

14-26-35W ORIGINAL 15-093-21204

OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION FORM  
ACG-1 WELL HISTORY  
DESCRIPTION OF WELL AND LEASE

*Jud*

County Kearny Approx SW - SE - NE Sec. 14 Twp. 26<sup>S</sup> Rge. 35 X

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 or Millard Lindsay

Phone (316) 276-3693

Contractor: Name: Cheyenne Drilling

License: 5382

Geologist: GEO

Designate Type of Completion  
 New Well  Re-Entry  Workover

Oil  SWD  S10W  Temp. Abd.  
 Gas  ENHR  S10G  
 Dry  Other (Core, USU, 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  PBTB  
 Commingled  Docket No. \_\_\_\_\_  
 Dual Completion  Jacket No. \_\_\_\_\_  
 Other (SWD or Inj?) Docket No. \_\_\_\_\_

3-27-92 4-5-92 7-8-92  
Spud Date Date Reached TD Completion Date  
State Test

2970 Feet from SN (circle one) Line of Section  
1190 Feet from UN (circle one) Line of Section

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

Lease Name Flint Hills Well # 1

Field Name Unnamed

Producing Formation Lansing F

Elevation: Ground 3002 KB 3013

Total Depth 5200 PBTB 5166

Amount of Surface Pipe Set and Cemented at 1886 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set 3091 Feet

If Alternate II completion, cement circulated from 3091

feet depth to Surface w/ 500 sx cement

Drilling Fluid Management Plan  
(Data must be collected from the Reserve Pit) *ALT 1 7-16-92 DJW*

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. \_\_\_\_\_

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 Ken Jehlik  
Title District Production Engineer Date 7-9-92

Subscribed and sworn to before me this 9th day of July,  
1992  
Judith Richmeier  
August 13, 1992

K.C.C. OFFICE USE ONLY  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Geologist Report Received  
Distribution  
 KCC  SWD/Rep  NSPA  
 KCS  Plug  Other (Specify)

RECEIVED  
STATE CORPORATION COMMISSION  
WICHTHA, KANSAS  
EXPIRES  
August 13, 1992

Operator Name Helmerich & Payne, Inc. PETROLEUM INFO

Lease Name Flint Hills 3162678106

Well # 1 P. 31

Sec. 14 Twp. 26<sup>S</sup> Rge. 35

East  
 West

County Kearny

14-26-35W

**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  Yes  No  
(Attach Additional Sheets.)

Samples Sent to Geological Survey  Yes  No

Cores Taken  Yes  No

Electric Log Run  Yes  No  
(Submit Copy.)

List All E.Logs Run: DI-GR, Sonic, FDC-CNL,  
Microlog.

5 attached for DST's

| Log | Formation (Top), Depth and Datum | Sample Datum |
|-----|----------------------------------|--------------|
|     | Name Top                         | Datum        |
|     | Heebner 3820                     |              |
|     | Lansing A 3909                   |              |
|     | KC A 4278                        |              |
|     | Marmaton C 4420                  |              |
|     | Morrow 4887                      |              |
|     | St Gen 4972                      |              |
|     | St Louis B 5048                  |              |
|     | St Louis D 5151                  |              |
|     | LTD 5207                         |              |

**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 3/8            | 8-5/8                     | 24 & 32         | 1886          | 65/35 Poz C Class H | 580<br>150   | 6% gel, 2% CC, 2% flake    |
| Production        | 7-7/8             | 5 1/2                     | 14              | 5200          | 50/50 Poz C         | 360          | 2% gel, 10% s              |
|                   |                   |                           | Top Stage       |               | 65/35 Poz C         | 350          | 2% flake, 2%               |
|                   |                   |                           |                 |               | 50/50 Poz C         | 150          | 2% gel, 10% s              |

**ADDITIONAL CEMENTING/SQUEEZE RECORD**

Stage tool @ 3091

| Purpose:       | Depth Top Bottom | Type of Cement | #Sacks Used | Type and Percent Additives |
|----------------|------------------|----------------|-------------|----------------------------|
| Perforate      |                  |                |             |                            |
| Protect Casing |                  |                |             |                            |
| Plug Back TB   |                  |                |             |                            |
| 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 |
|----------------|--|--|-------|
| 4              | 5048-5052 St. Louis B  | 750 gals 15% HCl   |       |
|                | CIBP @ 5025  |  |       |
| 4              | 4129-4134 Lansing F  | 750 gals 15% HCl - 50 sks Class H  |       |
| 4              | 4129-4134 Lansing F  | 750 gals 15% HCl   |       |

| TUBING RECORD | Size  | Set At | Packer At | Liner Run | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
|---------------|-------|--------|-----------|-----------|---|
|               | 2-3/8 | 4232   | None      |           |   |

Date of First, Resumed Production, SUD or Inj. 5-28-92 Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

| Estimated Production Per 24 Hours | Oil  | Bbls. | Gas | Mcf | Water | Bbls. | Gas-Oil Ratio | Gravity |
|-----------------------------------|------|-------|-----|-----|-------|-------|---------------|---------|
|                                   | 26.7 |       | 0   |     | 12    |       |               |         |

Disposition of Gas:  Vented  Sold  Used on Lease

METHOD OF COMPLETION:  Open Hole  Perf  Dualty Comp  Confinated

Production Interval: 4129-4134

14-26-35W



Computer Inventoried

ORIGINAL

# HELMERICH & PAYNE, INC. UTICA AT TWENTY-FIRST - TULSA, OKLAHOMA 74114

KANSAS DISTRICT  
PRODUCTION DEPARTMENT

REPLY TO: P.O. BOX 558  
GARDEN CITY, KANSAS 67846

APL # 15-093-21204

### Flint Hills #1 Drill Stem Tests

DST #1 Lansing F 4124-4136

- IH - 2045
  - 30" IFP - 64-112
  - 60" ISIP - 1032
  - FH - 2028
- (Aborted final open on test)

Recovery:  
180' GIP  
80' OCM  
60' OCM & sulphur water

DST #2 St. Louis B 5030-5100

- IH - 2480
- 30" IFP - 48 to 48
- 60" ISIP - 354#
- 60" FFP - 48 to 48
- 120" FSIP - 225#
- FH - 2464

Recovery:  
60' OCM

DST #3 St. Louis C 5080-5140

- IH - 2543
- 30" IFP - 96 to 96
- 60" ISIP - 967
- 60" FFP - 96 to 96
- 120" FSIP - 822
- FH - 2511

Recovery:  
120' mud

DST #4 - Hit bridge. Aborted test.

DST #5 - Hit bridge. Aborted test.

STA  
RECEIVED  
CORPORATION COMMISSION  
JUL 10 1992  
CONSERVATION DIVISION  
Wichita, Kansas