

McGown Drilling, Inc.
Mound City, Kansas

Operator:
Grand Mesa Operating Company
Wichita, KS

Blythe #7-6
Bourbon Co, KS
20-25S-22E
API: 011-24396

| | | | |
|------------------------|-----------|-------------------------|------------|
| Spud Date: | 12/5/2013 | Surface Bit: | 11" |
| Surface Casing: | 8.625" | Drill Bit: | 6.75" |
| Surface Length: | 21.40' | Longstring: | 140.0' |
| Surface Cement: | 5 sx | Longstring Date: | 12/12/2013 |

Driller's Log

| Top | Bottom | Formation | Comments |
|-----|--------|-----------|---------------|
| 0 | 12 | Soil | |
| 12 | 50 | Shale | |
| 50 | 54 | Lime | |
| 54 | 56 | Shale | |
| 56 | 78 | Lime | |
| 78 | 84 | Shale | |
| 84 | 98 | Lime | |
| 98 | 102 | Shale | |
| 102 | 111 | Lime | |
| 111 | 116 | Shale | |
| 116 | 120 | Red Bed | |
| 120 | 134 | Shale | |
| 134 | 147 | Lime | |
| 147 | 175 | Shale | |
| 175 | 177 | Lime | |
| 177 | 185 | Shale | |
| 185 | 196 | Lime | |
| 196 | 198 | Shale | |
| 198 | 216 | Lime | |
| 216 | 237 | Shale | |
| 237 | 240 | Lime | |
| 240 | 253 | Shale | |
| 253 | 276 | Lime | |
| 276 | 290 | Shale | |
| 290 | 301 | Sand | Good oil show |
| 301 | 360 | Shale | |

Blythe #7-6
 Bourbon Co., KS

| | | | |
|------------|-----|-------------|--|
| 360 | 362 | Coal | |
| 362 | 394 | Shale | |
| 394 | 397 | Lime | |
| 397 | 426 | Shale | |
| 426 | 434 | Sand | White sand, light rainbow to pit |
| 434 | 439 | Sandy Shale | |
| 439 | 440 | Coal | |
| 440 | 451 | Shale | |
| 451 | 468 | Sandy Shale | |
| 468 | 469 | Coal | |
| 469 | 478 | Shale | |
| 478 | 493 | Sandy Shale | |
| 493 | 508 | Shale | |
| 508 | 509 | Coal | |
| 509 | 517 | Sandy Shale | |
| 517 | 519 | Lime | |
| 519 | 547 | Shale | |
| 547 | 550 | Bl. Shale | |
| 550 | 651 | Shale | |
| 651 | 652 | Coal | |
| 652 | 693 | Lime | Mississippi |
| 693 | | TD | Oil Shows: 652-653; 659-661; 668-672 Spotty light shows 682-695 |

| Coring | | |
|---------------|----------------|-------------|
| Run | Footage | Rec. |
| 1 | 294-314 | 17' |
| 2 | 653-673 | 10' |
| 3 | 666-686 | 6' |
| 4 | 672-692 | 20' |

McGown Drilling, Inc.
Workover Log

Operator: Grand Mesa Operating Co.
Lease: Blythe
Well No.: #7-6

Driller: Colt Umphenour
Rig: Rig #2
Bit: 3.875" Tri-Cone Button - New
Pump: 5 x 8 Gaso

Aux. Equipment:
3.5" FJ Drill Pipe, 3.5" slimhole kelly

Date: 1/20/2014
Time On: 3:00 PM
Time Off: 6:00 PM

Work Detail

1/20/2014

Rig up over Blythe 7-6. TIH to packer at 135'. Drill on packer.

1/21/2014 8:30 AM - 5:00 PM

Drill out packer, cut cement to approx. 200', trip to TD at 692', drill virgin hole to 696', lost circulation, and got drill pipe hung. Pumped 200 lb. cottonseed hulls, attempts to regain circ. failed. Spotted 5 gallons of soap and shut down for night.

1/22/2014 8:30 AM - 2:30 PM

Drill pipe came free from soap, TOOH, run 690' 2 7/8 EUE L/S casing. Consolidated cemented casing in place, rig down.

| Depth | Formation | Notes |
|---------|-----------|-----------------------|
| 692-696 | Lime | Porous, easy drilling |
| | | |
| | | |
| | | |



CONSOLIDATED
Oil Well Services, LLC

264813

TICKET NUMBER 44958

LOCATION Ottawa KS

FOREMAN Fred Maden

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

**FIELD TICKET & TREATMENT REPORT
CEMENT**

| DATE | CUSTOMER # | WELL NAME & NUMBER | SECTION | TOWNSHIP | RANGE | COUNTY |
|--|------------|--------------------|---------|----------|---------|--------|
| 12-13-13 | 3372 | Blythe # 7-6 | W 20 | 25 | 22 | BB |
| CUSTOMER Grand Mesa | | | TRUCK # | DRIVER | TRUCK # | DRIVER |
| MAILING ADDRESS 1708 N. Waterfront Pkwy | | | 712 | Fred Mad | | |
| CITY Wichita | | | 475 | Har Bec | | |
| STATE KS | | | 570 | Ken Car | | |
| ZIP CODE 67206 | | | 510 | Set Joe | | |

JOB TYPE long string HOLE SIZE 6 7/8 HOLE DEPTH 692' CASING SIZE & WEIGHT 4 1/2"
 CASING DEPTH 132' DRILL PIPE Type "A" Packer Shoe TUBING OTHER
 SLURRY WEIGHT SLURRY VOL WATER gal/sk CEMENT LEFT in CASING 1 1/2" Plug
 DISPLACEMENT 2.1 BBL DISPLACEMENT PSI MIX PSI RATE 43 PM

REMARKS: Hold crew safety meeting. Rig pulled packer to 132" - & got long. Mix + Pump 100 Gal Flush Circulation is varied. Mix Pump 70 sks 50/50 Por Mix Cement. Cement to surface. Flush pump & lines clean. Displace 4 1/2" Rubber Plug to packer. Pressure to 600 PSI. Release pressure to set float valve.

Note: Type A Packer shoe showed no sign off pressure to set. Packer had been to hole bottom & pulled to 132'.
 McCowan Drilling Fred Maden.

| ACCOUNT CODE | QUANTITY or UNITS | DESCRIPTION of SERVICES or PRODUCT | UNIT PRICE | TOTAL |
|--------------|-------------------|------------------------------------|------------|-------|
| 5401 | 1 | PUMP CHARGE | | |
| 5406 | 65 mi | MILEAGE | | |
| 5402 | 132' | Casing footage | | |
| 5407 | Minimum | Ten Miles | | |
| 5500 | 3 hrs | 80 BBL Vac Truck. | | |
| 1124 | 70 sks | 50/50 Por Mix Cement | | |
| 1183 | 218' | Premium Gel | | |
| 4404 | 1 | 4 1/2" Rubber Plug. | | |
| 4251 | 1 | Type "A" Packer Shoe | | |

completed

SALES TAX ESTIMATED TOTAL

Flavin 3737

AUTHORIZATION [Signature]

TITLE DATE

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.



CONSOLIDATED
Oil Well Services, LLC

API# 15-011-24396

TICKET NUMBER 42563

LOCATION Ottawa

FOREMAN Alan Mader

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT
CEMENT

| DATE | CUSTOMER # | WELL NAME & NUMBER | SECTION | TOWNSHIP | RANGE | COUNTY |
|--|------------|--------------------|------------|----------------|---------------|-------------|
| 1-22-14 | 3372 | Blythe 7-6 | SE 20 | 25 | 22 | BB |
| CUSTOMER <u>Grand Mesa</u> | | | TRUCK # | DRIVER | TRUCK # | DRIVER |
| MAILING ADDRESS <u>1700 N Waterfront Pkwy</u> | | | <u>730</u> | <u>AlaMad</u> | <u>Safety</u> | <u>Meat</u> |
| CITY | STATE | ZIP CODE | <u>368</u> | <u>Br Md</u> | | |
| <u>Wichita</u> | <u>KS</u> | <u>67206</u> | <u>369</u> | <u>Der Mas</u> | | |
| | | | <u>503</u> | <u>Mat Cor</u> | | |

JOB TYPE long string HOLE SIZE 6 1/2, 3 1/8, 4 1/2 HOLE DEPTH 696 CASING SIZE & WEIGHT 2 7/8
 CASING DEPTH 690 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING yes
 DISPLACEMENT 4 DISPLACEMENT PSI 800 MIX PSI 200 RATE 3Bpm

REMARKS: Held meeting. Hooked to casing. Well bore was flowing prior to hook up. Established rate down casing. Mixed & pumped w/ gel to flush hole, followed by 94.5x 50150 cement plus 2 gel, 5 lb salt, & 5# Kolbeal per sack. Circulated cement, flushed pump. Pumped plug to casing TD. Well held 800 PSI. Set float. Closed valve.

Melburn Colt

Alan Mader

| ACCOUNT CODE | QUANTITY or UNITS | DESCRIPTION of SERVICES or PRODUCT | UNIT PRICE | TOTAL |
|--------------|-------------------|------------------------------------|------------|------------|
| 5401 | 1 | PUMP CHARGE | 368 | [REDACTED] |
| 5406 | 60 | MILEAGE | 368 | [REDACTED] |
| 5402 | 690' | casing footage | 368 | [REDACTED] |
| 5407 | mg | ton miles | 503 | [REDACTED] |
| 5502C | 3 | 80 vac | 369 | [REDACTED] |
| 1124 | 94 | 50150 cement | | [REDACTED] |
| 1118B | 258# | gel | | [REDACTED] |
| 1111 | 182# | salt | | [REDACTED] |
| 1110A | 470# | Kolbeal | | [REDACTED] |
| 6402 | 1 | 2 1/2 ply | | [REDACTED] |

completed

SALES TAX ESTIMATED TOTAL [REDACTED]
 AUTHORIZATION R P Spriggs TITLE consultant DATE _____

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.



PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

TICKET NUMBER 57983
FIELD TICKET REF # 48908
LOCATION Thayer, Ks.
FOREMAN Landon Westlund

**TREATMENT REPORT
FRAC & ACID**

| DATE | CUSTOMER # | WELL NAME & NUMBER | SECTION | TOWNSHIP | RANGE | COUNTY |
|------------------------|------------|--------------------|-----------------------------|----------|---------|--------|
| 2-21-14 | 3372 | Blythe # 7-6 | | | | BB |
| CUSTOMER GRAND MESA | | | * Safety meeting Attention! | | | |
| MAILING ADDRESS | | | TRUCK # | DRIVER | TRUCK # | DRIVER |
| CITY | | | 474 | Wes | 489 | CV |
| STATE | | | 489 T90 | Cody | | |
| ZIP CODE | | | | | | |

WELL DATA

| | |
|--------------------------|-----------------------------------|
| CASING SIZE <u>4 1/2</u> | TOTAL DEPTH <u>692</u> set @ 690' |
| CASING WEIGHT | PLUG DEPTH |
| TUBING SIZE | PACKER DEPTH |
| TUBING WEIGHT | OPEN HOLE |
| PERFS & FORMATION | MISSISSIPPI |
| <u>673-688</u> | <u>60</u> |

TYPE OF TREATMENT

SPT-ABO

CHEMICALS

| | |
|--------------|---------|
| Acid | KCl |
| Inhib | Biocide |
| Stim | |
| Iron control | |

| STAGE | BBL'S PUMPED | INJ RATE | PROPPANT PPG | SAND / STAGE | PSI | |
|-------------|--------------|----------|--------------|--------------|-----|---------------------|
| | | 3.5 | | | | BREAKDOWN 800 |
| | | 3.3 | | | | START PRESSURE |
| | | 3.4 | | | | END PRESSURE |
| | | 3.7 | | | | BALL OFF PRESS NONE |
| | | 3.8 | | | | ROCK SALT PRESS |
| | | 4.0 | | | | ISIP 325 |
| | | | | | | 5 MIN |
| Ball seal | 50 | | | | | 10 MIN |
| | | | | | | 15 MIN |
| TOTAL WATER | 500 gal | | | | | MIN RATE |
| | | 4.0 | | | | MAX RATE |
| TOTAL ACID | 1,000 gal | | | | | DISPLACEMENT |
| | | 4.0 | | | | 168 gal |
| TOTAL FLUID | 1500 gal | | | | | |

REMARKS:

Hold another meeting! Well was capped on (2-20-14)
pumped in 1000 gal of 15% HCL on Perfs with ball (50) seal
& took the ball back but no ball-off! shot down & released
Ball seals 50 gal plus!

THANK YOU FOR YOUR BUSINESS!

AUTHORIZATION _____ TITLE _____ DATE 2-21-14