

COPY

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

Operator: License # 3882

Name: Samuel Gary Jr. & Associates, Inc.

Address 1670 Broadway, Suite 3300

City/State/Zip Denver, CO 80202-4838

Purchaser: Gary-Williams Company

Operator Contact Person: Tom Fertal

Phone 303-831-4673

Contractor: Name: Duke Drilling Co., Inc.

License: 5929

Wellsite Geologist: Dale Padgett

Designate Type of Completion

☒ New Well ☐ Re-Entry ☐ Workover☒ Oil ☐ SWD ☐ SLOW ☐ Temp. Abd.☐ Gas ☐ ENHR ☐ SIGW☐ Dry ☐ Other (Core, WSW, Expl., Cathodic, etc.)

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

Operator:

Well Name:

Comp. Date

Old Total Depth

Deepening

Re-Perf.

Plug Back

Commingled

Dual Completion

Other (SWD or Inj?)

Docket No.

Docket No.

Docket No.

9/17/99

9/30/99

10/25/99

Spud Date

Date Reached TD

Completion Date

API No. 15- 033-210330000

County Comanche

NE - SW - SE Sec. 23 Twp. 32 Rge. 19 X W

1130 Feet from South Line of Section

1800 Feet from East Line of Section

Footages calculated from nearest outside section corner: SE

Lease Name City of Coldwater Well # 23-15

Field Name Wildcat

Producing Formation Viola

Elevation: Ground 1984' KB 1997'

Total Depth 6150' PBDT 6052'

Amount of Surface Pipe Set and Cemented at 661 Feet

Multiple Stage Cementing Collar Used? ☒ Yes ☐ No

If yes, show depth set 5256 Feet

If Alternate II completion, cement circulated from

feet depth to w/ sx cmt.

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

Chloride content 40,000 ppm Fluid Volume 8000 bbls

Dewatering method used removed free fluids, hauled off mud

Location of fluid disposal if hauled offsite:
free fluids to KBW Oil & Gas Harmon SWD
mud to SE/4 Sec 2-33S-19W

Operator Name KBW Oil & Gas

Lease Name Harmon SWD

Quarter Sec. 11 Twp. 32 Rge. 19

County Comanche Docket No. CD 98329

INSTRUCTIONS: An original and two copies of this information shall be filed with the Kansas Corporation Commission, 130 South Market, Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82030196 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 geological well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 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

Title Senior Geologist

Date Jan. 10, 2000

Subscribed and sworn to before me this 10th day of January 1999, 2000.

Notary Public

My Commission Expires

MY COMMISSION EXPIRES:
FEBRUARY 04, 2003

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 Samuel Gary Jr. & Associates, Inc.**CONFIDENTIAL**

Lease Name

City of Coldwater

COPY

Well #

23-15

Sec. 23 Twp. 32S Rge. 19☐ East
☒ WestCounty Comanche

Instructions: Show important tops and base of formation 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.)Sample Sent to Geological Survey ☒ Yes ☐ NoCores Taken ☐ Yes ☒ NoElectric Log Run ☒ Yes ☐ No
(Submit Copy.)List all E. Logs Run: dual induction
comp neutron density
sonic log
microlog☒ Log Formation (Top), Depth and Datum ☐ Sample
Name Top Datum

| | | |
|-------------------|------|-------|
| Stone Corral | 981 | 1016 |
| Hutchinson Salt | 1749 | 248 |
| Base Heebner | 4247 | -2250 |
| Lansing | 4414 | -2417 |
| Marmaton | 4946 | -2949 |
| Pawnee | 4997 | -3000 |
| Cherokee | 5050 | -3053 |
| Miss Unconformity | 5118 | -3121 |
| Kinderhook | 5693 | -3696 |
| Viola | 5775 | -3778 |
| Simpson | 5926 | -3929 |
| Arbuckle | 6058 | -4061 |
| TD | 6152 | |

KCC

JAN 10 2000

CONFIDENTIALCASING 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 |
|-------------------|-------------------|---------------------------|-----------------|---------------|----------------------------|--------------|--|
| conductor | 30" | 20" | | 60' | 10 sk grout | 8 yds | |
| surface | 12-1/4" | 8-5/8" | 25 | 661' | Class A & Allied Light Cmt | 400 | 3% CC & 1/4#/sk flocele |
| production | 7-7/8" | 5-1/2" | 15.5 | 6131' | Midcon II | 315 | 2% CC, 1/4#/sk flocele, 5#/sk gilsonite, 0.4% H-344 & 0.5% CFR-2 |

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 | | | | |

JAN 11 2000

| 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 | 5784-92 & 5794-5804' | none | |
| | | | |
| | | | |
| | | | |

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KANSAS CORPORATION COMMISSION
WICHITA, KS**RELEASED**

MAY 17 2002

FROM CONFIDENTIAL

| TUBING RECORD | Size | Set At | Packer At | Liner Run |
|--|---|---------|-----------|---|
| | 2-3/8" | 6022' | | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Date of First, Resumed Production, SWD or Inj. | Producing Method | | | |
| 10/25/99 | <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 trc | Mcf | Water Bbls. |
| | 31.73 | | | 53.44 |
| | | | | Gas-Oil Ratio |
| | | | | 34 |

Disposition of Gas

METHOD OF COMPLETION

Production Interval

☐ Vented ☐ Sold ☐ Used on Lease
(If vented, submit ACO-18).
☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled 5784-5804' OA
☐ Other (Specify) _____