

ORIGINAL

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- 163-23,151 ⁰⁰⁻⁰⁰

County Rooks East

NE NW SE Sec. 21 Twp. 6S Rge. 20 West

2310' FSL Ft. North from Southeast Corner of Section

1650' FEL Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

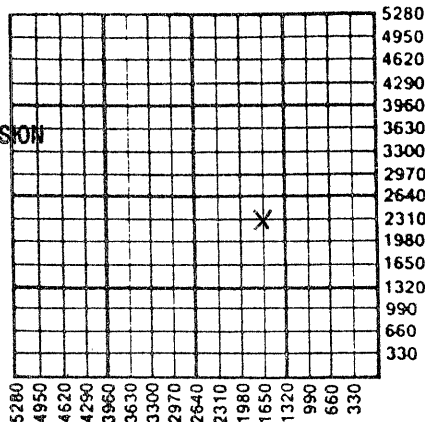
Lease Name Sammons Well # 1

Field Name unknown

Producing Formation Arbuckle

Elevation: Ground .2186 KB 2191

Total Depth 3691' PBD



Air-Dr

Amount of Surface Pipe Set and Cemented at 233.53' Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

Operator: License # 5352

Name: Baird Oil Company

Address P.O. Box 428

City/State/Zip Logan, KS 67646

Purchaser: _____

Operator Contact Person: Jim Baird

Phone (913) 689-7457

Contractor: Name: Abercrombie Drilling, Inc.

License: 5422

Wellsite Geologist: _____

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD Temp. Abd.

Gas Inj Delayed Comp.

Dry Other (Core, Water Supply, etc.)

If OWO: old well info as follows:

Operator: N/A

Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:

Mud Rotary Air Rotary Cable

3-11-91 3-19-91

Spud Date Date Reached TD Completion Date

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CONSERVATION DIVISION
Wichita, Kansas

7-8-91

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 Jim Baird

Title Executive Vice-President Date 6-17-91

Subscribed and sworn to before me this 6th day of JUNE, 19 91.

Notary Public Robert D. Hartman
NOTARY PUBLIC
STATE OF KANSAS
MY APPT. EXPIRES 3/29/95

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)

SIDE TWO

Operator Name Baird Oil Company Lease Name Sammons Well # #1
 Sec. 21 Twp. 6S Rge. 20 East County Rooks
 West

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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Attach Additional Sheets.) Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Submit Copy.) | <p style="text-align: center;">Formation Description</p> <p><input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:40%;">Name</th> <th style="width:20%;">Top</th> <th style="width:20%;">Bottom</th> </tr> </thead> <tbody> <tr><td>Anhy</td><td>1794</td><td>+397</td></tr> <tr><td>B/Anhy</td><td>1819</td><td>+372</td></tr> <tr><td>Topeka</td><td>3185</td><td>-994</td></tr> <tr><td>Heebner</td><td>3385</td><td>-1194</td></tr> <tr><td>Toronto</td><td>3410</td><td>-1219</td></tr> <tr><td>Lansing</td><td>3425</td><td>-1234</td></tr> <tr><td>BKC</td><td>3620</td><td>-1429</td></tr> <tr><td>Conglomerate Sand</td><td>3664</td><td>-1473</td></tr> <tr><td>Arbuckle</td><td>3683</td><td>-1492</td></tr> <tr><td>TD</td><td>3691</td><td>-1500</td></tr> </tbody> </table> | Name | Top | Bottom | Anhy | 1794 | +397 | B/Anhy | 1819 | +372 | Topeka | 3185 | -994 | Heebner | 3385 | -1194 | Toronto | 3410 | -1219 | Lansing | 3425 | -1234 | BKC | 3620 | -1429 | Conglomerate Sand | 3664 | -1473 | Arbuckle | 3683 | -1492 | TD | 3691 | -1500 |
|---|--|--------|-----|--------|------|------|------|--------|------|------|--------|------|------|---------|------|-------|---------|------|-------|---------|------|-------|-----|------|-------|-------------------|------|-------|----------|------|-------|----|------|-------|
| Name | Top | Bottom | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Anhy | 1794 | +397 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B/Anhy | 1819 | +372 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Topeka | 3185 | -994 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Heebner | 3385 | -1194 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Toronto | 3410 | -1219 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lansing | 3425 | -1234 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BKC | 3620 | -1429 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| TD | 3691 | -1500 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

DST.#1 (3196'-3235') 30-30-5-0
 IFP:76 FFP:76 ISIP:644 FSIP:- Rec. 20'
 of mud w/few oil spots./30-30-0-0
 DIST #2 (3334-3375) IFP:76 FFP:163
 ISIP:1085 FSIP:- Rec. 300' muddy water
 DST #3 (3392-3418) 45-45-45-45 IFP:57
 FFP:573 ISIP:586 FSIP:76 Rec. 30' OCM

(Continued on another sheet)

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 |
|-------------------|-------------------|---------------------------|-----------------|---------------|----------------|--------------|----------------------------|
| Surface | 12 1/4" | 8 5/8" | 24# | 233.53' | 60-40pozmix | 160 | 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 | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

TUBING RECORD

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

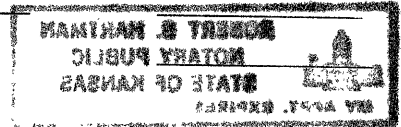
| | |
|-----------------------------------|---|
| Date of First Production | Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) |
| Estimated Production Per 24 Hours | Oil Bbls. Gas Mcf Water Bbls. 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) _____

Production Interval



ORIGINAL

SAMMONS #1

Drill Stem Tests (Continued)

DST #4 (3418-3440) 45-45-30-45 IFP: 48 FFP: 48 ISIP: 76
FSIP: 67 Rec. 15' of OCM.

DST #5 (3444-3472) 30-30-30-30 IFP: 76 FFP:105 ISIP: 1124
FSIP: 1085 Rec. 425' of Saltwater

DST #6 (3469-3489) 30-30-10-- IFP: 48 FFP:48 ISIP: 48
FSIP: - Rec. 10' mud

DST #7 (3488-3510) 45-45-30-45 IFP: 38 FFP: 38 ISIP: 644
FSIP: 96 Rec. 30' of OCM

DST #8 (3583-3604) 30-30-5- IFP: 48 FFP: 48 ISIP: 57
FSIP:- Rec. 5' Mud w/oil spots in tool.

DST #9 (3620-3671) 45-45-45-45 IFP: 76 FFP: 76 ISIP: 942
FSIP: 971 Rec. 40' of F.O. Gravity 28; 40' OCM.

DST #10 (3620-3676) 45-45-45-45 IFP:76 FFP: 76 ISIP: 865
FSIP: 846 Rec. 40' of F.O.; 50' of OCM

DST #11 (3620-3691) 45-45-45-45 IFP: 96 FFP:96 ISIP: 836
FSIP:750 Rec. 40' of F.O.; 85' OCM

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