



NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico  
HOBBBS OFFICE 030

WELL RECORD AM 10:05

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)

Hobbs "A"

(Lease)

Well No. 6, in SW 1/4 of NW 1/4 of Sec 30, T 25-S, R 38-E, NMPM.

Undesignated & Wildest

Pool, Lea County.

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

of Section 30. If State Land the Oil and Gas Lease No. is B-9521

Drilling Commenced June 5, 1959 Drilling was Completed July 28, 1959

Name of Drilling Contractor Warren-Bradshaw Exploration Co.

Address Tulsa, Oklahoma

Elevation above sea level at Top of Tubing Head 3079' DF

Not confidential

The information given is to be kept confidential until

OIL SANDS OR ZONES

No. 1, from 5098' to 5568' No. 4, from to

No. 2, from 5837' to 5915' 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" OD	44.5#	New	325'	Float	-	-	Surface
9-5/8" OD	36#	New	3137'	Float	-	-	Intermediate
7" OD	23#	New	7068'	Float	-	5373-5547' 5837-5879'	Oil String

(Intervals)

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
17-1/2"	13-3/8"	340'	300	Halliburton	-	-
12-1/4"	9-5/8"	3150'	1600	Halliburton	-	-
8-3/4"	7"	7060'	700	Halliburton	-	-

RECORD OF PRODUCTION AND STIMULATION

Well #6 Dual Completion

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

Blinebry Zone - Fractured through perfs. 5373-5547' (Intervals) W/ 30,000 gals. oil and 25,000# sand by Dowell, Inc.

Tubbs Zone - Acidized through perfs. 5837-5879' (Intervals) W/ 500 gals. Mud Acid then fractured W/ 18,000 gals. oil & 14,000# sand by Dowell, Inc.

Result of Production Stimulation Blinebry Zone - Well flowed 1129 bbls. new oil in 22 hrs. through 24/64" choke, T.P. 350#, C.P. 200#. Corrected gravity 38°. Well put to producing

Sept. 14, 1959. (Tubbs 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 8325 feet, and from feet to feet.  
Cable tools were used from feet to feet, and from feet to feet.

Tubing Zone

PRODUCTION

Put to Producing August 9, 1959

OIL WELL: The production during the first 17 hours was 226 barrels of liquid of which 99.9% was oil; % was emulsion; % water; and .1% was sediment. A.P.I. Gravity 38°

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.	833'	T. Devonian	
T. Salt	957'	T. Silurian	
B. Salt	2210'	T. Montoya	7020'
T. Yates	2336'	T. Simpson	7354'
T. 7 Rivers	2633'	T. McKee	7702'
T. Queen	3087'	T. Ellenburger	8274'
T. Grayburg	3390'	T. Gr. Wash.	
T. San Andres	3639'	T. Granite	
T. Glorieta	4716'	T. Pennrose	3217'
T. Drinkard	6006'	T. Blinberry	5085'
T. Tubbs	5794'	T.	
T. Abo		T.	
T. Penn.		T.	
T. Miss.		T.	

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	833	833	Sand & redbeds				
833	957	124	Anhydrite				
957	2210	1253	Salt				
2210	2336	126	Anhydrite				
2336	2633	297	Sand & anhydrite				
2633	3087	454	Dolomite, anhydrite & sand				
3087	3217	130	Sand & anhydrite				
3217	3390	173	Sand				
3390	3639	249	Dolomite & sand				
3639	4716	1077	Dolomite				
4716	5085	369	Sand & dolomite				
5085	5794	709	Lime				
5794	6006	212	Sand				
6006	7020	1014	Lime				
7020	7354	334	Dolomite				
7354	7702	348	Sand & shale				
7702	8274	572	Sand				
8274	8325	51	Dolomite				
	8325		Total Depth Drilled				
	5920		Plugged Back Total Depth				

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, 1959  
(Date)

Company or Operator Skelly Oil Company

Address Box 38 - Hobbs, New Mexico

Name J. A. Ammons

Position or Title Dist. Supt.

HOBBS "A" WELL NO. 6 - DRILL STEM TESTS:

D.S.T. No. 1 - 5364-5530':

5/8" BHC, 1" THC. Tool open 3-1/2 hrs. with good blow of air. Gas to surface in 14 mins. and continued as a good blow throughout test. Gas tested 22 MCFPD. Pulled 4-1/2" OD DP and recovered 630' O&GCM est. 25% oil, 270' O&GCM est. 50% oil and 540' clean oil, no water. H.P. in and out 2640#. 15 min ISIP 2040#, 20 min FSIP 1380#. IFP 220#, FFP 460#.

D.S.T. No. 2 - 5820-5960':

5/8" BHC, 1" THC. Tool open 4 hrs. & 45 mins. with good blow of air. Gas to surface in 7 mins. continued throughout test at the rate of 135 MCFPD. Oil to surface in 3 hrs. & 45 mins. flowed 5 bbls. oil in 1 hr. Reversed out 21 bbls. oil. Pulled 4-1/2" OD DP and recovered 90' of free oil, no water, below circulating sub. Corrected gravity 36°. H.P. in and out 3020#, 15 min. ISIP 2640#, FSIP 2100#. IFP 220#, FFP 720#. Temp. 140°.

D.S.T. No. 3 - 6870-6990':

5/8" BHC, 1" THC. Tool open 3 hrs. with fair blow of air for 5 mins. then declined to weak blow and continued as a weak blow and continued as a weak blow during remainder of test. Pulled 4-1/2" OD DP and recovered 120' of drilling mud. No shows of oil, gas or water. H.P. in and out 3460#. 20 min. ISIP 220#, 20 min. FSIP 100#. IFP 80#, FFP 90#. Temperature 148°.

D.S.T. No. 4 - 7025-7145':

5/8" BHC, 1" THC. Tool open 3 hrs. with good blow of air. Good blow of gas to surface in 7 mins. gradually declined to a very light blow after 1 hour and continued as a very light blow during remainder of test. Pulled 4-1/2" OD DP and recovered 150' of GCM, 360' O&GCM est. 10% oil, 120' of mud cut oil est. 25% mud and 75% oil and 120' of black salty sulphur water. H.P. in and out 3400#. 20 min. ISIP 2800#, 20 min. FSIP 480#. IFP 220#, FFP 340#. Temperature 152°.

D.S.T. No. 5 - 7764-7833':

5/8" BHC, 1" THC. Opened tool and did not have blow of air. Let set 30 mins., bypassed and had 3 bubbles of air and died. Left tool open a total of 3 hrs. Pulled 4-1/2" OD drill pipe and recovered 120' of drilling mud. No shows of oil, gas or water. H. P. in and out 4070#. 15 min. ISIP 80#, 15 min. FSIP 100#. IFP 80#, FFP 80#. Temperature 122°.

D.S.T. No. 6 - 7803-7920':

5/8" BHC, 1" THC. Tool open 3 hrs. with weak blow of air for 7 mins. and died. Pulled 4-1/2" OD drill pipe and recovered 130' of drilling mud. No shows of oil, gas or water. H.P. in and out 4020#. 15 min. ISIP 90#, 15 min. FSIP 80#. IFP 50#, FFP 50#. Temperature 160°.

D.S.T. No. 7 - 8260-8300':

5/8" BHC, 1" THC. Tool open 3 hrs. with good blow of air for 20 mins. then declined to a weak blow and continued as a weak blow during remainder of test. No gas to surface. Pulled 4-1/2" OD Drill pipe and recovered 3000' of gas in pipe and 90' of drilling mud with slight rainbow show of oil in last 30'. No show of water. 15 min. ISIP 1180#, 15 min. FSIP 220#. IFP 50#, FFP 80#. H.P. in and out 4400#. Temperature 162°.

D.S.T. No. 8 - 8300-8325':

5/8" BHC, 1" THC. Tool open 3 hrs. with good blow of air. Light blow of gas surfaced in 2 hrs. and 40 mins. continued as light blow during remainder of test. Pulled 4-1/2" OD drill pipe and recovered 3' of oil, 90' of slightly oil & gas-cut mud, and 2337' of salty sulphur water. H.P. in and out 4200#. 15 min ISIP 3000#, FSIP 2960#. IFP 110#, FFP 1140#. Temperature 158°.

## THEORY OF THE EARTH

The theory of the earth is a branch of geology which deals with the origin and development of the earth and its various parts. It is a science which seeks to explain the processes which have shaped the earth and its features, and to determine the time and sequence of these processes.

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