CORRECTION #1

Confidentiality Requested: Yes No

Kansas Corporation Commission OIL & GAS CONSERVATION DIVISION

Form ACO-1 August 2013 Form must be Typed Form must be Signed All blanks must be Filled

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

| OPERATOR: License # | | | API No. 15 |
|--|-----------------|----------------------|--|
| Name: | | | Spot Description: |
| Address 1: | | | SecTwp S. R |
| Address 2: | | | Feet from North / South Line of Section |
| City: Sta | ate: Zi | p:+ | Feet from |
| Contact Person: | | | Footages Calculated from Nearest Outside Section Corner: |
| Phone: () | | | □NE □NW □SE □SW |
| CONTRACTOR: License # | | | GPS Location: Lat:, Long: |
| Name: | | | (e.g. xx.xxxxx) (e.gxxx.xxxxxx) |
| Wellsite Geologist: | | | Datum: NAD27 NAD83 WGS84 |
| Purchaser: | | | County: |
| Designate Type of Completion: | | | Lease Name: Well #: |
| New Well Re- | Entry | Workover | Field Name: |
| | | | Producing Formation: |
| ☐ Oil ☐ WSW ☐ D&A | ☐ SWD | ∐ SIOW □ SIGW | Elevation: Ground: Kelly Bushing: |
| ☐ Gas ☐ D&A ☐ OG | GSW | Temp. Abd. | Total Vertical Depth: Plug Back Total Depth: |
| CM (Coal Bed Methane) | d3vv | remp. Abu. | Amount of Surface Pipe Set and Cemented at: Fee |
| Cathodic Other (Core, | . Expl., etc.); | | Multiple Stage Cementing Collar Used? Yes No |
| If Workover/Re-entry: Old Well Info | | | If yes, show depth set: Fee |
| Operator: | | | If Alternate II completion, cement circulated from: |
| Well Name: | | | feet depth to: sx cm |
| Original Comp. Date: | | | · |
| Deepening Re-perf. | Conv. to E | NHR Conv. to SWD | Drilling Fluid Management Plan |
| ☐ Plug Back | Conv. to G | SW Conv. to Producer | (Data must be collected from the Reserve Pit) |
| O constituents of | D | | Chloride content: ppm Fluid volume: bbls |
| ☐ Commingled☐ Dual Completion | | | Dewatering method used: |
| SWD | | | Location of fluid disposal if hauled offsite: |
| ☐ ENHR | | | Location of haid disposal if hadied offsite. |
| ☐ GSW | | | Operator Name: |
| _ | | | Lease Name: License #: |
| Spud Date or Date Rea | ched TD | Completion Date or | QuarterSecTwpS. R East Wes |
| Recompletion Date | | Recompletion Date | County: Permit #: |

AFFIDAVIT

I am the affiant and I hereby certify that 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.

Submitted Electronically

| KCC Office Use ONLY |
|-----------------------------|
| Confidentiality Requested |
| Date: |
| Confidential Release Date: |
| Wireline Log Received |
| Geologist Report Received |
| UIC Distribution |
| ALT I II Approved by: Date: |

CORRECTION #1

Operator Name: _ Lease Name: __ Well #: _ County: _ INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed. Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF). **Drill Stem Tests Taken** No Loa Formation (Top), Depth and Datum Sample | Yes (Attach Additional Sheets) Name Top Datum No Samples Sent to Geological Survey Yes ☐ No J Yes Cores Taken Electric Log Run ___ Yes No List All E. Logs Run: CASING RECORD New Used Report all strings set-conductor, surface, intermediate, production, etc. Size Hole Size Casing Weight Setting Type of # Sacks Type and Percent Purpose of String Drilled Set (In O.D.) Lbs. / Ft. Depth Cement Used Additives ADDITIONAL CEMENTING / SQUEEZE RECORD Purpose: Depth Type of Cement # Sacks Used Type and Percent Additives Top Bottom Perforate **Protect Casing** Plug Back TD Plug Off Zone Did you perform a hydraulic fracturing treatment on this well? Yes No (If No, skip questions 2 and 3) No Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes (If No, skip question 3) Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? (If No, fill out Page Three of the ACO-1) Yes PERFORATION RECORD - Bridge Plugs Set/Type Acid, Fracture, Shot, Cement Squeeze Record Shots Per Foot Specify Footage of Each Interval Perforated Depth (Amount and Kind of Material Used) TUBING RECORD: Size: Set At: Packer At: Liner Run: Yes No Date of First, Resumed Production, SWD or ENHR. Producing Method: Flowing Pumping Gas Lift Other (Explain) **Estimated Production** Oil Bbls Gas Mcf Water Bbls. Gas-Oil Ratio Gravity Per 24 Hours METHOD OF COMPLETION: DISPOSITION OF GAS: PRODUCTION INTERVAL: Open Hole Perf. Dually Comp. Commingled Vented Sold Used on Lease (Submit ACO-5) (Submit ACO-4) (If vented, Submit ACO-18.) Other (Specify)

| SHELL GULF OF MEXICO, INC. (34574) | Croft Farm | ns 3407-27 |
|---|--|--|
| PETE MARTIN DRILLING (34645) (SET THE CONDUCTOR) Call in DATE OF SPUD | SWD conductor 6/8/2012 | SWD Mouse Hole |
| spud in date | | 6/14/2012 |
| T.D date | 6/11/2012 6/12/2012 | 6/14/2012 6/14/2012 |
| Size Hole Drilled | 26" | 20" |
| Size Casing Set (in O.D) | 18' | 14" |
| conductor wall thickness | 250 | 188 |
| Weight Lbs./Ft. | 47.76 | 27.76 |
| Setting Depth | 60" | 77' |
| Type of Cement Cubic yards of cement | Type 1/2 Pottland Cement 5 cy | type 1/2 portland cement 5 cy |
| 2500 PSI Grout Mix | Yes | yes |
| Type and Percent of Additives | 15% Fly Ash | 15% fly ash |
| Comments | 0-9' Clay 9'-30'Hard Clay 30'-35' Sand Stone 35'-60' hard clay Water@40' | 0-9' clay 9'-30' hard clay 30'-35' sand stone 35/-77' hard clay |

CEMENT JOB REPORT



| EASE & WE | | | | | | | | | | 1111TV 645 | ICH PLAS | 10 | | |
|--|--|--|---|---|--|--|--|---|--|---|---|-------------------------------------|----------------|-----------------------|
| CROFT FA | LL NAME \RMS #27-1 - A | PI 15077218 | 420000 | LOCATION 27-34S- | w. | | | | - 1 | UNTY-PAR Harper Kan: | | K | | |
| ISTRICT McAlester | | <u>.</u> | | | CONTRACTOR | RIG# | | | TYF | PE OF JOB Surface | | | | |
| | & TYPE OF PL | ugs . | LIST-0 | SG-HARDV | | MECHANIC | AL BARRII | ERS | MD | | HANGER 1 | TYPES | MD | TVE |
| | | | | | | | | | | | | | | T |
| -5/6 TOP C | Cem Plug, Nit | ine cvi, Pik | NO STIDE, C | USTOWER | SUPPILIED | | Р | HYSIC | AL SIL | JRRY PRO | PERTIES | |) ' | . |
| | | | | | | | • | | AL OL | JIII I I I I | | <u> </u> | <u> </u> | |
| | | | | | | SACKS | SLURRY WGT | SLU | JRRY D | WATER GPS | PUMP | Bb | , | Bbi MIX |
| MATERIA | LS FURNISHE | D BY BJ | | LAE | REPORT NO. | CEMENT | PPG | | T | 0.0 | HR:MIN | | | WATER |
| H2O | | | | | | | 8.34 | | | | 1 | | 20 | |
| CLASS C + | ADDITIVES | | | | | 325 | 14.8 | | 1.35 | 6.3 | 4 | | 78 | 48. |
| H2O | | | | | | | 8.34 | <u>.</u> | | | | | 36 | |
| Available Mi | x Water | 350 | Bbl | . Availab | e Dispi. Fluid | 350 | В | bi. | | тот | ΓAL. | <u></u> 1 | 34 | 48. |
| | HOLE | | | | TBG-CSG- | | | | | | COLLAR | | | |
| SIZE 12.25 | % EXCESS | DEPTH 510 | | OD WG 0.625 | r. TYP 36 CSG | E MD | | GRA J-55 | | SHOE | 05 FL | <u>.OAT</u> 459 | | TAGE |
| 12.25 | | 1 510 | | 2.37:11 | | 1 30 | U 000 | 1-00 | i | - 3 | UU I | 409 | I | |
| 1 | LACT CACINO | | 1 2.77.1.3 | <u> </u> | <u> </u> | | DE DEDTIL | | 700 | | | | | |
| or extremely entrees there | LAST CASING | | 1 | PKR-CMT R | ET-BR PL-LINE | R PE | RF. DEPTH | | | CONN | V | VELL FLI | UID | WGT. |
| ID OD N 18. 18 | etro retra nell'attra del tratta della compania del | E MC | 1 | <u> </u> | ET-BR PL-LINE | | | 1 5 | | CONN | | | | WGT. |
| ID OD N | WGT TYPI 47. | E MD | TVD | PKR-CMT R | ET-BR PL-LINE (PE C | ER PE | BTN | 1 5 | 9.625 | CONN THREAD 8RD | TYPE | BASED | мц | WGT. |
| ID OD 1 18. 18 | WGT TYPI 47. | E MD | TVD 60 60 PL. FLUID | PKR-CMT R BRAND & T | ET-BR PL-LINE (PE L. | ER PE DEPTH TOP X PSI OP. M | BTN AX M | AX TB | 9.625 | CONN THREAD 8RD | TYPE WATER | BASED | MU | MIX |
| ID OD 1 18. 18 | WGT TYPI 47. DLUME UOM | DIS | 1 TVD 60 60 WG1 | PKR-CMT R BRAND & T | ET-BR PL-LINE (PE L. | ER PE DEPTH TOP X PSI OP. M | BTN AX M | AX TB | SIZE 9.625 G PSI | CONN THREAD 8RD N or RAT | TYPE WATER | BASED | M\ | MIX: /ATER |
| DISPL. VO | WGT TYPI 47. DLUME UOM | DIS | 1 TVD 60 60 WG1 | PKR-CMT R BRAND & T CAL, I | ET-BR PL-LINE /PE C PSI CAL. MA PLUG TO RI | ER PE DEPTH TOP X PSI OP. M | BTN AX M | AX TB | SIZE 9.625 G PSI | CONN THREAD 8RD N or RAT | TYPE WATER MAX CSG P | BASED SI perator | M\ | MIX: /ATER |
| DISPL. VO VOLUME | WGT TYPI 47. UME UOM BBLS H2 | DIS TYPE | PL. FLUID 8 | PKR-CMT R BRAND & T CAL. I I. BUMP I | ET-BR PL-LINE /PE C PSI CAL. MA PLUG TO RI | X PSI OP. M | AX M. | AX TBO | SIZE 9.625 G PSI | CONN THREAD 8RD N or RAT | TYPE WATER MAX CSG P | BASED SI perator | M\ | MIX: /ATER |
| D OD 11 18. 18 DISPL. VO VOLUME 36 | WGT TYPI 47. UME UOM BBLS H2 | DIS TYPE | PL. FLUID 8 | CSG, ETC. | PSI CAL. MAPLUG TO RI | X PSI OP. M | AX M. | AX TBO | SIZE 9.625 G PSI Operate | CONN THREAD 8RD N or RAT | TYPE WATER MAX CSG P TED O | BASED SI perator 1100 | MU W | MIX /ATER TANK |
| DISPL. VO VOLUME | WGT TYPI 47. UME UOM BBLS H2 | DIS TYPE O SETTING TO PRESSURE | PL. FLUID WGT 8 | CSG, ETC. | PRIOR TO CEM | X PSI OP. M | AX M. SI RAT | AX TBO | SIZE 9.625 G PSI Operato | CONN THREAD BRD N or RAT | TYPE WATER MAX CSG P FED O 2816 | BASED SI perator 1100 | M\ | MIX /ATER TANK |
| DISPL. VO VOLUME 36 | WGT TYPI 47. UUME UOM BBLS H2 | DIS TYPE O SETTING TO PRESSURE | PL FLUID WG 8 OL, RUNNING | PKR-CMT R BRAND & T CAL, I BUMP F 34 CSG, ETC. | PRIOR TO CEM | ER PEREPTH TOP X PSI OP. M EV. SQ. P | PROBLEM | AX TBO | SIZE 9.625 PSI Operato | CONN THREAD BRD N or RAT | TYPE WATER MAX CSG P FED O 2816 | BASED SI perator 1100 | MU W | |
| DISPL. VO VOLUME 36 EXPLANATIO TIME HR:MIN. | WGT TYPI 47. DLUME UOM BBLS H2 DN: TROUBLE PRESSU PIPE | DIS TYPE O SETTING TO PRESSURE RE - PSI | PL. FLUID PL. FLUID 8 OL, RUNNING /RATE DETAIL | CSG, ETC. | PRIOR TO CEM | ER PEREPTH TOP X PSI OP. M EV. SQ. P BENTING: NO SAFETY M TEST LINE CIRCULATI | PROBLEM EETING: B 3 NG WELL | AX TBG AX TBG S S S S S S S S S S S S S | SIZE 9.625 | CONN THREAD BRD N or RAT EXPLANATI CO. REP. BJ | TYPE WATER WATER MAX CSG P TED O 2816 | BASED SI perator 1100 | MU W | MIX /ATER TANK |
| DISPL. VO VOLUME 36 XPLANATIO TIME HR:MIN. 18:35 | WGT TYPI 47. DLUME UOM BBLS H2 DN: TROUBLE PRESSU PIPE 6425 | DIS TYPE O SETTING TO PRESSURE RE - PSI | PL. FLUID OL, RUNNING RATE BPM | CSG, ETC. Bbi. FLuid PUMPED | PRIOR TO CEMENT PLUID TYPE H2O | ER PE PEPTH TOP X PSI OP. M V. SQ. P IENTING: NO SAFETY M TEST LINE CIRCULATI TEST, PUN | PROBLEM EETING: B 3 NG WELL 1P AND LI | AX TBO ED 0 IS J CREV 6000 - RIG INES, | SIZE 9.625 9 | CONN THREAD BRD N Or RAT EXPLANATI CO. REP. BJ T H2O SF | TYPE WATER MAX CSG P TED O 2816 ION: X PACER AL | BASED SI perator 1100 | MU W | MIX /ATER TANK |
| DISPL. VO VOLUME 36 XPLANATIO TIME HR:MIN. 18:35 18:42 | WGT TYPI 47. DLUME UOM BBLS H2 DN: TROUBLE PRESSU PIPE 6425 115 | DIS TYPE O SETTING TO PRESSURE RE - PSI | PL. FLUID PL. FLUID 8 OL, RUNNING //RATE DETAIL RATE BPM | CSG, ETC. Bbl. FLUID PUMPED | PRIOR TO CEMENT PLUID TYPE H2O H2O | X PSI OP, M EV. SQ. P SAFETY M TEST LINE: CIRCULATI TEST, PUM PUMP H20 | PROBLEM EETING: B B NG WELL P AND LI | AX TBO ED 0 1S J CREV 6000 - RIG INES, R, STA | SIZE 9.625 | CONN THREAD BRD N or RAT CO. REP. BJ T H2O SF MT @ 14.8 | TYPE WATER MAX CSG P TED O 2816 ION X PACER AL | BASED SI perator 1100 | MU W | MIX /ATER TANK |
| DISPL. VO VOLUME 36 XPLANATIO TIME HR:MIN. 18:35 | WGT TYPI 47. DLUME UOM BBLS H2 DN: TROUBLE PRESSU PIPE 6425 | DIS TYPE O SETTING TO PRESSURE RE - PSI | PL FLUID OL, RUNNING RATE BPM 4 3.5 | CSG, ETC. Bbl. FLUID PUMPED | PRIOR TO CEM PLUID TYPE H2O H2O CMT | X PSI OP. M EV. SQ. P SAFETY M TEST LINE CIRCULATI TEST, PUM PUMP H2C PUMP CM | PROBLEM EETING: B. B | AX TBO AX TBO S J CREV 6000 - RIG INES, R, STA PLUG, | SIZE 9.625 | CONN THREAD BRD N Or RAT CO. REP. BJ T H2O SF AT @ 14.8 ET H2O DI | ION: PACER AH 3 # SP | BASED SI perator 1100 | MIL RIG | MIX: /ATER TANK |
| DISPL. VO VOLUME 36 XPLANATIO TIME HR:MIN. 18:35 18:42 19:05 | WGT TYPI 47. DLUME UOM BBLS H2 ON: TROUBLE PRESSU PIPE 6425 115 205 | DIS TYPE O SETTING TO PRESSURE RE - PSI | PL. FLUID PL. FLUID 8 OL, RUNNING //RATE DETAIL RATE BPM | CSG, ETC. Bbl. FLUID PUMPED | PRIOR TO CEM PLUID TYPE H2O H2O CMT | X PSI OP. M EV. SQ. P SAFETY M TEST LINE CIRCULATI TEST, PUM PUMP H2C PUMP CM PUMP 36 E | PROBLEM ETING: B. ING WELL IP AND LI SPACER DROP F BL DISP, | AX TBO AX TBO ED 0 6000 - RIG INES, R, STA PLUG, BUMF | SIZE 9.625 | CONN THREAD BRD N Or RAT CO. REP. BJ T H2O SF AT @ 14.8 ET H2O DI G, HOLD | ION PACER AH 3 # SP PRESSUI | BASED SI perator 1100 HEAD | MIL RIG | MIX: /ATER TANK |
| DISPL. VO VOLUME 36 XPLANATIO TIME HR:MIN. 18:35 18:42 19:05 19:20 | WGT TYPI 47. DLUME UOM BBLS H2 ON: TROUBLE PRESSU PIPE 6425 115 205 1000 | DIS TYPE O SETTING TO PRESSURE RE - PSI | PL FLUID OL, RUNNING RATE BPM 4 3.5 | CSG, ETC. Bbl. FLUID PUMPED | PRIOR TO CEM PLUID TYPE H2O H2O CMT | X PSI OP. M EV. SQ. P SAFETY M TEST LINE CIRCULATI TEST, PUM PUMP H2C PUMP CM | PROBLEM ETING: B B NG WELL P AND LI SPACER D DROP F BL DISP, ESSURE | AX TBO AX TBO ED 0 IS IS J CREV 6000 - RIG INES, R, STA PLUG, BUMF DOWN | SIZE 9.625 | CONN THREAD 8RD NOT RAT CO. REP. BJ T H2O SF MT @ 14.8 T H2O DI G, HOLD ST FLOAT | ION: PACER ALBERT SPESSUIT, HOLDIN | BASED SI perator 1100 HEAD RE FOR | RIG | MIX: /ATER TANK |
| DISPL. VO VOLUME 36 XPLANATIO TIME HR:MIN. 18:35 18:42 19:05 19:20 | WGT TYPI 47. DLUME UOM BBLS H2 ON: TROUBLE PRESSU PIPE 6425 115 205 1000 | DIS TYPE O SETTING TO PRESSURE RE - PSI | PL FLUID OL, RUNNING RATE BPM 4 3.5 | CSG, ETC. Bbl. FLUID PUMPED | PRIOR TO CEM PLUID TYPE H2O H2O CMT | ER PE REPTH TOP X PSI OP. M EV. SQ. P SAFETY M TEST LINE CIRCULATI TEST, PUM PUMP H2C PUMP CM PUMP 36 E BLEED PR | PROBLEM EETING: B NG WELL PAND LI SPACER DPAND LI SPACER DPAND LI SPACER DEBL DISP, ESSURE RNS TO S | AX TBO AX TBO ED 0 IS J CREV 6000 - RIG INES, R, STA PLUG, BUMF DOWN SURFA | SIZE 9.625 | CONN THREAD 8RD NOT RAT CO. REP. BJ T H2O SF MT @ 14.8 T H2O DI G, HOLD ST FLOAT | ION: PACER ALBERT SPESSUIT, HOLDIN | BASED SI perator 1100 HEAD RE FOR | RIG | MIX: /ATER TANK |
| DISPL. VO VOLUME 36 XPLANATIO TIME HR:MIN. 18:35 18:42 19:05 19:20 | WGT TYPI 47. DLUME UOM BBLS H2 ON: TROUBLE PRESSU PIPE 6425 115 205 1000 | DIS TYPE O SETTING TO PRESSURE RE - PSI | PL FLUID OL, RUNNING RATE BPM 4 3.5 | CSG, ETC. Bbl. FLUID PUMPED | PRIOR TO CEM PLUID TYPE H2O H2O CMT | ER PEREPTH TOP X PSI OP. M EV. SQ. P SAFETY M TEST LINE CIRCULATI TEST, PUM PUMP ACE PUMP CM PUMP 36 E BLEED PR CMT RETL | PROBLEM PROBLE | AX TBO ED 0 FIS SINES, R, STA PLUG, BUMF BUMF BURF BURF URNS | SIZE 9.625 | CONN THREAD BRD NOT RAT CO. REP. BJ T H2O SF AT @ 14.8 RT H2O DI G, HOLD ST FLOAT 0 5 BBL IN | ION PACER AH B # ISP PRESSUI | BASED SI perator 1100 HEAD RE FOR G | RIG | MIX: /ATER TANK |
| DISPL. VO VOLUME 36 XPLANATIO TIME HR:MIN. 18:35 18:42 19:05 19:20 19:35 | WGT TYPI 47. ILUME UOM BBLS H2 IN: TROUBLE PRESSU PIPE 6425 115 205 1000 0 0 PSI TO BUMP | DIS TYPE O SETTING TO PRESSURE RE - PSI ANNULUS TEST FLOAT | PL. FLUID OL, RUNNING //RATE DETAIL RATE BPM 4 3.5 4 BBL.CMT RETURNS/ | CSG, ETC. Bbbl. FLUID PUMPED 20 70 36 TOTAL BBL. | PRIOR TO CEM PR | SAFETY MENTING: NO SAFETY MENTIN | PROBLEM PROBLE | AX TBO AX TBO ED 0 IS IS FRIG INES, R, STA PLUG, BUMF DOWN SURFA URNS SING I | SIZE 9.625 | CONN THREAD BRD NOT RAT CO. REP. BJ T H2O SF AT @ 14.8 RT H2O DI G, HOLD ST FLOAT 0 5 BBL IN | ION PACER AH BY PRESSUIT HOLDIN NTO DISP | BASED SI perator 1100 HEAD RE FOR G | RIG | MIX: /ATER TANK |
| DISPL. VO VOLUME 36 EXPLANATIO TIME HR:MIN. 18:35 18:42 19:05 19:20 19:35 BUMPED PLUG | WGT TYPI 47. DLUME UOM BBLS H2 DN: TROUBLE PRESSU PIPE 6425 115 205 1000 0 | DIS TYPE O SETTING TO PRESSURE RE - PSI ANNULUS | PL. FLUID PL. FLUID WGT 8 OL, RUNNING RATE DETAIL RATE BPM 4 3.5 4 | CSG, ETC. Bbbl. FLUID PUMPED 20 70 36 TOTAL BBL. | PRIOR TO CEM PR | SAFETY MI TEST LINE: CIRCULATI TEST, PUMP H20 PUMP CM PUMP 36 E BLEED PR CMT RETU @ 30 BBL THANK YO | PROBLEM PROBLE | AX TBO AX TBO ED 0 IS IS FRIG INES, R, STA PLUG, BUMF DOWN SURFA URNS SING I | SIZE 9.625 | CONN THREAD BRD NOT RAT CO. REP. BJ T H2O SF MT @ 14.8 RT H2O DI G, HOLD ST FLOAT B 5 BBL IN | ION PACER AH BY PRESSUIT HOLDIN NTO DISP | BASED SI perator 1100 HEAD RE FOR G | RIG | MIX: /ATER TANK |

CEMENT JOB REPORT



| es Kirkpatrick | SUPV. J | ERV. S | SE | | 0059 | 1001950 | V-12 F.R | TE 29-N | D/ | NC . | TERN E & P I | NEST | SHELL W | CUSTOMER |
|---|-----------------------|----------|---------------------|-------------|-----------------------|--|----------------------------|-------------------------|---------------------------|--|-------------------------|---------------|----------------------------------|----------------|
| OCK . | Y-PARISH er Kansas | | | | | ~ и | NTRACTOR | CATION 27-345-7V | | 20000 | PI 150772184 | | | CROFT FA |
| | mediate | | | | | <i>3 ₩</i> | | Nabors 18 | יטר | | | | | McAlester |
| ER TYPES MD TVD | /D HAI | TVI | S MD | ERS | AL BARRII | MECHANICA | LIST-CSG-HARDWARE | | | | JGS | F PLU | TYPE OF | SIZE |
| | | | | | | | No Shoe, Cust Supp | | | | vr, Phen | rile c | Plug, Nitr | 7" Top Cem |
| S | Y PROPER | LURRY | SICAL SL | HYS | Р | | | | | | | | | |
| MP Bbi MIX MIN SLURRY WATER | SPS | | SLURRY YLD FT | | SLURRY WGT PPG | SACKS S OF EMENT | EPORT NO. | LAB F | MATERIALS FURNISHED BY BJ | | | | | |
| 40 | | İ | | _ | 8.45 | | | | | | | The same with |) | SEALBONE |
| 74 54.59 | 13.52 | 5 | 2.45 | | 12,4 | 160 | | | | | | | dditives | Class c + A |
| 20 11.46 | 5.66 | 2 | 1.32 | + | 14.2 | 85 | | | e ben maken | | | | dditives | Class c + A |
| 214 | | <u> </u> | | H | 8.34 | L | 1 | .] | | , | | | | H2O |
| 348 66.06 | TOTAL | | | bi. | BI | 350 | Displ. Fluid | Available | Bbl. | | 250 | | | Available Mi |
| AR DEPTHS | | ei | - ANE | | 77/0 | | TBG-CSG-D | WGT. | , OD | di | NEDTU | 200 | HOLE % EXCE | SIZE |
| FLOAT STAGE 5443 | 5480 | <u> </u> | RADE | | TVD 0 5480 | MD 5480 | TYPE 3 CSG | | OD | 6.366 | <u>DEPTH</u> 5493 | 33 | % EAUL | 8.75 |
| WELL FLUID | | P CON | TOF | | F. DEPTH | / | BR PL-LINER | <u> ' </u> | PK | <u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u> | | ING | AST CASI | <u> 1</u> |
| E WGT. | EAD T | THRE | SIZE | и | ВТМ | ти тор | the management actions and | AND & TYP | | | MD 50 | TYPE | - e.c. with the shirt memoritary | ID OD V |
| ER BASED MU 9.1 | <u> W/</u> | 8RD | | 00 | 0 460 | 4600 | | | | 0 500 | 50 | • • • • | 36 | 8.9 9.625 |
| G PSI MIX WATER | | | TBG PSI | | | | | CAL. PS | | L. FLUID | | | | DISPL. VO |
| Operator | RATED | itor | Operat | ED | I RATI | SQ. PSI | | BUMP PL | NGT. | \ N | TYPE | <u> </u> | UOM | VOLUME |
| 950 RIG | 507 | | | | | | 0 | 70 | 8.34 | |) | H2O | BBLS | 214 |
| | | | | //S | PROBLEM | TING: NO F | OR TO CEM | G, ETC. PF | NG CS | L, RUNNI | ETTING TO | JLE S | N: TROUB | EXPLANATIO |
| | ANATION | FXPLA | | | | | | | | | PRESSURE/ | | | , |
| | | | | | ETING: B. | AFETY MEE | FLUID | I. FLUID | BI | RATE | E - PSI | SSUR | PRES | TIME |
| | | | 00 PSI | | | EST LINES | TYPE | UMPED | 1 | ВРМ | ANNULUS | | PIPE | HR:MIN. |
| | BJ | | | | | IRCULATING | | | | *** *** *** * * * * * * * * * * * * * * | | 20 | 671 | 10:15 |
| 2.4 # | | | | | | EST PUMP | H2O LEAD CM1 | 74 | .5 | | | 00 | 670 50 | 12:15 12:40 |
| PLACEMENT | | | | | Section to the second | e con in the second of the second of the | a transfer and the second | | .5 | | | 00 | | 12:50 |
| Contraction and the contraction of the contraction | * ** *** **** | | | | | UMP DISP, | | | .5 | | | 00 | | 13:25 |
| | LOAT, H | ST FL | E TO TE | URE | PRESSL | LEED OFF | | | | | | + | | 13:40 |
| | SIGNATUR | | | | 1 | SPOT TOP OUT CEMENT | PSI LEFT ON CSG | TOTAL BBL. PUMPED | IS/ | BBL.CMT RETURN REVERSE | TEST FLOAT EQUIP. | • | PSI TO BUMP PLUG | BUMPED PLUG |
| | | | | | | Y [N] |) | 8 | 34 | 0 | Y N | | 700 | YN |
| | JGHES, J | R HU | G BAKE | SINC | J FOR US | SPOT TOP OUT CEMENT | PSI LEFT ON CSG | BBL. PUMPED | IS/ ED | RETURN REVERSE | FLOAT EQUIP. | | BUMP PLUG | PLUG |

Conservation Division Finney State Office Building 130 S. Market, Rm. 2078 Wichita, KS 67202-3802



Phone: 316-337-6200 Fax: 316-337-6211 http://kcc.ks.gov/

Sam Brownback, Governor

Mark Sievers, Chairman Thomas E. Wright, Commissioner Shari Feist Albrecht, Commissioner

January 30, 2013

Damonica Pierson Shell Gulf of Mexico Inc. 150 N DAIRY-ASHFORD (77079) PO BOX 576 (77001-0576) HOUSTON, TX 77001-0576

Re: ACO1

API 15-077-21842-00-00 Croft Farms 3407 27-1 NE/4 Sec.27-34S-07W Harper County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully, Damonica Pierson

Summary of Changes

Lease Name and Number: Croft Farms 3407 27-1

API/Permit #: 15-077-21842-00-00

Doc ID: 1110938

Correction Number: 1

Approved By: NAOMI JAMES

| Field Name | Previous Value | New Value |
|---|----------------|--------------|
| Amount of Surface Pipe Set and Cemented at | 0 | 505 |
| Approved Date | 07/06/2012 | 01/31/2013 |
| CasingAdd_Type_PctP DF_2 | | See attached |
| CasingAdd_Type_PctP DF_3 | | See attached |
| CasingNumbSacksUse dPDF_2 | | 325 |
| CasingNumbSacksUse dPDF_3 | | 245 |
| CasingPurposeOfString PDF_2 | | Surface |
| CasingPurposeOfString PDF_3 | | Intermediate |
| CasingSettingDepthPD F_2 | | 505 |
| CasingSettingDepthPD F_3 | | 5480 |

Summary of changes for correction 1 continued

| Field Name | Previous Value | New Value |
|--|----------------|--------------|
| CasingSizeCasingSetP DF_2 | | 9.625 |
| CasingSizeCasingSetP DF_3 | | 7 |
| CasingSizeHoleDrilledP DF_2 | | 12.25 |
| CasingSizeHoleDrilledP DF_3 | | 8.75 |
| CasingTypeOfCementP DF_2 | | Class C |
| CasingTypeOfCementP DF_3 | | Class C |
| CasingWeightPDF_2 | | 36 |
| CasingWeightPDF_3 | | 23 |
| Completion Or Recompletion Date | 06/12/2012 | 01/26/2013 |
| Date Reached TD | 06/12/2012 | 01/03/2013 |
| Electric Log Run? | No | Yes |
| Electric Log Submitted Electronically? | | Yes |
| Elogs_PDF | | Triple Combo |

Summary of changes for correction 1 continued

| Field Name | Previous Value | New Value |
|-------------------------------------|--|--|
| Formation Top Source - Log | No | Yes |
| Liner Run? | | No |
| Method Of Completion - Open Hole | No | Yes |
| Perf_Record_1 | CONDUCTOR ONLY | |
| Purchaser's Name | CONDUCTOR ONLY | |
| Save Link | //kcc/detail/operatorE ditDetail.cfm?docID=10 | //kcc/detail/operatorE ditDetail.cfm?docID=11 |
| Spud Or Recompletion Date | 86390 06/11/2012 | 10938 11/20/2012 |
| TopsDepth1 | | 4556 |
| TopsDepth2 | | 4749 |
| TopsDepth3 | | 5114 |
| TopsDepth4 | | 5125 |
| TopsDepth5 | | 5184 |
| TopsDepth6 | | 5231 |

Summary of changes for correction 1 continued

| Field Name | Previous Value | New Value |
|------------------------|----------------|-------------|
| TopsDepth7 | | 5440 |
| TopsName1 | CONDUCTOR ONLY | Cherokee |
| TopsName2 | | Mississippi |
| TopsName3 | | Compton |
| TopsName4 | | Kinderhook |
| TopsName5 | | Woodford |
| TopsName6 | | Simpson |
| TopsName7 | | Arbuckle |
| Total Depth | 60 | 6500 |
| Tubing Packer At | | 5430 |
| Tubing Record - Set At | | 5444 |
| Tubing Size | | 4.5 |

Summary of Attachments

Lease Name and Number: Croft Farms 3407 27-1

API: 15-077-21842-00-00

Doc ID: 1110938

Correction Number: 1
Attachment Name

CROFT FARMS 3407 27-1 Conductor record

CROFT FARMS 3407 27-1 Surface Cement

CROFT FARMS 3407 27-1 Intermediate Cement

Two Year Confidentiality



CONFIDENTIAL COMPLETION COMMISSION

CONFIDENTIAL COMPLETION FORM

1086390

Form ACO-1
June 2009
Form Must Be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

| OPERATOR: License # | API No. 15 |
|--|---|
| Name: | Spot Description: |
| Address 1: | SecTwpS. R |
| Address 2: | Feet from North / South Line of Section |
| City: State: Zip: + | Feet from East / West Line of Section |
| Contact Person: | Footages Calculated from Nearest Outside Section Corner: |
| Phone: () | □NE □NW □SE □SW |
| CONTRACTOR: License # | County: |
| Name: | Lease Name: Well #: |
| Wellsite Geologist: | Field Name: |
| Purchaser: | Producing Formation: |
| Designate Type of Completion: | Elevation: Ground: Kelly Bushing: |
| New Well Re-Entry Workover | Total Depth: Plug Back Total Depth: |
| □ Oil □ WSW □ SHOW □ Gas □ D&A □ ENHR □ SIGW □ OG □ GSW □ Temp. Abd. □ CM (Coal Bed Methane) □ Cathodic □ Other (Core, Expl., etc.): □ If Workover/Re-entry: Old Well Info as follows: | Amount of Surface Pipe Set and Cemented at: Feet Multiple Stage Cementing Collar Used? |
| Operator: | Drilling Child Management Plan |
| Well Name: | Drilling Fluid Management Plan (Data must be collected from the Reserve Pit) |
| Original Comp. Date: Original Total Depth: Deepening Re-perf. Conv. to ENHR Conv. to SWD Conv. to GSW Plug Back: Plug Back Total Depth Commingled Permit #: Dual Completion Permit #: SWD Permit #: ENHR Permit #: | Chloride content: ppm Fluid volume: bbls Dewatering method used: Location of fluid disposal if hauled offsite: Operator Name: Lease Name: License #: Quarter Sec TwpS. R |
| GSW Permit #: | County: Permit #: |
| Spud Date or Date Reached TD Completion Date or Recompletion Date Recompletion Date | |

AFFIDAVIT

I am the affiant and I hereby certify that 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.

Submitted Electronically

| KCC Office Use ONLY |
|------------------------------------|
| Letter of Confidentiality Received |
| Date: |
| Confidential Release Date: |
| Wireline Log Received |
| Geologist Report Received |
| UIC Distribution |
| ALT I III Approved by: Date: |