

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

Operator: License # 4742

Name: Texaco E & P, Inc.

Address P.O. Box 2700

City/State/Zip Pampa, TX 79066-2700

Purchaser: Northern Natural Gas

Operator Contact Person: Sylvia Porter

Phone ( 806 ) 669-8456

Contractor: Name: Allen Drilling Co.

License: 5418

Wellsite Geologist: Phil Schreiner

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: \_\_\_\_\_

Well Name: \_\_\_\_\_

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

☐ Deepening ☐ Re-perf. ☐ Conv. to Inj/SWD

☐ Plug Back ☐ PBDT

☐ Commingled ☐ Docket No. \_\_\_\_\_

☐ Dual Completion ☐ Docket No. \_\_\_\_\_

☐ Other (SWD or Inj?) ☐ Docket No. \_\_\_\_\_

10-24-95 10-27-95 11-13-95

Spud Date Date Reached TD Completion Date

SIDE ONE

API NO. 15- 189-21980

County Stevens

              C NE Sec. 13 Twp. 35S Rge. 39 X E  
W

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 M. C. Sandford Well # 13-3

Hugoton

Producing Formation U&L Krider, Winfield, Ft. Riley

Elevation: Ground 3279' KB 3289'

Total Depth 2900' PBDT 2864'

Amount of Surface Pipe Set and Cemented at 620' 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/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan all I 8-6-96  
(Data must be collected from the Reserve Pit) LC

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

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

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

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

Lease Name \_\_\_\_\_ License No. \_\_\_\_\_

       Quarter        Sec.        Twp.        Rge.        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 [Signature]

Title Operations Manager Date 1-25-96

Subscribed and sworn to before me this 25<sup>th</sup> day of JANUARY

19 96  
Notary Public Merle W. Russell

Date Commission Expires 2-23-99

| 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"/> Drillers Timelog Received          |  |
| Distribution                            |   |  |
| <input checked="" type="checkbox"/> KCC | <input type="checkbox"/> SWD/Rep                            | <input type="checkbox"/> NGPA                      |
| <input type="checkbox"/> KGS            | <input type="checkbox"/> Plug                               | <input type="checkbox"/> Other (Specify) <u>IS</u> |

SIDE TWO

Operator Name **Y903** **Texaco E & P Inc.**Lease Name **M. C. Sandford**Well # **13-3**Sec. **13** Twp. **35S** Rge. **39** ☐ East ☒ WestCounty **Stevens**

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.)☒ Log

Formation (Top), Depth and Datums

☐ SampleSamples Sent to Geological Survey ☐ Yes ☒ NoCores Taken ☐ Yes ☒ No

Name

Top

Datum

Electric Log Run ☒ Yes ☐ No  
(Submit Copy.)

See Attached

List All E.Logs Run:

Compensated Neutron/Array Induction

## 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           | 12-1/4"           | 8-5/8"                    | 24#             | 620'          | See Att.       |              |                            |
| Production        | 7-7/8"            | 4-1/2"                    | 10.5#           | 2899'         | See Att.       |              |                            |

## ADDITIONAL CEMENTING/SQUEEZE RECORD

| Purpose        | Depth Top Bottom | Type of Cement | #Sacks Used | Type and Percent Additives |
|----------------|------------------|----------------|-------------|----------------------------|
| Perforate      |                  |                |             |                            |
| Protect Casing |                  |                |             |                            |
| Plug Back TD   |                  |                |             |                            |
| Plug Off Zone  |                  |                |             |                            |

| 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 |
|----------------|---|---|-------|
| 1              | 2664 - 2674'  | 2500 Gal. 15% HCL w/136,280#  |       |
| 1              | 2702 - 2726'  | 12/20 Brady Sand w/777 bbls.  |       |
| 1              | 2762 - 2780'  | 20# crosslinked Gel   |       |
| 1              | 2814 - 2840'  |   |       |

| TUBING RECORD | Size   | Set At | Packer At | Liner Run   |
|---------------|--------|--------|-----------|---|
|               | 2-3/8" | 2804'  |           | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |

| Date of First Resumed Production, SWD or Inj. Production | Producing Method  |
|--|---|
| 11-17-95   | <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 | Bbls. | Gas | Mcf | Water | Bbls. | Gas-Oil Ratio | Gravity |
|-----------------------------------|-----|-------|-----|-----|-------|-------|---------------|---------|
|                                   | 0   |       | 320 |     | 0     |       |               |         |

Disposition of Gas:

METHOD OF COMPLETION

Production Interval

☐ Vented ☒ Sold ☐ Used on Lease  
(If vented, submit ACO-18.)☐ Open Hole ☒ Perforation ☐ Dually Completed ☐ Commingled  
☐ Other (Specify) \_\_\_\_\_

2664 - 2840'

ORIGINAL

**M. C. SANDFORD #13-3**

API #15-189-21980  
Section 8-35S-39W  
Stevens County, Kansas

15-189-21980

**Formation Tops and Datum**  
(KB Elevation +3289.0')

| <u>Formation</u> | <u>Top</u> | <u>Datum</u> |
|------------------|------------|--------------|
| Upper Krider     | 2664'      | +625         |
| Lower Krider     | 2702'      | +587         |
| Winfield         | 2762'      | +527         |
| Upper Ft. Riley  | 2814'      | +475         |

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ORIGINAL

**M. C. SANDFORD #13-3**

API #15-189-21978  
Section 8-35S-39W  
Stevens County, Kansas

15-189-21980

Cementing Data

8-5/8" Surface Casing Cement - Dowell Schlumberger Inc. - Invoice #0312-7724

225 sacks 35/65 Poz/C, 6% D20, 2% S1, 1/4#/sk. D-29

150 sacks Class C, 2% S1, 1/4#/sk. D-29

Circulated approximately 36.5 bbls. to surface

4-1/2" Production Casing Cement - Dowell Schlumberger Inc. - Invoice #0312-7743

325 sacks Class C, 3% D79, 1/4#/sk. D-29

200 sacks Class C, 1/4#/sk D-29

Circulated 20 bbls. to surface

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