

KCC

ORIGINAL

APR 29 -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

RELEASED

API NO. 15- 147-20,530

CONFIDENTIAL

County Phillips

SW SW NE Sec. 15 Twp. 5S Rge. 18 X West

Operator: License # 5140

MAY 20 1992
520-92
FROM CONFIDENTIAL

Name: FRONTIER OIL COMPANY

Address 125 N. Market, Ste. 1720

City/State/Zip Wichita, KS 67202

Purchaser: N/A

Operator Contact Person: Jean Angle

Phone (316) 263-1201

Contractor: Name: RED TIGER DRILLING CO.

License: 5302

Wellsite Geologist: Steve Parker

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 OWO: old well info as follows:

Operator:

Well Name:

Comp. Date Old Total Depth

Drilling Method:

X Mud Rotary Air Rotary Cable

2-23-91 3-1-91 3-1-91

Spud Date Date Reached TD Completion Date

2970 Ft. North from Southeast Corner of Section

2310 Ft. West from Southeast Corner of Section

(NOTE: Locate well in section plat below.)

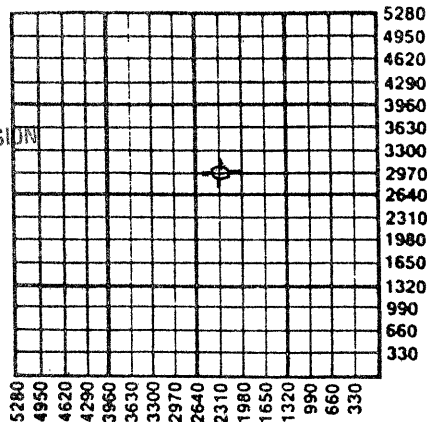
Lease Name Shaw Well # 1

Field Name WC

Producing Formation N/A

Elevation: Ground 2023 KB 2028

Total Depth 3430 PBD N/A



A 15-12 WPA

Amount of Surface Pipe Set and Cemented at 221 Feet

Multiple Stage Cementing Collar Used? Yes X No

If yes, show depth set N/A Feet

If Alternate II completion, cement circulated from

feet depth to w/ sx cmt.

RECEIVED
STATE CORPORATION COMMISSION

APR 30 1991

CONSERVATION DIVISION
WICHITA, KANSAS

4-30-91

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 Jean Angle

Title Agent Date 4-29-91

Subscribed and sworn to before me this 29th day of April, 19 91.

Notary Public D'Ann Brennan

Date Commission Expires 2-10-94

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)

CONFIDENTIAL

SIDE TWO

Operator Name FRONTIER OIL COMPANY Lease Name Shaw Well # 1
 Sec. 15 Twp. 5S Rge. 18 East West
 County Phillips

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.)

No DST's

| Formation Description | | |
|-----------------------|------|--------|
| Name | Top | Bottom |
| Anhydrite | 1584 | +444 |
| Topeka | 2950 | -922 |
| Heebner | 3159 | -1131 |
| Toronto | 3184 | -1156 |
| Lansing/KS City | 3196 | -1168 |
| Base KS City | 3421 | -1393 |
| RTD | 3430 | -1402 |

| 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" | 19# | 221 | 60-40POZ | 140 | 2%gel, 3%cc |
| PERFORATION RECORD | | | | Acid, Fracture, Shot, Cement Squeeze Record | | | |
| Shots Per Foot | Specify Footage of Each Interval Perforated | | | (Amount and Kind of Material Used) | | | Depth |
| N/A | | | | | | | |
| TUBING RECORD | | | | Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No | | | |
| N/A | 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: N/A **METHOD OF COMPLETION** Production Interval

Vented Sold Used on Lease Open Hole Perforation Dually Completed Commingled
 (If vented, submit ACO-18.) Other (Specify) _____