

ORIGINAL

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15-065-22594-00-00

SIDE ONE

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION FORM  
ACO-1 WELL HISTORY  
DESCRIPTION OF WELL AND LEASE

Operator: License # 6889

Name: Oxford Exploration Company

Address P.O. Box 37390

City/State/Zip Denver, CO 80237

Purchaser: \_\_\_\_\_

Operator Contact Person: David E. Park, Jr.

Phone (303) 741-2888

Contractor: Name: Murfin Drilling Company

License: 6033

Wellsite Geologist: Richard Hall

Designate Type of Completion

New Well  Re-Entry  Workover

Oil  SWD  Temp. Abd.

Gas  Inj  Delayed Comp.

Dry  Other  Water Supply,  etc.

If **OWMO**: old well info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

Drilling Method:

Mud Rotary  Air Rotary  Cable

10-09-90 10-14-90 10-15-90  
Spud Date Date Reached TD Completion Date

API NO. 15- 065-22, 594 ✓

County Graham

NW SE NW SE Sec. 9 Twp. 6S Rge. 22W East West

1815 ✓ Ft. North from Southeast Corner of Section

1815 ✓ Ft. West from Southeast Corner of Section  
(NOTE: Locate well in section plat below.)

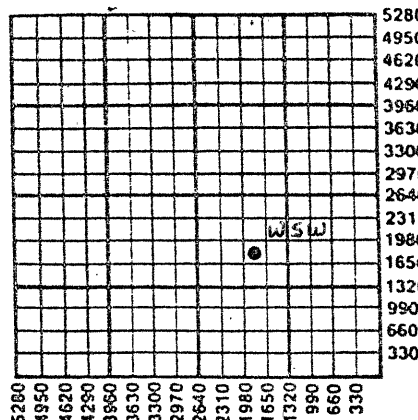
Lease Name Mary Rush ✓ Well # 9-10-4

Field Name Springbifd

Producing Formation Cedar Hills (water only)

Elevation: Ground 2316 KB 2321

Total Depth 3902 PSTD 1875



Amount of Surface Pipe Set and Cemented at 249 Feet

Multiple Stage Cementing Collar Used? \_\_\_\_\_ Yes  No

If yes, show depth set \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from 1875

feet depth to 0 w/ 440 sx cmt.

**INSTRUCTIONS:** This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form. See rule 82-3-107 for confidentiality in excess of 12 months. One copy of all wireline logs and drillers time log shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature [Signature]

Title Jack E. Goss, Agent for Operator Date 10-26-90

Subscribed and sworn to before me this 26th day of October 19 90.

Notary Public Melanie Rau

Date Commission Expires 4-18-93

K.C.C. OFFICE USE ONLY  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Drillers Timelog Received  
Distribution  
 KCC  SWD/Rep  NGPA  
 KGS  Plug  Other  
(Specify)



PI

**SIDE TWO**

Operator Name Oxford Exploration Company Lease Name Mary Rush Well # 9-10-4

Sec. 9 Twp. 6S Rge. 22W  East  West  
 County Graham

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken  Yes  No  
 (Attach Additional Sheets.)

Samples Sent to Geological Survey  Yes  No

Cores Taken  Yes  No

Electric Log Run  Yes  No  
 (Submit Copy.)

DST #1: 3519-3582', 30-30-30-30; IH 1901, IF 67-67, ISI 788, ff 86-86, FSI 740, FH 1872, BHT 106, Rec. 20' mud.

DST #2: 3704-3734', 30-30-30-30; IH 2065, IF 57-57, ISI 57, FF 57-57, FSI 67, FH 2046, BHT 109, Rec. 5' mud.

| Name                | Formation Description |              |
|---------------------|-----------------------|--------------|
|                     | Top                   | Bottom       |
| Cedar Hills         | 1505 (816)            | 1728 (593)   |
| Anhydrite           | 1986 (335)            | 2016 (305)   |
| Topeka              | 3335 (-1014)          |              |
| Heebner             | 3534 (-1213)          |              |
| Lansing-Kansas City | 3578 (-1257)          | 3764 (-1443) |
| Arbuckle            | 3864 (-1543)          |              |

| CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used |                   |                           |                 |               |                |              |                            |
|---|-------------------|---------------------------|-----------------|---------------|----------------|--------------|----------------------------|
| Report all strings set-conductor, surface, intermediate, production, etc.           |                   |                           |                 |               |                |              |                            |
| Purpose of String   | Size Hole Drilled | Size Casing Set (In O.D.) | Weight Lbs./Ft. | Setting Depth | Type of Cement | # Sacks Used | Type and Percent Additives |
| Surface   | 12 1/4"           | 8-5/8"                    |                 | 249           | 60/40 Poz      | 145          | 2% gel, 3% cc              |
| Production  |                   | 4 1/2"                    |                 | 1875          | HLC            | 190          |                            |
|   |                   |                           |                 |               | 60/40 Poz      | 150          |                            |

| PERFORATION RECORD |   | Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) |       |
|--------------------|---|--|-------|
| Shots Per Foot     | Specify Footage of Each Interval Perforated |  | Depth |
| 2                  | 1665 - 1725'                                | none   |       |
|                    |   |  |       |
|                    |   |  |       |
|                    |   |  |       |
|                    |   |  |       |
|                    |   |  |       |

| TUBING RECORD |        |           |  | Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No |
|---------------|--------|-----------|--|--|
| Size          | Set At | Packer At |  |  |
|               |        |           |  |  |

| Date of First Production | Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) |  |  |  |
|--------------------------|---|--|--|--|
|                          |   |  |  |  |

| Estimated Production Per 24 Hours | Oil Bbls. | Gas Mcf | Water Bbls. | Gas-Oil Ratio | Gravity |
|-----------------------------------|-----------|---------|-------------|---------------|---------|
|                                   |           |         |             |               |         |

Disposition of Gas:  Vented  Sold  Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION:  Open Hole  Perforation  Dually Completed  Commingled  Other (Specify) \_\_\_\_\_

Production Interval: 1665-1725'

HALLIBURTON SERVICES  
JOB LOG

ORIGINAL

WELL NO. 7-11-4 LEASE Many Rich TICKET NO. 904220  
CUSTOMER OX FINS - EXPLORATION PAGE NO. 1 of 2  
JOB TYPE Logging - Plug Back DATE 10-15-91

FORM 2013 R-2

| CHART NO. | TIME | RATE (BPM) | VOLUME (BBL) (GAL) | PUMPS |   | PRESSURE (PSI) |        | DESCRIPTION OF OPERATION AND MATERIALS |
|-----------|------|------------|--------------------|-------|---|----------------|--------|--|
|           |      |            |                    | T     | C | TUBING         | CASING |  |
|           | 0500 |            |                    |       |   |                |        | called out                             |
|           | 1030 |            |                    |       |   |                |        | on loc.                                |
|           |      |            |                    |       |   |                |        | Setup Trucks                           |
|           | 1045 |            |                    |       |   |                |        | Rig Laying Down Drill Collars.         |
|           | 1145 |            |                    |       |   |                |        | START in w/ Mudding starts to 3500'    |
|           | 1235 |            |                    |       |   |                |        | START circ                             |
|           | 1315 |            |                    |       |   |                |        | Fin Circ                               |
|           |      |            |                    |       |   |                |        | Hook to Pump Truck                     |
|           | 1320 |            |                    | 1     |   | 300            |        | START N <sup>o</sup> SPACER            |
|           | 1322 |            | 10                 | 1     |   | 300            |        | FIN N <sup>o</sup>                     |
|           | 1322 |            |                    | 1     |   | 300            |        | START MIXED SKS 60/40 @ 2 60% GEL      |
|           | 1314 |            | 13.5               | 1     |   | 300            |        | FIN CUT                                |
|           | 1325 |            | 3.5                | 1     |   | 300            |        | DRP 3.5 BBL N <sup>o</sup>             |
|           | 1326 |            |                    | 1     |   | 300            |        | ST. mixed Dip                          |
|           | 1330 |            | 72                 | 1     |   | 300            |        | FIN Dip                                |
|           |      |            |                    |       |   |                |        | Roll Drill Pipe to 2086                |
|           | 1415 |            |                    | 1     |   | 200            |        | START N <sup>o</sup> SPACER            |
|           | 1417 |            | 10                 | 1     |   | 200            |        | FIN N <sup>o</sup>                     |
|           | 1417 |            |                    | 1     |   | 200            |        | ST. mix 25 SKS cut                     |
|           | 1419 |            | 5.5                | 1     |   | 200            |        | FIN CUT                                |
|           | 1418 |            | 3.5                | 1     |   | 200            |        | Dip 3.5 BBL N <sup>o</sup>             |
|           | 1420 |            |                    | 1     |   | 200            |        | ST. mixed Dip                          |
|           | 1422 |            | 24                 | 1     |   | 200            |        | FIN Dip                                |
|           | 1435 |            |                    |       |   |                |        | Roll B.P. to 1470 FT to Circulation    |
|           | 1510 |            |                    |       |   |                |        | ST. Laying Down Drill Pipe             |
|           | 1600 |            |                    |       |   |                |        | Fin Laying Down D.A.                   |
|           |      |            |                    |       |   |                |        | Chg. Over to Pump Truck                |
|           | 1700 |            |                    |       |   |                |        | START 4% conc. w/ 17 joints shoe       |
|           |      |            |                    |       |   |                |        | Insert Foot Valve                      |
|           |      |            |                    |       |   |                |        | 5-4 60' tall @ 500 / 4, 6, 8, 18 ft    |
|           |      |            |                    |       |   |                |        | cut back out 7, 10, 120 STS.           |
|           | 1805 |            |                    |       |   |                |        | FIN CIRC                               |
|           |      |            |                    |       |   |                |        | hook up Plug Lost                      |
|           | 1810 |            |                    |       |   |                |        | START                                  |
|           | 1830 |            |                    |       |   |                |        | FIN CIRC                               |
|           |      |            |                    |       |   |                |        | Hook to Pump Truck                     |
|           |      |            |                    |       |   |                |        | CONT. NEXT PAGE                        |

RECEIVED  
STATE OF OKLAHOMA COMMISSION ON

NO. 11001

REGISTRATION EXPIRES  
OCTOBER 1, 1992

RETAIN

JOB LOG

ORIGINAL

WELL NO. 7-10-1 LEASE Mary Rock TICKET NO. 404220  
CUSTOMER OFFERD Exploration PAGE NO. 2 of 2  
JOB TYPE Plugback / Plugstring DATE 10-15-90

FORM 2013 R-2

| CHART NO. | TIME | RATE (BPM) | VOLUME (BBL) (GAL) | PUMPS |   | PRESSURE (PSI) |        | DESCRIPTION OF OPERATION AND MATERIALS                  |
|-----------|------|------------|--------------------|-------|---|----------------|--------|---|
|           |      |            |                    | T     | C | TUBING         | CASING |   |
|           | 1834 |            |                    |       | 1 |                | 300    | START 1100L salt flush                                  |
|           | 1836 |            | 10                 |       | 1 |                | 300    | Fin salt flush  |
|           | 1837 |            | 3                  |       | 1 |                | 300    | Run 3 BBL spacer  |
|           | 1840 |            |                    |       | 1 |                | 300    | START 300gal Super Flush                                |
|           | 1842 |            | 7                  |       | 1 |                | 300    | Fin Super Flush   |
|           | 1845 |            | 3                  |       | 1 |                | 300    | Run 3 BBL spacer  |
|           | 1845 |            |                    |       | 1 |                | 300    | START mix 200 SK H.C. / 1000 gal                        |
|           | 1858 |            | 102                |       | 1 |                | 200    | Fin H.C.  |
|           | 1858 |            |                    |       | 1 |                | 200    | START mix 150 SK / 1000 gal                             |
|           | 1903 |            | 34                 |       | 1 |                | 200    | Fin mix   |
|           |      |            |                    |       |   |                |        | Wash up Pump & Lines<br>Return SW Tool Plug             |
|           | 1905 |            |                    |       | 1 |                | 100    | START Div.  |
|           |      |            |                    |       | 1 |                | 600    | Fin Div.  |
|           | 1910 |            | 29                 |       | 1 |                | 1600   | Fin Div.  |
|           | 1913 |            |                    |       |   |                | 0      | Return - Insert Head<br>Circ 30 BBL out<br>Job complete |

Thank you  
 J. H. Young, Jr. + 11/11/90  
 1st plug 3500-3300  
 2nd plug 2086-1986  
 Put 15 sk out in bath hole

RECEIVED  
 STATE OPERATING COMMISSION  
 OCT 16 1990

RETAIN