

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

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AUG 23 2010

ORIGINAL

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

KCC WICHITA

8/20/11

OPERATOR: License # 32278
Name: Tengasco, Inc.
Address 1: PO Box 458
Address 2: 1327 Moose Rd
City: Hays State: KS Zip: 67601 + 9744
Contact Person: Gary Wagner
Phone: (785) 625-6374
CONTRACTOR: License # 33493
Name: American Eagle Drilling
Wellsite Geologist: Mike Bair
Purchaser: NCRA

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Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
- 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:

Operator: _____

Well Name: _____

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 #: _____
- GSW Permit #: _____

| | | |
|-----------------------------------|-----------------|---|
| 4/28/10 | 5/6/10 | 5/25/10 |
| Spud Date or Recompletion Date | Date Reached TD | Completion Date or Recompletion Date |

API No. 15 - 195-22644-00-00

Spot Description: _____

E2 SW NW NE Sec. 23 Twp. 15 S. R. 25 East West

990 Feet from North / South Line of Section

2,190 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: Trego

Lease Name: Albers B Well #: 1

Field Name: Good Science NE

Producing Formation: Mississippi

Elevation: Ground: 2484' Kelly Bushing: 2491'

Total Depth: 4919' Plug Back Total Depth: 4595'

Amount of Surface Pipe Set and Cemented at: 266 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: 1971' Feet

If Alternate II completion, cement circulated from: 1971'

feet depth to: 220'+ w/ 675 sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 9000 ppm Fluid volume: 210 bbls

Dewatering method used: Evaporation

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, 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 of 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.

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.

Signature: Gary Wagner

Title: Production Manager Date: 8/20/10

KCC Office Use ONLY

Letter of Confidentiality Received

Date: 8/20/10 - 8/20/11

Confidential Release Date: _____

Wireline Log Received

Geologist Report Received

UIC Distribution

ALT I II III Approved by: Dog Date: 8/26/10

Operator Name: Tengasco, Inc. Lease Name: Albers B Well #: 1
 Sec. 23 Twp. 15 S. R. 25 East West County: Trego

INSTRUCTIONS: Show important tops and base 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. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|-------|-----|-------|-----------|------|------|---------|------|-------|---------|------|-------|------|------|-------|----------|------|-------|----------|------|-------|-------------|------|-------|
| Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: Dual Induction, Neutron Density, PE, Micro,CBL/GR | <input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Anhydrite</td> <td>1935</td> <td>+556</td> </tr> <tr> <td>Heebner</td> <td>3808</td> <td>-1317</td> </tr> <tr> <td>Lansing</td> <td>3848</td> <td>-1347</td> </tr> <tr> <td>BLKC</td> <td>4146</td> <td>-1655</td> </tr> <tr> <td>Ft Scott</td> <td>4345</td> <td>-1854</td> </tr> <tr> <td>Cherokee</td> <td>4367</td> <td>-1876</td> </tr> <tr> <td>Mississippi</td> <td>4443</td> <td>-1952</td> </tr> </table> | Name | Top | Datum | Anhydrite | 1935 | +556 | Heebner | 3808 | -1317 | Lansing | 3848 | -1347 | BLKC | 4146 | -1655 | Ft Scott | 4345 | -1854 | Cherokee | 4367 | -1876 | Mississippi | 4443 | -1952 |
| Name | Top | Datum | | | | | | | | | | | | | | | | | | | | | | | |
| Anhydrite | 1935 | +556 | | | | | | | | | | | | | | | | | | | | | | | |
| Heebner | 3808 | -1317 | | | | | | | | | | | | | | | | | | | | | | | |
| Lansing | 3848 | -1347 | | | | | | | | | | | | | | | | | | | | | | | |
| BLKC | 4146 | -1655 | | | | | | | | | | | | | | | | | | | | | | | |
| Ft Scott | 4345 | -1854 | | | | | | | | | | | | | | | | | | | | | | | |
| Cherokee | 4367 | -1876 | | | | | | | | | | | | | | | | | | | | | | | |
| Mississippi | 4443 | -1952 | | | | | | | | | | | | | | | | | | | | | | | |

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| CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> 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" | 23 | 266 | Com | 160 | 3% CC, 2% gel |
| Production | 7-7/8" | 5-1/2" | 14 | 4618 | ASC | 150 | 10% salt, 6% gel |
| | | | | | | | |

| ADDITIONAL CEMENTING / SQUEEZE RECORD | | | | |
|---|------------------|----------------|--------------|----------------------------|
| Purpose: | Depth Top Bottom | Type of Cement | # Sacks Used | Type and Percent Additives |
| <input type="checkbox"/> Perforate <input checked="" type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone | 220+ - 1971 | Lite | 675 | 1/4# Flocele/sx |
| | | | | |

| 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 |
|----------------|---|---|-------|
| 6 | 4444-64' | N/A | |
| | | | |
| | | | |
| | | | |

| | | | |
|--|----------------------|--|--|
| TUBING RECORD: Size: <u>2-7/8"</u> Set At: <u>4578'</u> Packer At: _____ | | Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | |
| Date of First, Resumed Production, SWD or ENHR. <u>5/28/10</u> | | Producing Method: <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 Bbbs. <u>110</u> | Gas Mcf <u>0</u> | Water Bbbs. <u>0</u> Gas-Oil Ratio _____ Gravity _____ |

| | | |
|---|--|---|
| DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i> | METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other (Specify) _____ | PRODUCTION INTERVAL: <u>Mississippi 4444-64'</u> |
|---|--|---|

KANSAS
CORPORATION COMMISSION

Mark Parkinson, Governor
Thomas E. Wright, Chairman
Joseph F. Harkins, Commissioner
Ward Loyd, Commissioner

May 26, 2010

Tengasco, Inc.
1327 Noose Road
Hays, Kansas 67601

KCC
AUG 20 2010
CONFIDENTIAL

RE: Exception to Alternate II Cementing Requirements
Albers B # 1
SWNWE section 23-15-25W
Trego County, Kansas
API #15-195-22644-00-00

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KCC WICHITA

Dear Mr. Wagner,

The Kansas Corporation Commission (KCC) has received your request, dated May 25, 2010, through District 4 Supervisor for an exception to Alternate II cementing requirements for the above referenced well. From this request, the KCC understands that subject well was not cemented to surface as required by the Alternate II option. Referenced well has 266 feet of surface casing set with 170 sacks of cement circulated to surface. A Cement Bond log indicates cement was circulated into the surface casing from a port collar at 1971 feet with 675 sacks of cement. The bottom of fresh water is reported at 150 feet with the bottom of usable water listed at 900 feet.

After review of this matter by technical staff it was determined that:

1. Surface casing was set deeper than fresh water source in the area with cement coverage to protect the shallow aquifers.
2. All fresh and usable water sources are adequately protected with cement coverage and any remaining intervals not covered by cement contain no fresh or usable water zones.
3. The Dakota appears to be adequately isolated with cement and any remaining intervals not cemented contain no fresh or usable water nor present any threat of contamination from the shales in the intervals.

Based on this information that the fresh and usable water zones are adequately protected with cement coverage and that any remaining intervals not cemented behind the production casing contain no threat of contamination from the shales in the intervals. Therefore, an exception is granted for the Alternate II cementing requirement.

Sincerely,



Doug Louis
Director

cc: Case Morris – District 4
Steve Bond – Production Supervisor



KCC
AUG 20 2010
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May 25, 2010

To: Kansas Corporation Commission
Conservation Division
130 S. Market, Rm 2078
Wichita, KS 67202

Re: Alternate II Completion Albers B #1

Tengasco, Inc. is requesting the Alternate II completion be waived on the Albers B #1, API #15-195-22644 located in Sec 23-15S-25W Trego Co. Cement failed to circulate to surface when the port collar was cemented using 675 total sacks. The follow up bond log does indicate cement in the surface casing. Tengasco therefore believes the well is properly cemented.

Respectfully,

Gary Wagner
Production Manager
Tengasco, Inc.

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ALLIED CEMENTING CO., LLC. 036413

SHIP TO P.O. BOX 31
RUSSELL, KANSAS 67665

NCC
AUG 20 2010

SERVICE POINT:
Great Bend KS

CONFIDENTIAL

| | | | | | | | |
|--------------------------------|----------|--------------------------------------|---------------------------|------------|--------------|------------------|-------------------|
| DATE 4-28-10 | SEC. 23 | TWP. 15S | RANGE 25W | CALLED OUT | ON LOCATION | JOB START 100 PM | JOB FINISH 130 PM |
| LEASE Albers | WELL# 21 | LOCATION Ness City 19 North Tocco RD | | | COUNTY Trego | STATE KS | |
| OLD OR <u>NEW</u> (Circle one) | | | 8 west 1 North west Tocco | | | | |

CONTRACTOR American Eagle Rig 2 OWNER Tengasco Inc

TYPE OF JOB Surface
 HOLE SIZE 12 1/4 T.D. 267
 CASING SIZE 8 3/8 DEPTH 267
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT
 CEMENT LEFT IN CSG 15
 PERFS.
 DISPLACEMENT 16 BBHs Fresh water

CEMENT
 AMOUNT ORDERED 170 SK class A
 3% GEL 2% GEL
 used 160 SK
 COMMON 160 @ 13.50 2160.00
 POZMIX @
 GEL 3 @ 20.25 60.75
 CHLORIDE 6 @ 51.50 309.00
 ASC @

EQUIPMENT

PUMP TRUCK CEMENTER Wayne-D
 # 181 HELPER Alvin-R
 BULK TRUCK
 # 260 DRIVER Bob-R
 BULK TRUCK
 # DRIVER

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 HANDLING 160 @ 2.25 360.00
 MILEAGE 160 x 27 x .10 432.00
 TOTAL 3321.75

REMARKS:

Pipe on Bottom Break circulation
 with Rig Shut Down
 Hook up to Cement line
 Mix 160 SK class A 3% GEL
 Displace with fresh water
 Shut in Cement did not
 circulate wash up Rig Down

SERVICE

DEPTH OF JOB 267
 PUMP TRUCK CHARGE 1159.00
 EXTRA FOOTAGE @
 MILEAGE 27 @ 7.00 189.00
 MANIFOLD @

CHARGE TO: Tengasco Inc
 STREET
 CITY STATE ZIP

TOTAL 1348.00

PLUG & FLOAT EQUIPMENT

To Allied Cementing Co., LLC.
 You are hereby requested to rent cementing equipment

@
 @
 @
 @
 @

ALLIED CEMENTING CO., LLC. 041693

SHIP TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT: Russell

| | | | | | | | |
|-------------------------|-------------------|---------------------------------------|-----------------|------------|---------------------|-------------------------|--------------------------|
| DATE <u>5-18-10</u> | SEC <u>23</u> | TWP. <u>15</u> | RANGE <u>25</u> | CALLED OUT | ON LOCATION | JOB START <u>3:30pm</u> | JOB FINISH <u>4:00pm</u> |
| LEASE <u>Albers</u> | WELL # <u>B-1</u> | LOCATION <u>Waxroad S Rd CC 8W/2N</u> | | | COUNTY <u>Trigo</u> | STATE <u>KS</u> | |
| OLD OR NEW (Circle one) | | | <u>W INTO</u> | | | | |

CONTRACTOR Fischer
 TYPE OF JOB Percular
 HOLE SIZE _____ T.D. _____
 CASING SIZE 5 1/2 DEPTH _____
 TUBING SIZE 2 7/8 DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL Allied's Tool DEPTH 1971
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. _____
 PERFS. _____
 DISPLACEMENT T-103 L

OWNER _____

EQUIPMENT

PUMP TRUCK CEMENTER Craig
 # 398 HELPER Paul
 BULK TRUCK
 # 481 DRIVER Ron
 BULK TRUCK
 # 473 DRIVER Heath

CEMENT AMOUNT ORDERED 625 LITE 4/27/10

COMMON _____ @ _____
 POZMIX _____ @ _____
 GEL _____ @ _____
 CHLORIDE _____ @ _____
 ASC _____ @ _____

Lite 675 @ 11.85 7998.75

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HANDLING 312 @ 2.25 702.00

MILEAGE 110/50/mile 842.40

TOTAL 9543.15

REMARKS:

Tool @ 1971. Test to 800psi. Open tool
& see circulation. Mix 320SK & last circulation
wait 1/2HR & mix 120SK. no blow or circulation.
wait 1/2HR & mix 225 SK no circulation or blow
Ran 5 washes & slow way. Pressure 800psi
bleed

Thanks!

SERVICE

DEPTH OF JOB _____

PUMP TRUCK CHARGE _____ 991.00

EXTRA FOOTAGE _____ @ _____

MILEAGE 27 @ 7.00 189.00

MANIFOLD _____ @ _____

TOTAL 1180.00

CHARGE TO: Tengasco

STREET _____

CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____

To Allied Cementing Co., LLC.
 You are hereby requested to rent cementing equipment

