KANSAS CORPORATION COMMISSIO OIL & GAS CONSERVATION DIVISION



WELL COMPLETION FORM **WELL HISTORY – DESCRIPTION OF WELL 8**

| DN | Form ACO-1 September 1999 |
|---|------------------------------------|
| | m Must Be Typed |
| R LEASE ORIGINAL | AMENDED |
| 1128-0000 | |
| ORTH | |
| Sec. <u>20</u> Twp. <u>16</u> S. R. <u>7</u> | ☐ East ☒ West |
| feet from SOUTH Line of Section | on |
| feet from EAST Line of Section | |
| from Nearest Outside Section Corner: | |
| NE SE NW SW | |
| FLEMING Well #: | |
| WILDCAT | |
| n: GRAND HAVEN | |
| 1645' Kelly Bushing:[264' Plug Back Total Depth: | |
| Pipe Set and Cemented at30 | |
| nting Collar Used? | ☐ Yes ⊠ No |
| • | Feet |
| etion, cement circulated from | |
| w/ | sx cmt. |
| ar | 1-Dlg-3/29/10 |
| gement Plan | 0 , |
| ed from the Reserve Pit) | |
| ppm Fluid volume | bbls |
| used | |
| osal if hauled offsite: | |
| License No.: | |
| c Twp S. R [| l East □ West |
| Docket No.: | |
| | |
| on Commission, 130 South Market-Room well. Rule 82-3-130, 82-3-106 and 8 in writing and submitted with the form ort shall be attached with this form. AL Ill temporarily abandoned wells. | 32-3-107 apply. (see rule 82-3- |
| try have been fully complied with and t | the statements |
| KCC Office Use ONLY | |
| ter of Confidentiality Attached | |
| vied, Yes 🗆 Date: | |
| eline) og Received | |
| ogis Report Received | ECFIVED |

CONCERNAL PROPERTY ISLOW

| Operator: License # 3882 | API No. 15 - 053-21128-0000 |
|--|--|
| Name: SAMUEL GARY JR. & ASSOCIATES, INC. | County: ELLSWORTH |
| Address: 1515 WYNKOOP, SUITE 700 | NW SESec20_ Twp16_ S. R7 ☐ East ☑ West |
| City/State/Zip: DENVER, CO 80202 | 2000 feet from SOUTH Line of Section |
| Purchaser: | 2390 feet from EAST Line of Section |
| Operator Contact Person: TOM FERTAL | Footages Calculated from Nearest Outside Section Corner: |
| Phone: (303) 831-4673 | (circle one) NE (SE) NW SW |
| Contractor: Name: MCGOWN DRILLING | Lease Name: FLEMING Well #: 1X-20 |
| License: 5786 | Field Name: WILDCAT |
| Wellsite Geologist:TIM_HEDRICK | Producing Formation: GRAND HAVEN |
| Designate Type of Completion: | Elevation: Ground:1645' Kelly Bushing:DATUM = GL |
| X New Well Re-Entry Workover | Total Depth:2264' Plug Back Total Depth: |
| OilSWDSIOWTemp Abd. | Amount of Surface Pipe Set and Cemented at 300 Feet |
| X Gas ENHR SIGW | Multiple State Cementing Collar Used? ☐ Yes ☐ No |
| Dry Other | If yes, show depth set Feet |
| If Workover/Re-entry: Old Well Info as follows: | If Alternate II completion, cement circulated from |
| Operator: | feet depth tow/sx cmt. |
| Well Name: | am-Dlg-3/29 |
| Original Comp. Date: Original Total Depth: | Drilling Fluid Management Plan |
| Deepening Re-perf Conv. to Enhr./SWD | (Data must be collected from the Reserve Pit) |
| Plug Back Plug Back Total Depth | Chloride content ppm Fluid volume bbls |
| Commingled Docket No | Dewatering method used |
| Dual Completion Docket No | Location of fluid disposal if hauled offsite: |
| Other (SWD or Enhr.?) Docket No. | Operator Name: |
| | Lease Name: License No.: |
| 6/3/2004 6/10/2004 2/1/2010 Spud Date or Date Reached TD Completion Date or | Quarter Sec Twp S. R 🔲 East 🗌 West |
| Recompletion Date Recompletion Date Recompletion Date | County: Docket No.: |
| Kansas 67202, within 120 days of the spud date, recompletion, workove Information on side two of this form will be held confidential for a period of | |
| herein are complete and correct to the best of my knowledge. | Sind gate insecting national process and the statements |
| Signature: | KCC Office Use ONLY Letter of Confidentiality Attached |
| Title: SR. GEOLOGIST Date: 3/22/2010 | GTOL TAY Devied, Yes Date: |
| Subscribed and sworn to before me this 22 ND day of MARCH | TAR Willing og Received |
| 2010. | Geologis Report Received |
| Notary Public: Notary Public: | Geologist Report Received WANSAS CORPORATION COMMISSION |
| Date Commission Expires: | UIC Distribution MAR 25 7010 |
| | |

My Commission Expires 05/11/2013

| Operator Name: _ | SAMEUL GA | RY JR. & ASSC | CIATES, IN | NC. | | ease Name: | FLE | MING | | Well #: | 1X-20 | |
|--|---|--|-------------|-------------------------|---|---------------------------------------|---------------------|------------------|--|-----------------------|---------------|--|
| Sec. 20 | Twp16 | S. R | 7 |] East ⊠ We | est C | County: | ELLS | SWORTH | | | | |
| tool open and close | ed, flowing ar | nd shut-in press test, along with f | ures, wheth | er shut-in pres | ssure reache | d static level, | hydrost | atic pressu | drill stem tests givin res, bottom hole tem of all Electric Wireli | perature, fl | uid recovery, | |
| Drill Stem Tests Ta | | ⊠ Yes | | No . | ⊠ Lo | g | Forma | tion (Top), l | Depth and Datum | | ☐ Sample | |
| Sample Sent to Geological Survey Yes | | | No | Name HUTCH HERRIN | SON SALT | | | Top 66 104 | 31' | Datum +984 +603 | | |
| Cores Taken | | ☐ Yes | \boxtimes | No | FLORE | NCE | | | 124 | 48' | +397 | |
| Electric Log Run (Submit Copy) | | ⊠ Yes | | No | SEVER | HAVEN (| | | 162 182 218 | 29' -184 39' -544 | | |
| List All E. Logs Run: RADIATION GUARD LOG NEUTRON / DENSITY POROSITY LOG | | | | | TOPEK/ TD | 1 | | | 222 226 | | -581 | |
| | | | CASING RE | | ⊠ Nev | | | .: | | | | |
| | Size Hole | | | | | Type of | product | # Sacks | | | | |
| Purpose of string | Drilled | Set (in O.D.) | Lbs./Ft | . Depth | · · · · · · · · · · · · · · · · · · · | | | Used | Type and Percent Additives | | Additives | |
| SURFACE | 12-1/4" | 8-5/8" | 20 | 300' | CLASS A | | | 165 | 2% GEL & 3% CC | | | |
| PRODUCTION | 6-3/4" | 4-1/2" | 10.5 | 1958' | , SMD EA-2 | | | 50 60 | 5#/sk Gilsonite 1/2% Halad | | | |
| | | | | | | | | | | | | |
| Γ | W | Depth | | ADDITIONAL | CEMENTIN | G/SQUEEZE I | RECOR | RD | | | | |
| Purpose: | | Top Bott | om | Туре | | # Sacks Used Type and Percent Additiv | | | dditives | | | |
| Perforate Protect Casing Plug Back TD | | | | | | | <u> </u> | | | | | |
| Plug Off Zo | ne | | | | | | Ш. | | | | | |
| Shots per Foot | PERFORATION RECORD – Bridge Plugs Set/Type Shots per Foot PERFORATION RECORD – Bridge Plugs Set/Type Acid. Fracture, Shot, Cement, Squeeze Record (Amount and Kind of Material Used) Der | | | | | | | | | ord Depth | | |
| 4JSPF | 1844' - 1850 | | | | | NATURAL | | | | | | |
| | NATURAL 1840' - 1850 KANSAS CORPORATION COMMISSION | | | | | | | | | | | |
| | | | | | | | | | MAR 25 20 | 71n | , | |
| | | | | | | | | | | | | |
| | | | | | | | | | CONSERVATION D WICHITA, KS | IVISION | | |
| TUBING RECORD Size Set At Packer A NONE | | | | | | Liner Run ☐ Yes ☒ No | | | | | | |
| Date of First, Resun | | on, SWD or Enh | r. Prod | ucing Method | | | | | _ | | | |
| Estimated Production | 2/1/10 on | Oil Bb | le C | ac M | cf W | | | Pumping | Gas Lift | Oth | er (Explain) | |
| Per 24 Hours | | Oii BD | 19. | as M 400 | VV | ater Bb | ns. | Ga | s-Oil Ratio | | Gravity | |
| Disposition of Gas METHOD OF COMPLETION Production Inte | | | | | | | Production Interval | | | | | |
| ☐ Vented ☑ If vented, subm | Sold it ACO-18.) | ☐ Used on | Lease | □Ор | en Hole | ⊠ Perf. | | ually Comp | . Comming | led | 1844' - 1850' | |
| | | | | ☐ Oth | ner (Specify) | | | | | | | |



March 22, 2010

Mr. Dave William Kansas Corporation Commission 130 South Market, Room 2078 Wichita, Kansas 67202

Re:

Fleming 1X-20

Ellsworth County, Kansas API# 15-053-21128-0000

Dear Dave,

Attached please find the updated ACO-1 (including completion date) for the referenced well. We originally filed the ACO-1 on September 27, 2004 as "Delayed Completion", due to the wait on obtaining a pipeline connection for selling gas. This well has since been completed as of February 1, 2010.

If there are any questions, or if you need any additional information, please contact Tom Fertal at 720-746-5006.

Sincerely,

SAMUEL GARY JR. & ASSOCIATES, INC.

Kristol Taylor Geo/Engineer Tech

Enclosures

