

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

API NO. 15- 175-21274

County Seward

C - NE Sec. 35 Twp. 31^S Rge. 32 X

7450
COPY

3960 Feet from (S)N (circle one) Line of Section

1320 Feet from (E)W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)

Lease Name Woodward Well # A-1

Field Name Wildcat

Producing Formation _____

Elevation: Ground 2839 KB 2849

Total Depth 5935 PBDT _____

Amount of Surface Pipe Set and Cemented at 1678 Feet

Multiple Stage Cementing Collar Used? Yes X No _____

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cat

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

Chloride content _____ ppm Fluid volume _____ bbl

Dewatering method used _____

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

Quarter _____ Sec. _____ Twp. _____ S Rng. _____ E/W

County _____ Docket No. _____

Operator: License # 5293

Name: Helmerich & Payne, Inc.

Address P.O. Box 558

City/State/Zip Garden City, KS 67846

Purchaser: _____

Operator Contact Person: Ken Jehlik

Phone (316) 276-3693

Contractor: Name: Cheyenne Drilling

License: _____

Wellsite Geologist: Bob Owens

Designate Type of Completion
 New Well Re-Entry Workover

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

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

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

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

10-16-92 10-26-92 10-27-92
Spud Date Data Reached TD Completion Date
P & A

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 [Signature]

Title District Engineer Date 10-28-92

Subscribed and sworn to before me this 30 day of Oct, 1992.

Notary Public [Signature]

Date Commission Expires August 15, 1996

| | | |
|-------------------------------------|-------------------------------------|--|
| K.C.C. OFFICE USE ONLY | | |
| F | <input type="checkbox"/> | Letter of Confidentiality Attached |
| C | <input checked="" type="checkbox"/> | Wireline Log Received |
| C | <input type="checkbox"/> | Geologist Report Received |
| Distribution | | |
| <input checked="" type="checkbox"/> | KCC | <input type="checkbox"/> SWD/Rep |
| <input checked="" type="checkbox"/> | KGS | <input type="checkbox"/> Plug |
| <input type="checkbox"/> | | <input checked="" type="checkbox"/> NGPA |
| | | <input type="checkbox"/> Other (Specify) |

Operator Name Helmerich & Payne, Inc. Lease Name Woodward Well # A-1
 Sec. 35 Twp. 31^S Rge. 32 East West
 County Seward

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem test 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 checked="" type="checkbox"/> Log | Formation (Top), Depth and Datum | <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 checked="" type="checkbox"/> No | Chase | 2641 | |
| Electric Log Run (Submit Copy.) | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Council Grove | 3016 | |
| List All E.Logs Run: | Induction electric & neutron density | Heebner | 4229 | |
| DST 1 Morrow 5502-5540 | DST 2 5423-5934 | Lansing | 4336 | |
| IH-2683 | IH-2718 Atoka | Marmaton | 4962 | |
| 30" IFP-41-41 | 30" IFP-162-162 Morrow | Cherokee Shale | 5124 | |
| 60" ISIP-1587 | 60" ISIP-1162 | Atoka | 5268 | |
| 90" FFP-27 to 27 | 90" FFP-194-194 | Morrow | 5488 | |
| 180" FSIP-1662 | 180" FSIP-1377 | Chester | 5518 | |
| FH-2559 | FH-2627 CASING RECORD | St. Gen | 5708 | |
| Rec: 20' mud | Rec: 240' GIP, 340' GM | St. Louis | 5856 | |

Report all strings set-conductor, New Used
 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 1/2 | 8-5/8 | 24 | 1678 | HLC | 600 | 6% ge 2% CC, lake |
| | | | | | Class C | 150 | 2% CC 1/2% flake |

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 |
|----------------|---|---|-------|
| | None | | |

| TUBING RECORD | Size | Set At | Packer At | Liner Run | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
|--|--|---------|-------------|---------------|---|
| 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 (Ex n) | | | | |
| 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 Perf. Dually Comp. Commingled None
 Production Interval: None