

NEW MEXICO OIL CONSERVATION COMMISSION

NUMBER OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
TRANSPORTER	OIL
	GAS
PRODUCTION OFFICE	
OPERATOR	

Santa Fe, New Mexico

BOBBS OFFICE D. C. C.

AUG 14 10 26 AM '64

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.

Shelly Oil Company

(Company or Operator)

State "J"

(Lease)

Well No. 2, in NE 1/4 of NW 1/4, of Sec. 31, T. 17-S, R. 35-E, NMPM.

Vacuna Clarista

Pool,

Lea

County.

Well is 760 feet from North line and 1790 feet from West line

of Section 31. If State Land the Oil and Gas Lease No. is R-1334

Drilling Commenced July 15, 1964 Drilling was Completed July 31, 1964

Name of Drilling Contractor Sharp Drilling Company

Address Box 1271 - Midland, Texas

Elevation above sea level at Top of Tubing Head 3992' BP. The information given is to be kept confidential until

Not Confidential, 19

OIL SANDS OR ZONES

No. 1, from 5900 to 6047 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
8-5/8"	24#	New	1601'	Guide	---	---	Surface
5-1/2"	15.5 #/ft	New	6789'	Float	---	6007 - 6048 (Intervals)	Production

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"	1615'	800	Pump & Plug	---	---
7-7/8"	5-1/2"	6800'	650	Pump & Plug	---	---

RECORD OF PRODUCTION AND STIMULATION

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

Treated through 5-1/2" OB casing perforations 6007 - 6048' (Intervals) with 500 gallons of Dowell 15% Acid.

Result of Production Stimulation Well flowed 210 barrels of oil & 0 barrels of water in 24 hours through 16/64" choke. T.P. 220#.

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 6000 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing August 5, 1964

OIL WELL: The production during the first 24 hours was 210 barrels of liquid of which 99.9% was oil; 0% was emulsion; 0% water; and .1% was sediment. A.P.I. Gravity 35.4°

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	1522'		T. Devonian		T. Ojo Alamo
T. Salt	1632'		T. Silurian		T. Kirtland-Fruitland
B. Salt	2705'		T. Montoya		T. Farmington
T. Yates	2830'		T. Simpson		T. Pictured Cliffs
T. 7 Rivers	3127'		T. McKee		T. Menefee
T. Queen	3695'		T. Ellenburger		T. Point Lookout
T. Grayburg	4053'		T. Gr. Wash		T. Mancos
T. San Andres	4390'		T. Granite		T. Dakota
T. Glorieta	5905'		T. Permian	3057'	T. Morrison
T. Drinkard			T. Padlock	6004'	T. Penn
T. Tubbs			T. Blinberry	6612'	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	1522	1522	Sand & Red Bed				
1522	1632	110	Anhydrite				
1632	2830	1198	Salt				
2830	3127	297	Sand & Anhydrite				
3127	3695	568	Dolomite, Anhydrite & Sand				
3695	3057	162	Sand & Anhydrite				
3057	4053	196	Sand				
4053	4390	297	Dolomite & Sand				
4390	5905	1555	Dolomite				
5905	6004	99	Sand & Dolomite				
6004	6612	608	Sand & Dolomite				
6612	6800	188	Lime				
	6800		Total Depth				
	6764		Plug Back Total Depth				
DRILL STEM TEST NO. 1 - 6622' - 6800' - Blinberry							
5/8" Bottom hole choke, Tool open 5 minutes with weak blow of air and increased to medium blow. Closed tool 1 hour for buildup. Reopened tool with medium blow of air decreasing to bubbles in two hours, left tool open a total of three hours. Closed 1 hour for final buildup. Recovered 75' drilling mud with no show of oil, gas or water. Hydrostatic pressure in and out 3760#, IBIP 4314, IFP 64, FFP 1434, FBIP 3214.							

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.

August 13, 1964
Company or Operator Skelly Oil Company Address Box 730 - Hobbs, New Mexico
Name (ORIGINAL SIGNED) H. E. Aab Title Dist. Supt.