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NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

1963 JAN 10 05

Section 8

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 5 Copies

AREA 640 ACRES
LOCATE WELL CORRECTLY

Skelly Oil Company
(Company or Operator)

Hobbs "H"
(Lease)

Well No. 4, in SW 1/4 of NW 1/4, of Sec. 8, T. 18-S, R. 35-E, NMPM.

Vacuum Abo

Pool,

Lee

County,

Well is 1650 feet from North line and 330 feet from West line

of Section 8. If State Land the Oil and Gas Lease No. is E-6704

Drilling Commenced December 12, 1962. Drilling was Completed February 11, 1963

Name of Drilling Contractor Cactus Drilling Corporation

Address San Angelo, Texas

Elevation above sea level at Top of Tubing Head 3969.5 The information given is to be kept confidential until

Not Confidential, 19

OIL SANDS OR ZONES

No. 1, from 8650 to 8693' No. 4, from to
No. 2, from 8892 to 8994' 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"	35.6#	New	306'	Guide	---	None	Surface
8-5/8"	32#	New	3263'	Guide	---	None	Intermediate
5-1/2"	17#	New	9000'	Guide	---	8912-8956' (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
17-1/4"	13-3/8"	318'	320	Pump & Plug	---	---
11"	8-5/8"	327#	1200	Pump & Plug	---	---
7-7/8"	5-1/2"	9010'	775	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" OD casing perfor. 8912-8956' (Intervals) with 1,000 gallons Mud Acid and 3,000 gallons 15% HCl Acid.

Result of Production Stimulation

Well flowed 94 barrels of oil and 4 barrels of water in 24 hours through 16/64" choke.

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 9010 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing March 1, 1963.

OIL WELL: The production during the first 24 hours was 98 barrels of liquid of which 95.92% was oil; % was emulsion; 4.08% water; and % was sediment. A.P.I. Gravity: 39.5°

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

T. Anhy. 1536'
T. Salt. 1673'
B. Salt. 2874'
T. Yates. 3002'
T. 7 Rivers. 3363'
T. Queen. 4019'
T. Grayburg. 4446'
T. San Andres. 4802'
T. Glorieta. 6787'
T. Drinkard. 8350'
T. Tubbs. 7793'
T. Abo. 8883'
T. Penn.
T. Miss.

Northwestern New Mexico

T. Devonian.
T. Silurian.
T. Montoya.
T. Simpson.
T. McKee.
T. Ellenburger.
T. Gr. Wash.
T. Granite.
T. Penrose. 4204'
T. Clearfork. 7500'
T. Ojo Alamo.
T. Kirtland-Fruitland.
T. Farmington.
T. Pictured Cliffs.
T. Menefee.
T. Point Lookout.
T. Mancos.
T. Dakota.
T. Morrison.
T. Penn.
T.

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	1536	1536	Sand & Red Bed	4446	4802	356	Dolomite & Sand
1536	1673	137	Anhydrite	4802	6787	1985	Dolomite
1673	2874	1201	Salt	6787	7500	713	Sand & Dolomite
2874	3002	128	Anhydrite	7500	7793	293	Lime
3002	3363	361	Sand & Anhydrite	7793	8350	557	Sand
3363	4019	656	Dolomite, Anhy. & Sand	8350	8883	533	Lime
4019	4204	185	Sand & Anhydrite	8883	9010	127	Lime & Shale
4204	4446	242	Sand	9010			Total Depth - FSTD 8965'
<p>Drill Stem Test No. 1 - 8893-8960' - Tool opened through 4-1/2" DP, 3/4" bottom & 1" top chokes. no water blanket with weak air blow, increased to fair blow in 5 mins. Gas to surface in 1 hr. & 25 mins. TSTM. Tool open initially 1 hr., closed for 1 hr., ISP & reopened for 3 hrs. Closed for 1 hr. FSP. Weak gas blow throughout test. Recovered 1 1/2 bbl. drilling mud & drilling water. IFF 20%, 140% in 1 hr. (first opening), MHSIP 2630% after 1 hr., IFF 160%, 230% in 3 hrs. (second opening), MHSIP 2640% in 1 hr. (second opening), NP 3860% in, 3850% out.</p> <p>Drill Stem Test No. 2 - 5/8" bottom & 1" top chokes, 4-1/2" drill pipe, no water blanket. Opened tool 1 hr., weak air blow immediately, fair blow in 10 mins., good blow after 37 mins. Closed tool after 1 hr. for 1 hr. ISP. Reopened for 3 hrs., fair air blow immediately, increasing to good blow in 5 mins., gas to surface in 10 mins., TSTM. Air decreased to fair blow at end of test. Shut in 1 hr. for FSP. Recovered 752' (7-1/2 bbls.) oil & gas cut mud - 55% oil emulsion 5% solids, 40% drilling water & 564' (6bbls.) sulphur water. IFF 185%, 1 hr. FP 330%, first ISIP 2780%, IFF (3 Hrs.) 400%, 3 hrs. FP 515%, PSIP 1 hr. 2750%, NP 4000% in and 3885% out.</p>							

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: Shelly Oil Company
Name: J. E. Shelly
Address: Box 38 - Hobbs, New Mexico
Position or Title: Dist. Supt.
Date: March 6, 1963