

22-33-32W

COPY

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

Operator: License # 06230Name: First National Oil, Inc.Address 23 E. 11th

CONFIDENTIAL

City/State/Zip Liberal, KS 67901Purchaser: Aurora Natural GasOperator Contact Person: Bill CarlislePhone (316) 624-1664Contractor: Name: Bruce Well ServiceLicense: 07407

Wellsite Geologist: \_\_\_\_\_

## Designate Type of Completion

☐ New Well ☒ Re-Entry ☐ Workover

☐ Oil ☐ SWD ☐ SIOW ☐ Temp. Abd.  
☒ Gas ☐ ENHR ☐ SIGW  
☐ Dry ☐ Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows:

Operator: Raw Energy CorporationWell Name: #1-22 ArkalonComp. Date 6-10-84 Old Total Depth 5900'

☐ Deepening ☒ Re-perf. ☐ Conv. to Inj/SWD  
☐ Plug Back ☐ PSTD  
☐ Commingled Docket No. \_\_\_\_\_  
☐ Dual Completion Docket No. \_\_\_\_\_  
☐ Other (SWD or Inj?) Docket No. \_\_\_\_\_

11-1-94 11-1-94 11-25-94  
Spud Date Date Reached TD Completion Date

API NO. 15- 175-20,7590001County SewardSW-SW - NW Sec. 22 Twp. 33S Rge. 32 ☒ E2310 Feet from S (circle one) Line of Section330 Feet from E (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:  
NE, SE, NW or SW (circle one)Lease Name Arkalon Well # 1-22Field Name ArkalonProducing Formation Herrington/Upper KriderElevation: Ground 2696' KB 2708'Total Depth 5900' PSTD 2602'

Amount of Surface Pipe Set and Cemented at \_\_\_\_\_ 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/ \_\_\_\_\_ ex amt.

Drilling Fluid Management Plan OWWO 3-5-94 JK  
(Date must be collected from the Reserve Pit)

Chloride content \_\_\_\_\_ ppm Fluid volume \_\_\_\_\_ bbls

Dewatering method used \_\_\_\_\_

Location of fluid disposal if hauled offsite: \_\_\_\_\_

RELEASED

Operator Name \_\_\_\_\_

Lease Name MAR 14 1996 Docket No. \_\_\_\_\_Quarter Sec. Twp. Rge. ☒ E/W

County \_\_\_\_\_ Docket No. \_\_\_\_\_

FROM CONFIDENTIAL

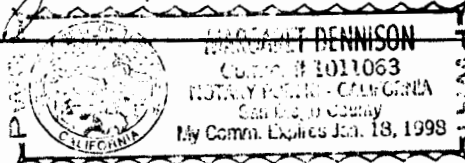
INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on 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 geologist well report 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.

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 \_\_\_\_\_

Title President Date, 12-28-94Subscribed and sworn to before me this 28th day of December, 19 94.Notary Public Margaret Bennison

Date Commission Expires \_\_\_\_\_



K.C.C. OFFICE USE ONLY

F ☒ Letter of Confidentiality Attached

C ☒ Wireline Log Received

C ☐ Geologist Report Received

Distribution

☒ KCC ☐ SWD/Rep ☐ NGPA

☒ KGS ☐ Plug ☐ Other (specify) FS

JAN 14 1995

STATE CORPORATION COMMISSION

WSE-EE-S.C

SIDE TWO

Operator Name First National Oil, IncLease Name ArkalonWell # 1-22☐ EastCounty SewardSec. 22 Twp. 33S Rge. 32☒ West

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests given 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

(Attach Additional Sheets.)

☐ Yes ☒ No

Samples Sent to Geological Survey

☐ Yes ☒ No

Cores Taken

☐ Yes ☒ No

Electric Log Run

(Submit Copy.)

☒ Yes ☐ No

List All E.Logs Run:

Cement Bond

☐ Log - Formation (Top), Depth and Datum☐ Sample

Name

Top

Datum

## 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                |
|-------------------|-------------------|---------------------------|-----------------|---------------|----------------|--------------|-------------------------------------------|
| Production        | 7 7/8"            | 4 1/2"                    | 10.5#           | 5821'         | 50/50POZ       | 175          | 10% salt 3/4%<br>CFR2, 50xaxH,<br>12% gel |
|                   |                   |                           |                 |               |                |              |                                           |
|                   |                   |                           |                 |               |                |              |                                           |

## ADDITIONAL CEMENTING/SQUEEZE RECORD

| Purpose:                                                                                                                                                                    | Depth<br>Top Bottom | Type of Cement | #Sacks Used | Type and Percent Additives |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|----------------|-------------|----------------------------|
| <input type="checkbox"/> Perforate<br><input checked="" type="checkbox"/> Protect Casing<br><input type="checkbox"/> Plug Back TD<br><input type="checkbox"/> Plug Off Zone | 2200-<br>2620'      | Class H        | 100         | 2% CC 1/4# cello Class H   |

| Shots Per Foot | PERFORATION RECORD - Bridge Plugs Set/Type<br>Specify Footage of Each Interval Perforated | Acid, Fracture, Shot, Cement Squeeze Record<br>(Amount and Kind of Material Used)     | Depth |
|----------------|-------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------|
| 4              | CIBP @ 3350' 2571'-2595'                                                                  | 3000 gal 15%HCL with surfactant,<br>inhibitor & clay stabilizer &<br>400 ball sealers | 2480' |
| 4              | 2556'-2571'                                                                               | 30,000 gal H <sub>2</sub> O, 30,000#sd.                                               |       |
| 4              | 2530'-2546'                                                                               |                                                                                       |       |
| 4              | 2496'-2502'                                                                               |                                                                                       |       |

|                                                |     |        |                                                                                                                                                               |           |           |                                                                     |               |         |
|------------------------------------------------|-----|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-----------|---------------------------------------------------------------------|---------------|---------|
| TUBING RECORD                                  |     | Size   | Set At                                                                                                                                                        | Packer At | Liner Run | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |               |         |
|                                                |     | 2 3/8" |                                                                                                                                                               | 2520'     |           |                                                                     |               |         |
| Date of First, Resumed Production, SWD or Inj. |     |        | Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) |           |           |                                                                     |               |         |
| 11-27-94                                       |     |        |                                                                                                                                                               |           |           |                                                                     |               |         |
| Estimated Production Per 24 Hours              | Oil | Bbls.  | Gas                                                                                                                                                           | Mcf       | Water     | Bbls.                                                               | Gas-Oil Ratio | Gravity |
|                                                |     |        | 854                                                                                                                                                           | mcfpd     |           | 266                                                                 | bbls/day      |         |

Disposition of Gas:

☐ Vented ☒ Sold ☐ Used on Lease  
(If vented, submit ACO-18.)

METHOD OF COMPLETION

☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled  
☐ Other (Specify) \_\_\_\_\_

Production Interval