

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

APR 10 1953

OIL CONSERVATION COMMISSION

Mail to District Office, Oil Conservation Commission, to which Form G-101 was sent, not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE.

AREA 640 ACRES
LOCATE WELL CORRECTLY

Continental Oil Company
(Company or Operator)

Anderson Ranch Unit
(Lease)

Well No. 1 in SW $\frac{1}{4}$ of NE $\frac{1}{4}$ of Sec. 11, T. 16S, R. 22E, NMPM.

附錄 10

Pool, 100

..County.

Well is 1910 feet from North line and 1980 feet from East line

of Section 31 If State Land the Oil and Gas Lease No. is B-6191

Drilling Commenced June 9, 1922 Drilling was Completed May 26, 1923

Name of Drilling Contractor.....Carl E. King Drilling Company

Address Midland, Texas

Elevation above sea level at Top of Tubing Head 4315' (13' DP) The information given is to be kept confidential until

....., 19.....

OIL SANDS OR ZONES

No. 1, from 13.374 to 13.474 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"	50#	Used	377.43	Guides			
9 5/8"	26#	New	39.70	Guides, shoe & float		sollar	
9 5/8"	40#	New	261.08				
7"	26#	New	5,973.91			13,374 to 13,400	Production
7"	27#	New	1,387.21			13,408 to 13,474	Production
7"	34#	New	2,928.89				
5" Miner	17.93#	New	1,313.82				

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"	373'	350	Pump & plug		
12	9 5/8"	4,189'	2,600	Pump & plug		
8 3/4	7"	12,250'	1,150	Pump & plug		
6	5"	13,542	100			

(L-722)

RECORD OF PRODUCTION AND STIMULATION

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

See attached sheets

Result of Production Stimulation.....

..Depth Cleaned Out.....

CORD 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 13,775 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing April 4, 1953
OIL WELL: The production during the first 24 hours was 3968 barrels of liquid of which 100 % was oil; % was emulsion; % water; and % was sediment. A.P.I. Gravity 52.8
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.	13,365
T. Salt.		T. Silurian.	
B. Salt.		T. Montoya.	
T. Yates.		T. Simpson.	
T. 7 Rivers.		T. McKee.	
T. Queen.		T. Ellenburger.	
T. Grayburg.		T. Gr. Wash.	
T. San Andres.		T. Granite.	
T. Glorieta.	5,696	T.	
T. Drinkard.		T.	
T. Tubbs.	6,855	T.	
T. Abo.	7,595	T.	
T. Penn.	10,631	T.	
T. Miss.	12,700	T.	

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	1250	1250	Sand and Red beds				
1250	4200	2950	Anhydrite and Red beds				
4200	9000	4800	Dolomite and shale				
9000	10800	1800	Lime				
10800	12700	1900	Shale, lime and sand				
12700	13370	670	Lime, shale				
13370	13773	403	Dolomite				

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.

April 10, 1953

(Date)

Company or Operator Continental Oil Company

Address Box 427, Hobbs, New Mexico

Name [Signature]

Position or Title District Superintendent

Anderson-Manch Unit #1

Total depth 13,775, plugged back total depth 13,508'. On initial potential flowed 492 barrels of 54° gravity oil and trace 382# in 6 hours, thru 30/64" choke on 2 1/2" tubing for a daily potential of 1,968 barrels oil, no water. Gas volume 489 MCF per day. GOR 243, 3P 300-2000, TP 700-800#. Well was not shot. Well was acidized with 1500 gallons from 13,374 to 13,400'; 13,408 to 13,474'.

Drill stem test #1, from 4650 to 4807 in San Andres. Tool open 45 minutes, light blow air for 5 minutes. Recovered 30' drilling fluid. Flowing pressure 0#, 15 minute shut in pressure 0#. Hydrostatic pressure 2250#.

Drill stem test #2, from 8,935 to 9,049 in Hueco formation. Tool open one hour, slight blow for 50 minutes then well died. Recovered 25' drilling mud. Flowing pressure 0#, 15 minute shut in pressure 0#, hydrostatic pressure 4225#, temperature 122°.

Drill stem test #3, from 9525 to 9620, Permian-Pennsylvanian formation, tool open 1 1/2 hours, recovered 900' drilling mud, no oil, gas or water. Flowing pressure 0#, hydrostatic pressure 4250#.

Drill stem test #4, from 9750 to 9834, Pennsylvanian formation, tool open 3 1/2 hours, gas to surface in 6 minutes, fluid in 55 minutes. Well flowed 28 barrels oil, no water in one hour after cleaning up to pits for one hour and 35 minutes. 395.6 MCF gas, flowing pressure 1150#, shut-in pressure 3600#, hydrostatic pressure 5000#, GOR 1356, 662 barrels oil per day, gravity 42.5°.

Drill stem test #5, from 9834 to 9904, Pennsylvanian formation, tool open 2 hours, gas in 10 minutes with light blow gas throughout test. Recovered 120' free oil, 450' heavily oil and gas-cut mud, 30' salt water. Flowing pressure 325#, 30 minute shut-in pressure 1400#, hydrostatic pressure 5100#.

Drill stem test #6, from 10,230 to 10,312, Pennsylvanian formation, tool open 1 1/2 hours, light blow of air through out test. Recovered 4770' of sulphur water slightly gas-cut. No show of oil. Flowing pressure 350# to 2350#, 15 minute shut in BHP 3600#, hydrostatic pressure 5000#.

Drill stem test #7, from 10,809 to 10,934, Pennsylvanian formation, tool open 35 minutes, light blow of air for 10 minutes. Recovered 2000' water blanket and 15' drilling mud. Temperature 137°, flowing pressure 1000# with 20 minute shut-in pressure 1250#, hydrostatic pressure 5250#.

Drill stem test #8, from 12,141 to 12,170, Lower Pennsylvanian formation, Started in hole with test tool, after running 27 stands, started water blanket in the hole. Well started to unload, pulled test tool and 68 stands. Attempted to kill well w/14# mud without success. Pumped approximately 400 barrels water in hole trying to kill well. Made connection off the 9 5/8" spool to run two 2" lines to pit. *BURNED RIG DOWN*

Drill stem test #9, from 12,435 to 12,576, Mississippian formation, drill pipe leaked, failed to get test. Pulled tool.

Drill stem test #10, from 12,435 to 12,578, Mississippian formation, tool open 2 hours, gas to surface 1 hour 25 minutes, small amount. Recovered 3510' gas-cut drilling mud. Flowing pressure 1075# to 1175#, shut in BHP

15 minutes 3350#, hydrostatic pressure in 6650#, hydrostatic pressure out 6425#.

Drill stem test # 11, Devonian formation, packers failed to hold, pulled tool.

Drill stem test #12, Devonian formation, from 13,371 to 13,395, packers failed to hold, pulled tool.

Drill stem test #13, Devonian formation, from 13,253 to 13,408, tool open 13 hours, 5 minutes. Gas to surface in one hour 22 minutes, fluid in one hour 23 minutes, 2500° water blanket used. After cleaning to pits for 42 minutes, well flowed 409 barrels oil, no water, in 11 hours on 1" choke, 54° gravity oil, with 613 MCF gas per day, GOR 687, flowing pressure 2575-4050#, one hour shut in BHP 5275#, hydrostatic pressure 7125#.

Drill stem test #14, Devonian formation, from 13,415 to 13,513', tool open 4 hours, had small amount of gas to surface in 3 hours. Recovered 10,000' oil and gas plus 2500° water blanket. Flowing pressure 1400# to 3650#, 15 minute shut in BHP 5100#, hydrostatic pressure 7750#.

Drill stem test #15, Devonian formation, from 13,550 to 13,642', tool open 1 hour 45 minutes, light blow of air for 1 hour 25 minutes, then died. Recovered 315° light gas cut drilling mud and 2,500° water blanket. Flowing pressure 1350#, 15 minute SI BHP 4000#, hydrostatic pressure 7400#.

Drill stem test #16, Devonian formation, from 13,635 to 13,775', tool open 2 1/4 hours, light blow air throughout test, pretty weak at end. Recovered 9,000° salt water plus 2500° water blanket. Flowing pressure 1675# to 5425#, 15 minute shut-in BHP 5550#, hydrostatic pressure 7275#.