

**Santa Fe, New Mexico**

## WELL RECORD

1 APR 7 195

**OL CINCINNATI**

Mail to District Office, Oil Conservation Commission, to which ~~Form E-10~~ <sup>HOBES-1</sup> was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE.

**Skelly Oil Company**

Hardee, N.J.

.....  
(Company or Operator)

-----  
(Lease)

Well No. **7**, in **NW**  $\frac{1}{4}$  of **SW**  $\frac{1}{4}$ , of Sec. **32**, T. **24S**, R. **30E**, NMPM.  
**West Bellarhide Drinkard** **Lea**

Pool, 1998 County,

Well is **2130** feet from **South** line and **510** feet from **West** line

of Section..... If State Land the Oil and Gas Lease No. is.....

Drilling Commenced **February 12,** 19**53** Drilling was Completed **March 24,** 19**53**

Name of Drilling Contractor..... **Howard P. Holmes Drilling Company**

Name of Drilling Contractor.....  
**Hobbs, New Mexico**

Address.....

Elevation above sea level at Top of Tubing Head..... **3154' DF** ..... The information given is to be kept confidential until

Iteration and scale level at top of loading table..... The information given is to be kept confidential until  
**Not Confidential**..... 19.....

No. 1, from <b>6702'</b>	to <b>6724'</b>	No. 4, from <b>6764'</b>	to <b>6768'</b>
No. 2, from <b>6734'</b>	to <b>6748'</b>	No. 5, from	to
No. 3, from <b>6754'</b>	to <b>6760'</b>	No. 6, from	to

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. ....

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
13-3/8"	54.5#	New	239'				
8-5/8"	32#	New	3140'	Flat			
5-1/2"	17 & 15 1/2#	New	6841'	"		6702'-24', 6734-48', 6754-60' & 6764-68'	

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
10"	13-3/8"	250'	250	Halliburton		
12-1/4"	8-5/8"	3150'	1600	"		
7-7/8"	5-1/2"	6850'	450	"		

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

Acidized through 5-1/2" OD casing perforations 6702-6768', with 2500 gallons acid.

Result of Production Stimulation.....After acid treatment well flowed 14 hours 284 bbls. oil. No test taken prior to acid treatment.

**Depth Cleaned Out.....**

WORD OF DRILL-STEM AND SPECIAL TEST

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

FOR DRILL-STEM TEST AND SHEET ATTACHMENT

TOOLS USED

Rotary tools were used from 0 feet to 6050 feet, and from feet to feet.

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

PRODUCTION

Put to Producing April 1, 1953

OIL WELL: The production during the first 24 hours was 486.90 barrels of liquid of which 100% was oil; % was emulsion; % water; and % was sediment. A.P.I. Gravity 38° Corrected

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.	1163'		T. Devonian		T. Ojo Alamo
T. Salt	1295'		T. Silurian		T. Kirtland-Fruitland
B. Salt	2520'		T. Montoya		T. Farmington
T. Yates	2648'		T. Simpson		T. Pictured Cliffs
T. 7 Rivers			T. McKee		T. Menefee
T. Queen	3578'		T. Ellenburger		T. Point Lookout
T. Grayburg	3760'		T. Gr. Wash.		T. Mancos
T. San Andres	3960'		T. Granite		T. Dakota
T. Glorieta	5184'		T.		T. Morrison
T. Drinkard	6348'		T.		T. Penn.
T. Tubbs	5988'		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'	1163'	1163'	Red Bed, Sand & Caliche				
1163	2520	1357	Anhydrite & Salt				
2520	3148	628	Anhydrite & Gyp				
3148	6050	2902	Lime				

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.

Hobbs, New Mexico April 7, 1953

Company or Operator Shelly Oil Company

Address Box 38 - Hobbs, New Mexico

Name J. A. D. [Signature]

Position or Title Dist. Supt.

Hobbs, New Mexico  
April 7, 1953

SEE FORM C-105 ATTACHED

MEXICO "J" LEASE WELL NO. 7 - Operated by Skelly Oil Company

REPORT OF DRILL STEM TESTS

D.S.T. No. 1 - 6393-6510':

1" bottom, 1" top chokes, 4½" drill pipe.

Tool open 4 hours with good blow of air. Gas to surface in 30 minutes, testing at rate of 15.4 MCF/day. No fluid to surface.

Pulled 4½" drill pipe and recovered 2800' of gassy oil, estimated to be 1400' of clean oil, 180' of O&GCM est. 30% oil and 360' of drilling mud. Mud on top of tool had a mk salty taste. H.P. in and out 3175#, F.P. 190-725#, 1-Hour BHBU 2235#.

D.S.T. No. 2 - 6520-6675':

1" bottom, 1" top chokes, 4½" drill pipe.

Tool open 4 hours with good blow of air immediately and continued as fair blow.

Gas to surface in 40 Mins. and tested at rate of 15.6 MCF/day. No fluid to surface.

Pulled 4½" drill pipe and recovered 900' of O&GCM Est. 50% oil. No show of water. H.P. in and out 3242#, F.P. 90-328#, 30-Min. BHBU 1860#.

D.S.T. No. 3 - 6695-6820':

1" bottom, 1" top chokes, 4½" drill pipe.

Tool open 6 hours and 30 minutes.

Gas to surface in 30 minutes. Oil to surface in 3 hours and 30 minutes.

Flowed a total of 32 Bbls. oil by heads in next 3 hours. Reversed 15 Bbls. oil out of 4½" drill pipe. H.P. in and out 3275#, F.P. 235-360#, 30-Min. BHBU 1525#.

No show of water on top of tool. Gas tested 59 MCF/day, shakeout 4/10 of 1% drilling mud, corrected gravity 38.0.

Hobbs, New Mexico  
April 7, 1953

NO. 10-105 ATTACHED

Well No. 10-105 - operated by Shell Oil Company

REPORT OF DRILL LOGS

D. L. T. No. 1 - 6323-63101

1" bottom, 1" top chokes, 4 1/2" drill pipe.  
Took open 4 hours with good flow of air. Gas to surface in 30 minutes, testing  
at rate of 12.4 MCF/day. No fluid to surface.  
4 1/2" drill pipe and recovered 2800' of casing oil, estimated to be 1000' of  
oil. 30% oil and 70% of drilling mud. Mud on top of  
hole had a xx salty taste. H.F. in and out 3175, P.P. 19-122, 1-hour 1880.

D. L. T. No. 2 - 6320-63151

1" bottom, 1" top chokes, 4 1/2" drill pipe.  
Took open 4 hours with good flow of air. Gas to surface in 30 minutes, testing  
at rate of 12.4 MCF/day. No fluid to surface.  
4 1/2" drill pipe and recovered 2800' of casing oil, estimated to be 1000' of  
oil. 30% oil and 70% of drilling mud. Mud on top of  
hole had a xx salty taste. H.F. in and out 3215, P.P. 20-122, 30-min. 1880.

D. L. T. No. 3 - 6322-63201

1" bottom, 1" top chokes, 4 1/2" drill pipe.  
Took open 6 hours and 30 minutes.  
Gas to surface in 30 minutes. Oil to surface in 3 hours and 30 minutes.  
Flowed a total of 32 Bbls. all by means in next 3 hours. Recovered 12 Bbls. oil  
out of 4 1/2" drill pipe. H.F. in and out 3275, P.P. 235-260, 30-min. 1880.  
A show of water on top of hole. Gas tested 22 MCF/day, showed 4/10 of 1  
drilling mud, corrected gravity 38.0.