

NEW MEXICO OIL CONSERVATION COMMISSION Santa Fe, New Mexico

WELL RECORD

Mal 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

| 5-1/2" 17#,20#,23# New 12,320 Howes — 12,277-12,307 Oil String "EUE 1.70# New 12,291 — Production MUDDING AND CEMENTING RECORD SIZE OF SIZE OF WHERE NO. SACKS METHOD GRAVITY MUD USED 7" 13-3/8" 381 100 Howes — — — — — — — — — — — — — — — — — — — | *********** | Ca | ot Carbo (Company or C | n Company | | | a La LONE NE | 3 B |
|--|--------------------------------------|---|---------------------------|--------------------|---|------------------------|--------------------------------|---------------------------|
| Eing-Deventian Pool, 11 is 167 feet from South line and 850 feet from East. 126 If State Land the Oil and Gas Lesse No. is | ll No | 1 | in SE | | | 26 т. | 13-8 | R. 37-8 NMF |
| I is \$\frac{407}{26}\$ feet from \$\frac{80uth}{26}\$ line and \$\frac{850}{26}\$ feet from \$\frac{8uth}{26}\$ line and \$\frac{6}{26}\$ Lesse No. is \$\frac{8}{26}\$ line of Drilling Commenced \$\frac{14}{12}\$ Na. No. Thompson. In \$\frac{8}{26}\$ line of Drilling Comtractor \$\frac{8}{26}\$ Na. No. Thompson. In \$\frac{8}{26}\$ ne of Drilling Comtractor \$\frac{8}{26}\$ No. So. The information given is to be kept confidential to the confidential state of the confidential s | | | | A. 13.77 A | | | | |
| Ling Commenced. Hay 17a. 1957 Drilling was Completed. August 1. 1958 Pox 992. Odessa, Taxes rets. Box 992. Odessa, Taxes ration above sea level at Top of Tubing Head. 19 OIL SANDS OB ZONES 1, from 9290 to 10,190 No. 4, from. 2, from 10.150 to 10.190 No. 5, from. 3, from 12.150 to 12.137 No. 6, from. LIMPORTANT WATER SANDS ude data on rate of water inflow and elevation to which water rose in hole. 1, from to feet. 2, from 10.150 to 10.150 No. 5, from. CASING RECORD CASING RECORD SIZE PER POOT NEW OR AMOUNT SHOO OF PULLED FROM PERFORATIONS PURPOSE 3, from to feet. 4, from 10. 10. 12. 12. 13. 13. 13. 13. 13. 13. 13. 13. 13. 13 | :::::::::::::::::::::::::::::::::::: | | | | • | | | |
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| The of Drilling Contractor. As Ma. Thompson, Ins. BOX. 992, Odessa, Taxas vation above sea level at Top of Tubing Head. OIL SANDS OR ZONES 1, from 9290 to 9,160 No. 4, from to to 10,190 No. 5, from 10,150 to 10,190 No. 6, from to 12,150 to 12,137 No. 6, from to 16et. 1, from to feet. 2, from to feet. 4, from to feet. CASING RECORD SIZE WEIGHT NEW OR AMOUNT SING FULLED FROM PERFORATIONS FURFOSE 1/2,207,214 New 12,320 House - 12,277-12,307 Oil String EUE 1,702 New 12,329 House - 12,277-12,307 Oil String EUE 1,702 New 12,329 House - 12,277-12,307 Oil String EUE 1,703 New 12,291 Mount of CEMENTING RECORD MUDDING AND CEMENT WEED GRAVITY MUD USED 7/6# 5-1/2* 12,320 TOO House | | | | | | | | |
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| RECORD OF PRODUCTION AND STIMULATION | | | | RECORD OF | PRODUCTION A | AND STIMULA | TION | |
| (Accord the floces used, 140, of Qui, of Gais, used, interval ficated of shot.) | Onen | hola 19 | • | | | , | • | |
| (Record the Process used, No. of Qts. or Gals. used, interval treated or shot.) | | | | | | | • | e perug bragger e |
| Open hole 12,320! - 12,437! was treated with 500 gal. mad acid before being plugged | Perio | rated in | terval w | ss not treated | well comp | loted natur | <u>al.</u> | |
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| Open hole 12,320! - 12,437! was treated with 500 gal. mad soid before being plugged | ····· | | | | | | | |
| Open hole 12,320! - 12,437! was treated with 500 gal. mad acid before being plugged | ••••••• | | | | | | | |
| Open hole 12,320! - 12,437! was treated with 500 gal. mad acid before being plugged Perforated interval was not treated, well completed natural. | | | | W47 | Am gas west | and . | | |
| Open hole 12,320! - 12,437! was treated with 500 gal. mad acid before being plugged | ult of Pro | oduction Stin | nulation | No oil | or gas prod | ıced. | | |

Ri 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 to | ols were us | sed from | 0 feet to 12,137 | feet, a | nd from | | feet to | feet. |
|--------------------------------|----------------|-------------|---|---------|----------------|-------------|---|---|
| Cable too | ls were use | d from | feet to | feet, a | nd from | · | feet to | feet. |
| | | | PBODU | OTION | | | | |
| Put to Pr | oducing | | August 9, 19.57 | | | | | |
| | | | n during the first 24 hours was | | • | | | ^ |
| OIL WE | | | | - | | _ | | |
| | was | oil;Q. | % was emulsion; | ••••••• | % water | ; and | | ediment. A.P.I. |
| | Grav | vity | 170 | | | | ey experience | |
| GAS WE | LL: The | production | n during the first 24 hours was | | M.C.F. pl | us | | barrels of |
| | | • | rbon. Shut in Pressure | | | | | |
| | | | | | | | | |
| Length o | f Time Sh | ut in | | | | | | |
| PLE | ASE IND | ICATE BI | ELOW FORMATION TOPS (IN CON | FORMAN | CE WITH | I GEOGE | APHICAL SECTION | OF STATE): |
| | | 2210 | Southeastern New Mexico | 7075 | | | Northwestern New | |
| , • | | 2310 | T. Devonian | | | | Ojo Alamo | |
| | ····· | | T. Silurian | | | | Kirtland-Fruitland | ••••••••••••••••••••••••••••••••••••••• |
| | | | T. Montoya T. Simpson | | | | Farmington Pictured Cliffs | |
| | | | T. McKee | | • | | Menefee | |
| | | | T. Ellenburger | | | | Point Lookout | |
| T. Grayl | burg | | T. Gr. Wash | | ••••• | т. | Mancos | ••••• |
| | | | T. Granite | | •••••••••• | т. | Dakota | |
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| - T | To | Thickness | Formation | F | 7. | Thickness | s | |
| From | | in Feet | | From | То | in Feet | Formatio | n . |
| 0 320 | 320 2210 | 320 1890 | Caliche, Sand & Lime Red Beds | | 1215k 12k37 | 12h 283 | | ack Shale |
| 2210 | 2310 | | Anhydrite | 14134 | 15421 | 203 | Dolomite | |
| 2310 | 3070 | | Salt | 1 | Ì | | T. D. 12,437 | |
| 3070 | 1575 | 1505 | Anhydrite w/sand, Shale & Dolomite Stringers. | | | | | |
| 4575 | 6054 | 1479 | Delowite & Lime w/shale | | | | | |
| | | | Stringers. | | . ~ | | | · · · · · <u>_</u> |
| 6054 | 6750 | 696 | Dolomite, Anhydrite, Shal | • | | | | |
| 6750 | 7325 | 575 | Bolomite Sli. Cherty | | | | | |
| 7325 | 7485 | 160 | Sand & Dolomite | | | | | |
| 7485 8000 | 8000 9170 | | Polomite | | 1 | } | | |
| 9170 | 9484 | | | | | | | |
| 9484 | 9808 | 32h | Lime w/shale & Chert Stri | gers. | 1 / | <u> </u> : | · | |
| 98 0 8 98 9 5 | 9895 10100 | 205 | Line & Red Shale | 1 | | | | |
| 10100 | 10310 | | Line w/shale & Chert Stri | Ser.s. | | | | |
| 10310 | 10715 | 405 | Lime & Shale | | | | | |
| 10715 | 11288 11350 | | Line w/Releasite & Shale S | ringer | • | | | |
| 11350 | 111,92 | | Sandy Lime, Sand & Shale Sandy Shale | | | | | |
| 11492 | 11870 | 378 | Sand & Shale | 1 | | | | |
| 11870 | 12030 | 160 | Line & 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. | Para C. Sylin 8-12-57 |
| Company or Operator. Cabot Carbon Company | Address Box 2095, Midland, Tessas |
| Name Percy C. O'Quinn | Position or TitleField Superintendent |

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' mad cut oil, 220' heavy oil and gas cut mad. Flowing pressure 370%. 20 minute shut in pressure 1680%.

DST #2

9396-9461. Open 2 hours. Recovered 45' oil and gas cut mad. 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 out mud. Flowing pressure 100-160%. 30 minute shut in pressure 1110%.

DST #4

10,115-10,191. Open 1 hour and 40 minutes. Gas to surface in 7 minutes. Oil in 55 minutes. Flewed 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.

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Carlotte Commence

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