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Checked 7/1/64
(Form C-101)

HOBBS OFFICE O. C. C.
NEW MEXICO OIL CONSERVATION COMMISSION

Jun 15 1964
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

The British-American Oil Producing Company
(Company or Operator)

North Wilson Deep Unit
(Lease)

Well No. 1, in SW $\frac{1}{4}$ of SE $\frac{1}{4}$, of Sec. 31, T. 20-S, R. 36-E, NMPM.

Undesignated

Pool

Lea

County

Well is 660 feet from south line and 1980 feet from east line

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

Drilling Commenced 1-1-64, 1964 Drilling was Completed 4-22, 1964

Name of Drilling Contractor Delta Drilling Company

Address P. O. Box 866, Odessa, Texas

Elevation above sea level at Top of Tubing Head 3640
6-15, 1964 The information given is to be kept confidential until

OIL SANDS OR ZONES

No. 1, from 7,888 to 7,901 No. 4, from to
No. 2, from 10,094 to 10,122 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 None 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"	48	New	316'	Guide	- - -	- - - -	Surface
9-5/8"	36 & 40	New	5349'	Float	- - -	- - - -	Intermediate
7"	32 & 35	New	11,985'	Float	- - -	7888 - 7901	Production
						10,094 - 10,122	

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"	316	325 sacks	Plug	1.0	Water
12-1/4	9-5/8"	5349	5257 cu. ft.	Plug	1.21	4000 Bbl.
8-3/4	7"	11,985	1165 sacks	Plug	1.48	6000 Bbl.

RECORD OF PRODUCTION AND STIMULATION

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

7888' - 7901' - treat with 2000 gallons acid

10,094' - 10,122' - treat with 2000 gallons acid

Result of Production Stimulation 10,094 - 10,122' - Flowed load oil back, then swabbed 148 Bbl. new oil and 116 Bbl. acid water and salt water.

7888 - 7901 - Received load and 84 barrels new oil in 8 hrs. Depth Cleaned Out 11,755 PBD

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 12,725 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing June 9, 1964
OIL WELL: The production during the first 24 hours was 238.26 barrels of liquid of which 100 % was oil; 0 % was emulsion; 0 % water; and 0 % was sediment. A.P.I. Gravity 26° API
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. 1775 (+1878)	T. Devonian 12,668 (-9015)	T. Ojo Alamo	
T. Salt 1900 (+1753)	T. Silurian	T. Kirtland-Fruitland	
B. Salt 3360 (+ 293)	T. Montoya	T. Farmington	
T. Yates 3563 (+ 90)	T. Simpson	T. Pictured Cliffs	
T. 7 Rivers 3844 (- 191)	T. McKee	T. Menefee	
T. Queen	T. Ellenburger	T. Point Lookout	
T. Grayburg	T. Gr. Wash.	T. Mancos	
T. Delaware 5356 (-1703)	T. Granite	T. Dakota	
T. Glorieta		T. Morrison	
T. Drinkard		T. Penn.	
T. Bone Springs 7723 (-4070)			
T. Bone Springs 10,333 (-6680)			
T. Bone Springs Sand 10,606 (-6953)			
T. Penn. 11,844 (-8191)			
T. Miss.			

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	1775	1775	Red beds				
1775	1900	125	Anhy.				
1900	3360	1460	Salt				
3360	3860	500	Shale and Anhy.				
3860	5350	1490	Dolomite and sand				
5350	7750	2400	Sand and dolomite (Delaware)				
7750	10350	2600	Lime and sand (Bone Springs)				
10350	10840	490	Lime (U. Penn)				
10840	11850	1010	Shale, lime and sand (Atoka and Morrow)				
11850	12490	640	Limestone (Miss.)				
12490	12670	180	Shale (Woodford)				
12670	12725	55	Dolomite (Devonian)				

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.

Signature: M. C. Steindorf, Jr. Date: June 12, 1964
Company or Operator: The British-American Oil Prod. Co. Address: P. O. Box 474 Midland, Texas
Name: M. C. Steindorf, Jr. Position or Title: District Engineer

Deviation record was sent June 11, 1964 with Forms C-110 and C-103.

- DST No. 1 7886-7912 - GTS in 8 min. TSTM; Tool open 60 min. Rec. 3870', 26° API oil, no water. ISIP - 3585; IFP - 538; FFP - 1409; FSIP - 3258; 157° F.
- DST No. 2 8790 - 8822 - Tool open 60 min. Recovered 60' drilling mud. ISIP - 29; IFP - 29; FFP - 36; FSIP - 44; 170° F.
- DST No. 3 10,010 - 10,052 - GTS in 95 min., TSTM. Tool open 2-1/2 hours. Recovered 1950', 33° oil and 4000' water. ISIP - 4178; IFP - 838; FFP - 2484; FSIP - 4163; 190° F.
- DST No. 4 10,095 - 10,130 - GTS in 4 min., at rate of 30 mcfpd. Tool open 2-1/2 hours. Recovered 9300', 33° API oil and 385' salt water. ISIP - 4176; IFP - 894; FFP - 2256; FSIP - 2736; 180° F.
- DST No. 5 10,136 - 10,162 - Tool open 2 hours. Recovered 440' oil and gas cut mud, estimated 5% oil. ISIP - 1236; IFP - 152; FFP - 203; FSIP - 1616.
- DST No. 6 12,674 - 12,725 - Tool open 2-1/2 hours. Recovered 1080' water blanket, 1080' salt water cut mud, 1000' muddy salt water, and 5515' salt water with a slight trace of oil and gas.
- DST No. 7 9902 - 10,058 - To test squeeze job on perforations 10,038-10,058. Tool open 30 min. Recovered 10' salt water. IFP - 23; FFP - 46; FSI - 208; 190° F.