



NEW MEXICO OIL CONSERVATION COMMISSION  
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 QUINTUPPLICATE.

AREA 640 ACRES  
LOCATE WELL CORRECTLY

Continental Oil Company

Ball Lake Unit

(Company or Operator)

(Lease)

Well No. 1, in SE  $\frac{1}{4}$  of SW  $\frac{1}{4}$  of Sec. 31, T. 23S, R. 34E, NMPM.  
Wildcat Pool, Lee County.

Well is 3200 feet from East line and 660 feet from South line of Section 31.

If State Land the Oil and Gas Lease No. is \_\_\_\_\_.

Drilling Commenced October 19, 19 53 Drilling was Completed March 13, 19 54.

Name of Drilling Contractor Helmreich & Payne, Inc.

Address Tulsa, Oklahoma

Elevation above sea level at Top of Tubing Head 3462. The information given is to be kept confidential until \_\_\_\_\_, 19 \_\_\_\_\_.

OIL SANDS OR ZONES

No. 1, from \_\_\_\_\_ to \_\_\_\_\_ 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
13 3/8	48 1/2	New	66 1/2	Guide			
9 5/8	40 1/2	New	31 1/2	Guide shoe &			
9 5/8	40 1/2	New	19 1/2	Float collar			

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
37 3/4	13 3/8	685'	650	Pump & Plug		
32 1/2	9 5/8	5269'	1538	Pump & Plug		

RECORD OF PRODUCTION AND STIMULATION

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

(See Attached Sheet)

Result of Production Stimulation \_\_\_\_\_  
\_\_\_\_\_

Depth Cleaned Out \_\_\_\_\_

RD OF DRILL-STEM AND SPECIAL TE

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 12,616 feet, and from feet to feet.  
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing, 19

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

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.	T. Devonian	T. Ojo Alamo
T. Salt	T. Silurian	T. Kirtland-Fruitland
B. Salt	T. Montoya	T. Farmington
T. Yates	T. Simpson	T. Pictured Cliffs
T. 7 Rivers	T. McKee	T. Menefee
T. Queen	T. Ellenburger	T. Point Lookout
T. Grayburg	T. Gr. Wash.	T. Mancos
T. San Andres	T. Granite	T. Dakota
T. Glorieta	T. Escalante Anhydrite	T. Morrison
T. Drinkard	T. Castile	T. Penn.
T. Tubbs	T. Delaware Lime	T.
T. Abo	T. Delaware Sand	T.
T. Penn.	T. Penn. Spring	T.
T. Miss.	T. Wolfcamp	T.

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	1280	1280	Bedrock.	10,700	10,760	240	Lime, Shale & Sand.
1280	1350	70	Anhydrite & Red Shale.	10,760	11,310	550	Lime & Shale.
1350	1480	130	Dolomite & Anhydrite.	11,310	11,930	620	Lime, Shale & Sand.
1480	1630	150	Anhydrite & Red Shale.	11,930	12,030	100	Shale.
1630	1900	270	Dolomite, Anhydrite & Sand.	12,030	12,230	200	Dolomite, Lime & Shale.
			Shale.	12,230	12,570	340	Lime, Shale & Gort.
1900	2070	170	Anhydrite & Red Shale.	12,570	12,616	46	Lime & Shale.
2070	2720	650	Salt.	12,616			Lime, Shale & Sand.
2720	3220	500	Anhydrite, Shale & Salt.				Missing.
3220	3620	400	Salt.				
3620	3950	330	Anhydrite & Salt.				
3950	4730	780	Salt.				
4730	4920	190	Anhydrite & Salt.				
4920	4960	40	Salt.				
4960	4980	20	Anhydrite & Sand.				
4980	5090	110	Salt.				
5090	5210	120	Anhydrite, Dolomite & Shale.				
5210	5680	470	Lime.				
5680	6670	990	Lime, Shale & Sand.				
6680	7040	360	Lime.				
7040	7720	680	Lime & Shale.				
7720	8720	1000	Lime, Shale, Gort.				
8720	10,030	1310	Lime, Shale & Sand.				
10,030	10,530	500	Missing.				

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 26, 1964 (Date)  
Company or Operator Continental Oil Company Address Box 127, Hobbs, New Mexico  
Name Position or Title District Superintendent

On March 13, 1954, subject well blew out and caught fire. After extinguishing fire, several attempts were made to kill well. On May 3, 1954, well was killed by pumping 3,200 bbls. 12# mud with lost circulation material down annulus between drill pipe and casing, followed with 5,050 sacks cement. Cement returned to surface.

A 4" marker has been erected and location has been restored to its original condition. Plugging started: May 3, 1954. Plugging completed: May 17, 1954

#### Casing Record

<u>Description</u>	<u>Amount Run</u>	<u>Amount Pulled</u>	<u>Amount Left in Hole</u>
13 3/8" OD 48# H-40 Smls. casing	681' 0"	0	681' 0"
9 5/8" OD 40# N-80 Smls. casing	316' 0"	0	316' 0"
9 5/8" OD 40# J-55 Smls. casing	4938' 0"	0	4938' 0"
(30" 119 # electric well casing	20' 0"	0	20' 0"
*(16" OD 62.58# P.E. casing	26' 0"	0	26' 0"
(11 3/4" OD 47# J-55 casing	235' 0"	0	235' 0"

\*Used to extinguish fire.

DST #1, 5209-5416', Delaware, open 45 minutes, blow of air for 45 minutes. Recovered 2000' salt water. FP 935#, SIP 1800#.

DST #2, 6360-6573', Delaware, open 1 1/2 hours, light blow air. Recovered 630' mud. No show. FP 60-320#, SIP 1880#.

DST #3, Delaware, 6820-6860', open 2 hours, blow air for 55 minutes. Recovered 100' slight oil and gas-cut mud, no water. FP 0#, SIP 250#.

DST #4, 6938-6971', Delaware, open 5 1/2 hours, weak blow air increasing to strong blow in 15 minutes. Gas in 4 hours, 10 minutes. Recovered 720' heavy oil and gas-cut mud, (black heavy oil) with trace salt water on bottom. FP 0-275#. SIP 2100#.

DST #5, 8205-8230', Delaware, open 2 hours, light blow air. Recovered 30' mud. FP 0#, SIP 425#.

DST #6, 8735-8790', Bone Spring Lime, open 2 hours, gas in 10 minutes, measured 240 MCF. Recovered 2500' free oil and 120' heavy oil and gas-cut mud, no water. FP 1200-1750#. SIP 3625#.

DST #7, 8790-8856', Bone Spring Lime, open 1 hour, light blow air for 50 minutes. Recovered 25' mud, very light cut with oil and gas. FP 0#. SIP 0#.

DST #8, 9473-9530', Bone Spring Lime, open 1 hour, light blow air for 1 hour. Recovered 10' mud, no shows. FP 0#. SIP 0#.

DST #9, 9958-9988', Bone Spring Lime, open 2 hours, light blow air throughout. Recovered 30' slight gas-cut mud. FP 0#. SIP 0#.

DST #10, 10,874-10,914', Bone Spring Lime, open 2 hours, 15 minutes. Light blow air for 2 hours and 15 minutes. Recovered 200' heavy oil and gas-cut water blanket, 200' mud-cut water blanket. FP 1280#. SIP 1280#.