

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

Operator: License # 5414
Name: J. Mark Richardson
Address: 640 Century Plaza Bldg.
Wichita, Kansas 67202
City/State/Zip

Purchaser: Derby Refining Company

Operator Contact Person: J. Mark Richardson
Phone: (316) 262-3192

Contractor: License # 5842
Name: Gabbert-Jones, Inc.

Wellsite Geologist: J. Mark Richardson
Phone: (316) 262-3192

Designate Type of Completion
New Well Re-Entry Workover
Oil Gas Dry
SWD Inj Other (Core, Water Supply etc.)
Temp Abd Delayed Comp.

If OMWO: old well info as follows:
Operator: Woods Petroleum
Well Name: Reader #1
Comp. Date: 5-3-67 Old Total Depth: 4760

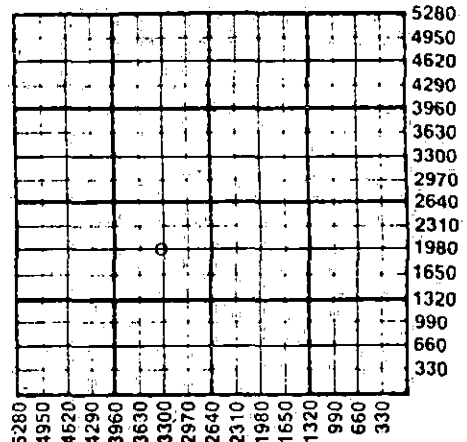
WELL HISTORY

Drilling Method: Mud Rotary Air Rotary Cable
9-23-85 9-25-85 11-1-85
Spud Date Date Reached TD Completion Date
4923 4922
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at: 368 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: feet
If alternate 2 completion, cement circulated from: 4897 feet depth to: 3980 w/ 275 SX cmt
Cement Company Name: Halliburton Services
Invoice #: 081860

API NO. 15-097-20016-A
County: Kiowa
C NE SW 22 27S 16 East
Sec Twp Rge X West
1980 Ft North from Southeast Corner of Section
3300 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)
Lease Name: Clark A Well #: 3
Field Name: Fruit NE
Producing Formation: Mississippi
Elevation: Ground: 2086 2095 KB

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: CD-113121C-22,388
Docket # Disposal Repressuring

Questions on this portion of the ACO-1 call:

Water Resources Board (913) 296-3717

Source of Water:
Division of Water Resources Permit #:
Groundwater: Ft North from Southeast Corner (Well)Ft West from Southeast Corner of Sec Twp Rge East West
Surface Water: Ft North from Southeast Corner (Stream, pond etc)Ft West from Southeast Corner Sec Twp Rge East West
Other (explain): Purchased/City Greensburg (purchased from city, R.W.D. #)

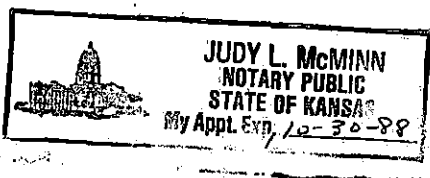
INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 and 82-3-107 apply. Information on side two of this form will be held 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 drillers time log shall be attached with this form. 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: J. Mark Richardson
Title: Operator Date: 2-24-86

Subscribed and sworn to before me this 24th day of FEBRUARY 1986
Notary Public: Judy L. McMinn
Date Commission Expires: 10-30-88

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



Form ACO-1 (7-84)
RECEIVED
STATE CORPORATION COMMISSION
FEB 25 1986 2-25-1986
CONSERVATION DIVISION

Section 27 Page 16

Operator Name J. Mark Richardson Lease Name Clark A Well # 3

Sec. 22 Twp. 27S Rge. 16W East West County Kiowa

WELL LOG

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 OWWO Yes No
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No

Formation Description
 Log Sample

DST 4592-2610 15-60-60 GTS 60"; SI 90".
 Rec. 290' GCM
 ISP/FFP 151/164 ISIP/FSIP 1372/1523

DST 4608-4620 15-60-90-60
 Rec. 110' Salty GCM
 IFP/FFP 0/230 ISIP/FSIP 1314/1555

DST 4620-40 15-60-60-60
 Rec. 15' Mud
 IFP/FFP 31-74/508 ISIP/FSIP 963/508

| Name | Top | Bottom |
|------------|-----------|--------|
| ANH | 1007-1088 | |
| HEEBNER | 3902-1807 | |
| DOUGLAS | 3920-1825 | |
| BR. LOME | 4060-1965 | |
| LANSING | 4078-1983 | |
| BP MISS_OS | 4586-2491 | |
| KH | 4634-2539 | |
| ER VI | 4686-2591 | |
| VIOLA | 4716-2621 | |

| CASING RECORD <input type="checkbox"/> New <input checked="" 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 | | 8 5/8 | | 368 | | 300 | |
| Production | | 4 1/2 | 10.5# | 492' | Posmix | 275 | |
| PERFORATION RECORD | | | | Acid, Fracture, Shot, Cement Squeeze Record | | | |
| Shots Per Foot | Specify Footage of Each Interval Perforated | | | (Amount and Kind of Material Used) | | Depth | |
| 4 | 4600-4608 | | | | | | |
| TUBING RECORD | | Size 2 3/8 | Set At 4668 | Packer at | Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No | | |
| Date of First Production | | Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain)..... | | | | | |
| Estimated Production Per 24 Hours | | Oil 8 Bbls | Gas MCF | Water 8 Bbls | Gas-Oil Ratio | Gravity 36. | |

METHOD OF COMPLETION Production Interval

Disposition of gas: Vented Open Hole Perforation 4600-4608
 Sold Other (Specify)
 Used on Lease Dually Completed
 Conmingled