#, FFP 1090#.			
3361	4014	653	Dolomite, anhydrite & sand				
4014	4200	186	Sand & anhydrite				
4200	4436	236	Sand				
4436	4780	344	Dolomite & sand				
4780	6645	1865	Dolomite				
6645	7395	750	Sand & dolomite				
7395	7616	221	Lime				
7616	8103	487	Sand				
8103	8724	621	Lime				
8724	9050	326	Lime & shale				
9050 Total Depth							
8900 Plugged Back Total Depth							
Reopened tool for 4 hrs. good air blow immediately. Gas to surface in 17 mins., oil in 3 hrs. & 8 mins., recovered approx. 3 gals oil, no further flow. Reopened tool in 3 hrs. & 40 mins. no flow. Unseated packer reversed out 32 bbls. oil, no water, gravity 39.9 corrected. Gas estimated 200 MCFPD, throughout test. 30 min. ISIP 3080#, PSIP 2980#, IFP 210#, FFP 1090#.							
H.P. in and out 3996# (in) & 4010# (out).							
DRILL STEM TEST NO. 3 - 8942-9050':							
(SEE ATTACHED SHEET)							

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.

Company or Operator Skelly Oil Company Address Box 38 - Hobbs, New Mexico
Name Position Title Dist. Supt.
January 4, 1962 (Date)