



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 QUINTUPLICATE. If State Land submit 6 Copies

AREA 640 ACRES  
LOCATE WELL CORRECTLY

Cabot Carbon Company H. L. Lowe "B"  
(Company or Operator) (Lease)  
Well No. 1 in SE  $\frac{1}{4}$  of SE  $\frac{1}{4}$  of Sec. 26, T. 13-S, R. 37-E, NMPM.  
King-Devonian Pool, Lea County.  
Well is 467 feet from South line and 850 feet from East line  
of Section 26. If State Land the Oil and Gas Lease No. is \_\_\_\_\_  
Drilling Commenced May 17, 1957 Drilling was Completed August 1, 1957  
Name of Drilling Contractor A. W. Thompson, Inc.  
Address Box 992, Odessa, Texas  
Elevation above sea level at Top of Tubing Head 3859 The information given is to be kept confidential until \_\_\_\_\_, 19\_\_\_\_

OIL SANDS OR ZONES

No. 1, from 9290 to 9,460 No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from 10,150 to 10,190 No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from 12,150 to 12,437 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#	New	381	Baker	-	-	Surface
8-5/8"	21# & 32#	New	4,615	Baker	-	-	Intermediate
5-1/2"	17#, 20#, 23#	New	12,320	Howco	-	12,277-12,307	Oil string
2" EUE	4.70#	New	12,291	-	-	-	Production Tbg.

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"	13-3/8"	381	400	Howco	-	-
11"	8-5/8"	4615	2450	Howco	-	-
7-7/8"	5-1/2"	12,320	700	Howco	-	-

RECORD OF PRODUCTION AND STIMULATION

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

Open hole 12,320' - 12,437' was treated with 500 gal. mud acid before being plugged off.  
Perforated interval was not treated, well completed natural.

Result of Production Stimulation No oil or gas produced.

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

# RD 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

## TOOLS USED

Rotary tools were used from 0 feet to 12,437 feet, and from feet to feet.  
Cable tools were used from feet to feet, and from feet to feet.

## PRODUCTION

Put to Producing August 9, 1957

OIL WELL: The production during the first 24 hours was 624 barrels of liquid of which 100 % was  
was oil; 0 % was emulsion; 0 % water; and 0 % was sediment. A.P.I.  
Gravity 47°

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.	2210	T. Devonian.	12154
T. Salt.	2310	T. Silurian.	
B. Salt.	3070	T. Montoya.	
T. Yates.	3140	T. Simpson.	
T. 7 Rivers.		T. McKee.	
T. Queen.	3970	T. Ellenburger.	
T. Grayburg.		T. Gr. Wash.	
T. San Andres.	4575	T. Granite.	
T. Glorieta.	6054	T.	
T. Drinkard.		T.	
T. Tubbs.	7325	T.	
T. Abo.	8000	T.	
T. Penn.		T.	
T. Miss.	11870	T.	

## FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	320	320	Caliche, Sand & Lime	12030	12154	124	Gry. Ben. & Black Shale
320	2210	1890	Red Beds	12154	12437	283	Dolomite
2210	2310	100	Anhydrite				
2310	3070	760	Salt				
3070	4575	1505	Anhydrite w/sand, Shale & Dolomite Stringers.				
4575	6054	1479	Dolomite & Lime w/shale Stringers.				
6054	6750	696	Dolomite, Anhydrite, Shale & Lime.				
6750	7325	575	Dolomite Sil. Cherty				
7325	7485	160	Sand & Dolomite				
7485	8000	515	Dolomite				
8000	9170	1170	Anhydrite, Shale & Dolomite				
9170	9484	314	Dolomite & Chert				
9484	9808	324	Lime w/shale & Chert Stringers.				
9808	9895	87	Lime & Red Shale				
9895	10100	205	Lime w/shale & Chert Stringers.				
10100	10310	210	Dolomite				
10310	10715	405	Lime & Shale				
10715	11288	573	Lime w/Dolomite & Shale Stringers.				
11288	11350	62	Sandy Lime, Sand & Shale				
11350	11492	142	Sandy Shale				
11492	11870	378	Sand & Shale				
11870	12030	160	Lime & Chert				

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.

Company or Operator Cabot Carbon Company

Address Box 2095, Midland, Texas

Name Percy C. O'Quinn

Position or Title Field Superintendent

8-12-57  
(Date)

DRILL STEM TESTS

H. L. LOWE "B" #1

DST #1

9257-9390'. Tool open 2 hours and 45 minutes. Gas in 30 minutes. Recovered 720' mud cut oil, 220' heavy oil and gas cut mud. Flowing pressure 370#. 20 minute shut in pressure 1680#.

DST #2

9396-9461'. Open 2 hours. Recovered 45' oil and gas cut mud. Initial flowing pressure 50#. Final flowing pressure 50#. Hydrostatic in 4450#. Hydrostatic out 4400#. 20 minute shut in pressure 100#.

DST #3

9903-9990'. Open 3 hours, gas to surface in 2 hours and 20 minutes. Recovered 290' heavy oil and gas cut mud. Flowing pressure 100-160#. 30 minute shut in pressure 1140#.

DST #4

10,115-10,191'. Open 1 hour and 40 minutes. Gas to surface in 7 minutes. Oil in 55 minutes. Flowed 23 barrels oil in 30 minutes. Reversed out all oil and gas, below circulating sub. 300' salty sulphur water. Flowing pressure 1010-3160#. 30 minute shut in pressure 3920#.

DST #5

10,395-10,512'. Faint blow of air for 7 minutes and died. Tool open 45 minutes and packer failed. Recovered 720' drilling mud with no show. Flowing pressure 100-100#. No shut in pressure.

