

RELEASED

ORIGINAL

Plugged 9-29-89 10-16-89 10-16-91

NOV 13 1991 SIDE ONE

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

API NO. 15- 129-21,020 - 0000

County Morton

C NE NW Sec. 9 Twp. 31S Rge. 40 X East West

554 Ft. North from Southeast Corner of Section

2086 Ft. West from Southeast Corner of Section  
(NOTE: Locate well in section plat below.)

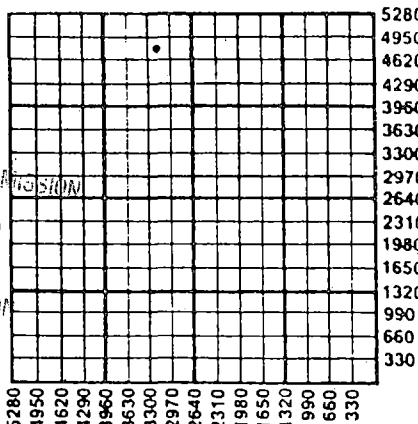
Lease Name Emberton Well # 9-1

Field Name Will-Bros (Morrow)

Producing Formation None D & A

Elevation: Ground 3287' KB 3300'

Total Depth 5475' PBDT N/A



ALT I  
D & A

Amount of Surface Pipe Set and Cemented at 1686 Feet

Multiple Stage Cementing Collar Used? Yes X No

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

If Alternate II completion, cement circulated from \_\_\_\_\_

feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Operator: License # 5703

Name: J. M. Huber Corporation

Address 7120 I-40 West, Suite 232

City/State/Zip Amarillo, Texas 79106

Purchaser: None

Operator Contact Person: Willam D. Siddens

Phone (806) 353-9837

Contractor: Name: H-30 Drilling, Inc.

License: 5107

Wellsite Geologist: None

Designate Type of Completion

X New Well Re-Entry Workover

Oil SWD Temp. Abd.

Gas Inj Delayed Comp.

X Dry Other (Core, Water Supply, etc.)

If OWD: old well info as follows:

Operator:

Well Name:

Comp. Date Old Total Depth

Drilling Method:

X Mud Rotary Air Rotary Cable

9-20-89 9-28-89 9-29-89

Spud Date Date Reached TD Completion Date

10-16-89  
RECEIVED  
OCT 16 1989

STATE CORPORATION COMMISSION  
KANSAS GEOLOGICAL SURVEY  
WICHITA BRANCH  
OCT 12 1989

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.

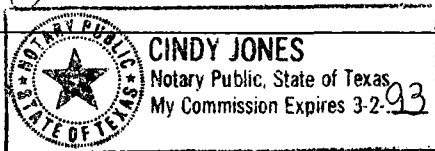
Signature Robert Cornelius Robert Cornelius

Title District Engineer District Eng. Date 10-10-89

Subscribed and sworn to before me this 12<sup>th</sup> day of October, 19 89.

Notary Public Cindy Jones

Date Commission Expires



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

SIDE TWO

Operator Name J. M. Huber Corporation Lease Name Emberton Well # 9-1  
 Sec. 9 Twp. 31S Rge. 40  East  West  
 County Morton

**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 #1-5010'-5104' BHT - 128 deg F  
 IH 2398' Rec. 90' drlg mud  
 10 min IF - 64 psi  
 30 min ISI - 96 psi  
 30 min FF - 80 psi  
 120 min FSI - 96 psi  
 FH - 2382'

**Formation Description**

Log  Sample

| Name      | Top | Bottom |
|-----------|-----|--------|
| B/Heebner |     | 3672'  |
| Lansing   |     | 3782'  |
| Marmaton  |     | 4374'  |
| Cherokee  |     | 4564'  |
| Morrow    |     | 5021'  |
| T/Miss    |     | 5406'  |

**CASING RECORD**  New  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          |
|-------------------|-------------------|---------------------------|-----------------|---------------|----------------|--------------|-------------------------------------|
| Conductor         | 30"               | 20"                       |                 | 40'           | Redi-Mix       | 3-1/2yds     |                                     |
| Surface           | 12-1/4"           | 8-5/8"                    | 24#             | 1686'         | Howco Lite     | 550          | 2% CaCl <sub>2</sub> + 1/2# Floucel |
|                   |                   |                           |                 |               | Class H        | 200          | 2% CaCl <sub>2</sub>                |

| Shots Per Foot | PERFORATION RECORD<br>Specify Footage of Each Interval Perforated | Acid, Fracture, Shot, Cement Squeeze Record<br>(Amount and Kind of Material Used) | Depth |
|----------------|---|---|-------|
|                |   |   |       |
|                |   |   |       |
|                |   |   |       |
|                |   |   |       |
|                |   |   |       |
|                |   |   |       |
|                |   |   |       |
|                |   |   |       |
|                |   |   |       |
|                |   |   |       |

**TUBING RECORD**

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

|                                   |   |
|-----------------------------------|---|
| 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) D&A

Production Interval \_\_\_\_\_