

FORM MUST BE TYPED

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

Operator: License # 6528

Name: R.J. Patrick Operating Company

Address P O Box 1157

Liberal, Kansas

City/State/Zip 67905-1157

Purchaser: ONEOK Field Services Company

Operator Contact Person: R. J. Patrick

Phone (620) 624-8483

Contractor: Name: Duke Drilling Co., Inc.

License: 5929

Wellsite Geologist: Marvin Harvey

Designate Type of Completion
 New Well Re-Entry Workover

Oil SMD SLOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Reentry: Old Well Info as follows:

Operator: R.J. Patrick Operating Co.

Well Name: Donald Herd 1-10A

Comp. Date 09/12/97 Old Total Depth 6350

Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PBT
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

10/08/02 10/09/02 10-18-02
Spud Date Date Reached TD Completion Date

API NO. 15- 033-20939-00-01

County Comanche County, Kansas

C - NW - SE - Sec. 10 Twp. 33 Rge. 19 ^E ^W

1980 Feet from ^S ^N (circle one) Line of Section

1880 Feet from ^E ^W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner: 2500'
NE, SE, NW or ^S ^N (circle one)

Lease Name Donald Herd OWWO Well # 1-10A

Field Name West Colter

Producing Formation Upper Miss/Ft. Scott/Pawnee

Elevation: Ground 2001' KB 2014'

Total Depth 5626' PBDT 5626'

Amount of Surface Pipe Set and Cemented at 702 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____
feet depth to surface w/ 235 sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)

Chloride content 12,000 ppm Fluid volume 730 bbls

Dewatering method used Hauled free water from top then evaporated

Location of fluid disposal if hauled offsite:

Operator Name KBW Oil & Gas

Lease Name Harmon SWD License No. 5993

NW Quarter Sec. 11 Twp. 33 S Rng. 20 E/W

County Comanche Docket No. 22304

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, 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 R.J. Patrick
Title Owner Date 11/04/02

Subscribed and sworn to before me this 4th day of November,

2002
Notary Public Janey Kay

Date Commission Expires 04/04/04

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)

Operator Name R.J.Patrick Operating Co. Lease Name Donald Herd OWWO Well # 1-10A

Sec. 10 Twp. 33S Rge. 19 East West
County Comanche County, Kansas

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 (Attach Additional Sheets.) | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Log | Formation (Top), Depth and Datums | <input type="checkbox"/> Sample |
| Samples Sent to Geological Survey | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Name | Top | Datum |
| Cores Taken | <input type="checkbox"/> Yes <input type="checkbox"/> No | Shawnee Sand | 4139 | 2145 |
| Electric Log Run (Submit Copy.) | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Toronto | 4303 | 2289 |
| List All E.Logs Run: Comp SSD Comp Neutron log-Dual Induction log-micro electric log - copies enclosed. | | Lansing | 4495 | 2481 |
| | | Marmaton | 5004 | 2990 |
| | | Cherokee | 5148 | 3134 |
| | | Mississippian | 5250 | 3236 |
| | | Viola | 5954 | 3940 |
| | | Simpson | 6158 | 4144 |
| | | Arbuckle | 6305 | 4291 |

| 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 |
| Existing Surface | | 8 5/8" | | 702' | | | |
| Production | 7 7/8" | 5 1/2" | 15.5# | 5613' | 50/50 Poz | 210 | 18% salt-2% gel |

| ADDITIONAL CEMENTING/SQUEEZE RECORD | | | | |
|---|------------------|----------------|-------------|----------------------------|
| Purpose: | Depth Top Bottom | Type of Cement | #Sacks Used | Type and Percent Additives |
| <input type="checkbox"/> Perforate | | | | |
| <input type="checkbox"/> Protect Casing | | | | |
| <input type="checkbox"/> Plug Back TD | | | | |
| <input type="checkbox"/> Plug Off Zone | | | | |

| Shots Per Foot | PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated | Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) | Depth |
|---|--|--|---|
| 2 | 5494 to 5506 & 5510 to 5514 Packer set @ 5465 | 2000 gals. 15% | 5494 to 5514 |
| 2 | 5332 to 5336 & 5220 to 5224 & | 3000 gals. 15% | 5332 to 5310 |
| 2 | 5306 to 5310 5142 to 5146 & 5112 to 5128 | 1000 gals. 15% | 5142 to 5128 |
| TUBING RECORD Size 2 1/16" Set At 5464 Packer At 5465 2 1/16" 5424 5465 | | Liner Run | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |

| | |
|--|---|
| Date of First, Resumed Production, SMD or Inj. November 4, 2002 | Producing Method <input checked="" type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) |
| Estimated Production Per 24 Hours | Oil Bbls. 0 Gas Mcf 150,000 Water Bbls. 28 Gas-Oil Ratio Gravity |

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

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled

Production Interval: Other (Specify) _____

Dually Completed-Lower Miss. Salt Water Disposal-Upper Miss. completed as a Gas well. Pawnee & Fort Scott completed as gas well