KOLAR Document ID: 1783054

Confidentiality Requested:

Yes No

Kansas Corporation Commission Oil & Gas Conservation Division

Form ACO-1
January 2018
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.: | | | | |
|--|--|--|--|--|--|--|
| Name: | | Spot Description: | | | | |
| Address 1: | | | | | | |
| Address 2: | | Feet from North / South Line of Section | | | | |
| City: Sta | ate: | 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.xxxxxx) (e.gxxx.xxxxxxx) | | | | |
| 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 ☐ DH | ☐ SWD | Elevation: Ground: Kelly Bushing: | | | | |
| | GSW | Total Vertical Depth: Plug Back Total Depth: | | | | |
| CM (Coal Bed Methane) | | Amount of Surface Pipe Set and Cemented at: Fee | | | | |
| | , 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 Total Depth: | | | | | |
| □ Deepening□ Re-perf.□ Plug Back□ Liner | Conv. to EOR Conv. to SWD Conv. to GSW Conv. to Producer | Drilling Fluid Management Plan (Data must be collected from the Reserve Pit) | | | | |
| O constitution of | Describ # | Chloride content: ppm Fluid volume: bbls | | | | |
| ☐ Commingled | Permit #: | Dewatering method used: | | | | |
| ☐ Dual Completion☐ SWD | Permit #: | | | | | |
| ☐ EOR | Permit #: | Location of fluid disposal if hauled offsite: | | | | |
| ☐ GSW | Permit #: | Operator Name: | | | | |
| 3011 | | Lease Name: License #: | | | | |
| Spud Date or Date Rea | ahad TD Completion Date 27 | Quarter Sec TwpS. R | | | | |
| Recompletion Date | ched TD Completion Date or 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 Drill Stem Tests Received | | | | | | |
| Geologist Report / Mud Logs Received | | | | | | |
| UIC Distribution | | | | | | |
| ALT I II Approved by: Date: | | | | | | |

KOLAR Document ID: 1783054

Page Two

| Operator Name: _ | | | | Lease Name: | | | Well #: | | | |
|--|---------------------|-----------------------|--------------------------------|-----------------------|---|---|---|--|--|--|
| Sec Twp. | S. R. | E | ast West | County: | | | | | | |
| | flowing and shu | ut-in pressures, v | vhether shut-in pre | ssure reached st | atic level, hydrosta | tic pressures, bot | | val tested, time tool erature, fluid recovery, | | |
| Final Radioactivity files must be subm | | | | | | iled to kcc-well-lo | gs@kcc.ks.gov | v. Digital electronic log | | |
| Drill Stem Tests Ta | | | Yes No | | | Formation (Top), Depth and Datum | | | | |
| Samples Sent to 0 | Geological Surv | /ey | Yes No | Na | me | | Тор | Datum | | |
| Cores Taken Electric Log Run Geologist Report / List All E. Logs Ru | _ | | Yes No Yes No Yes No | | | | | | | |
| | | B | CASING eport all strings set-c | | New Used | ion, etc. | | | | |
| Purpose of Strir | | Hole illed | Size Casing Set (In O.D.) | Weight Lbs. / Ft. | Setting Depth | Type of Cement | # Sacks Used | Type and Percent Additives | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | ADDITIONAL | CEMENTING / SO | UEEZE RECORD | | | | | |
| Purpose: | | epth T Bottom | ype of Cement | # Sacks Used | # Sacks Used Type and Percent Additives | | | | | |
| Perforate Protect Casi Plug Back T | | | | | | | | | | |
| Plug Off Zor | | | | | | | | | | |
| Did you perform a Does the volume Was the hydraulic | of the total base f | fluid of the hydrauli | | _ | = | No (If No, sk | ip questions 2 an ip question 3) out Page Three | , | | |
| Date of first Product Injection: | tion/Injection or R | esumed Production | Producing Meth | nod: | Gas Lift 0 | Other (Explain) | | | | |
| Estimated Production Per 24 Hours | on | Oil Bbls. | | | | | Gas-Oil Ratio | Gravity | | |
| DISPOS | SITION OF GAS: | | N | METHOD OF COMP | DN INTERVAL: Bottom | | | | | |
| | Sold Used | I on Lease | Open Hole | | | mmingled mit ACO-4) | Тор | BOROTT | | |
| , | , | | | B.11 B1 | | | | | | |
| Shots Per Foot | Perforation Top | Perforation Bottom | Bridge Plug Type | Bridge Plug Set At | Acid, | Fracture, Shot, Cer (Amount and Kind | menting Squeeze I of Material Used) | Record | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| TUBING RECORD: | : Size: | Set | Δ+- | Packer At: | | | | | | |
| TODING RECORD: | . 3126. | | n. | i donei Al. | | | | | | |

| Form | ACO1 - Well Completion |
|-----------|------------------------|
| Operator | Double G Petro LLC |
| Well Name | MJ1 1 |
| Doc ID | 1783054 |

Tops

| Name | Тор | Datum |
|----------------|-------|-------|
| Top Anhydrite | 1382' | +764 |
| Base Anhydrite | 1420' | +726 |
| Topeka | 3171' | -1025 |
| Heebner | 3456' | -1310 |
| Toronto | 3476' | -1330 |
| LKC | 3499' | -1353 |
| ВКС | 3757' | -1611 |
| Pawnee | 3810' | -1664 |
| Arbuckle | 3855' | -1709 |

| Form | ACO1 - Well Completion |
|-----------|------------------------|
| Operator | Double G Petro LLC |
| Well Name | MJ1 1 |
| Doc ID | 1783054 |

Casing

| Purpose Of String | Size Hole Drilled | Size Casing Set | Weight | Setting Depth | Type Of Cement | | Type and Percent Additives |
|----------------------|----------------------|-----------------------|--------|------------------|-------------------|-----|----------------------------------|
| Surface | 12.25 | 8.625 | 23 | 262 | 80/20 Poz | 175 | 2%Gel & 3%CC |
| Production | 7.875 | 5.5 | 15.5 | 3964 | Q-Pro-C | 155 | 10% Salt & 5% Gilsonite |
| | | | | | | | |
| | | | | | | | |

QUALITY OILWELL CEMENTING, INC. Federal Tax I.D.# 20-2886107

Phone 785-483-1071 Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 3817

| Sec. | Twp. Rai | nge | County | State | On Location | Finish | | | |
|--|--------------------------------------|---------------------------------|--|---|--|--|--|--|--|
| Date 2-29-24 14 | 16 20 | K | USh. | ts | a esis Hesimoc Xini i | 11:00PM | | | |
| - TARAM BELL BUT DE LA PERSONAL - La MINISTER DE LA LANGE DE LA PRIMER DE LA P | lu aten <mark>ou orion</mark> | Locat | ion/reben | thal 15 | 9WIN | oleka esto trad il | | | |
| Lease | Well No | | Owner | ode feeranti nega v | - Ewilelia Ewile | - SAU-YOU STEED B | | | |
| Contractor Discovery | Per Lemon e | gei micriushi s | | well Cementing, Inc by requested to rent | | t and furnish | | | |
| Type Job Sartace | 2 | 3 | You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed. | | | | | | |
| Hole Size 12 4 | T.D. 26 | 3 | Charge Double G Petro LLC | | | | | | |
| Csg. & F | Depth | a holitus est li | Street | | (bgal ynd v) , marri) add ka machedl at as | | | | |
| Tbg. Size | Depth | | City | 3 | State | nus aldinouses | | | |
| Tool | Depth | Land make for | The above was | done to satisfaction a | nd supervision of owner | agent or contractor. | | | |
| Cement Left in Csg. | Shoe Joint | Jack Tluxur | Cement Amou | int Ordered | A50/20 3- | 2 so m carbacit | | | |
| Meas Line | Displace 15 | 34 | | | WILLIAM STANCE | DMSH. | | | |
| EQUIPI | MENT | Labora Data Te | Common /9 | 10 | r dar en 56 es pir di al | service VTIAUS | | | |
| Pumptrk No. Cementer Helper | 5 | 11/ | Poz. Mix 3. | 5 050 401 -000 00 | of the state of th | a amalyos pridu | | | |
| Bulktrk No. Driver Driver | (((1) 815 (B) 150 (B) | MCK | Gel. 3 | sectoum rolons do | EMJECJARAHO MOR | AJA-BIE- | | | |
| Bulktrk 9 No. Driver Driver | 0 | 1006 | Calcium 6 | JAUD SC. The FPA | NOTE DO Jacobski re | dinap revules ils | | | |
| JOB SERVICES | & REMARKS | O ve bar or | Hulls | West oach Sen | ride Luckerto 3d Illian | food sole, here | | | |
| Remarks: | e a la villacoid l | ma yne Sea oan | Salt | NUO I BELLEA | LINE SHOTTIGHOUS | 1301VA.16- | | | |
| Rat Hole | ner saue i invari ale samulandi s | mane titusto. Dancino entrad | Flowseal | | | | | | |
| Mouse Hole | ars was tenisos | ees, from and | Kol-Seal | | | | | | |
| Centralizers | i malan we v | elaharkani albi | Mud CLR 48 | | | | | | |
| Baskets | | , | CFL-117 or CD110 CAF 38 | | | | | | |
| D/V or Port Collar | | | Sand | | | | | | |
| let e | | | Handling 184 | | | | | | |
| Centul | | | Mileage | | | | | | |
| Dumo of up well | 15-4 | | | FLOAT EQUIPM | ENT A Committee of the | arted bee Palvic | | | |
| Cent Did Ock | 90 | | Guide Shoe | | | Alberta Ville | | | |
| rhomeo ni nodos leogredo mos | t pada ses bacil | | Centralizer | n seem to straded y | m eggest um et e | Y11.JALJØY.E | | | |
| AN THE POST | | | Baskets | rbadi tor | la na 1970 m. la Madem | Lings Vulbreus | | | |
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| ٧ | | | | | | | | | |

QUALITY OILWELL CEMENTING, INC. Federal Tax I.D.# 20-2886107

Phone 785-483-1071 Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 3820

| Date 3-24 Sec. | Twp. | Range 2 0 | 71 THE 1 | County | State | On Location | 2.00Pm | | |
|--|---------------------|----------------------|-----------------------|------------------------------------|-------------------------|---|--|--|--|
| entire de la company de la contra municipal de la contra dela contra de la contra del la contra dela | (F) = 1 / | r hi star a la | | visit a second | nthal 159 | win | dovni s I Jawn | | |
| Lease MJI | ja - la j Karana | Well No. | 1 | Owner | 11/14/ 13 / | | protect and the civiles | | |
| Contractor Discovery | Ma. Iga | mus lagal mu | novem a | To Quality Oilwell Cementing, Inc. | | | | | |
| Type Job Z. S. | 1 1004 | 9 810 16 10 741 | BARUT ST | | | cementing equipment per or contractor to do | | | |
| Hole Size 73 | T.D. | 3956 | 92 | Charge Double G Prace Stock | | | | | |
| Csg. 54 (7# | Depth | 3 126 | Dameore | Street | DUBTE G 4 | | BRIACH FAGE SC | | |
| Tbg. Size | Depth | | in order | City | | Chata | | | |
| Tool | Depth | iyoarna liana | or or rea | THE PROPERTY. | done to estisfaction of | State | agent or contractor | | |
| Cement Left in Csg. 44. 75 | | | | | | nd supervision of owner | -1 | | |
| Cement Len in Osg. 7 7. | Shoe Jo | (10 94 | THE STATE OF | | | y OPROC S | 1.61 | | |
| Meas Line EQUIP | Displac | e / v . | | 10/6 | alt 500 94 | 1=1054 | TOWELLO | | |
| No Cementer | 7211 | Rill | pris jorg Serbrane | Common 1 | o w prod | edison il or oli oli sa edisoni il or oli oli sa | ranujada ALAU! Promplusa ashla | | |
| Pumptrk / Helper | | Nick | | Poz. Mix | 4.010 | od (diniginalis | Water State of the | | |
| Bulktrk Driver | | 100 1207010 | UU bhai | Gel. | nadatem réhna de | NON CHARGES: No | 48 A95 B9 - | | |
| Bulktrk / 9 Driver | | Doug | | Calcium | DAGE VEG NECKER | | OF ROLL OF STATE OF S | | |
| JOB SERVICES | & REMA | RKS | brefra a | Hulls | ingga vides tol verka | will be charged each | ricod o bourrant | | |
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| Rat Hole 30 | sie same | bu D binon is | the mer | Flowseal | | | | | |
| Mouse Hole 15 | any and | izintaga tirkayi | of zony | Kol-Seal \$50-# | | | | | |
| Centralizers / 3 8 | 11 - | 57 | ad dida | Mud CLR 48 500 Clark | | | | | |
| Baskets | | | | CFL-117 or CD110 CAP 38 | | | | | |
| D/V or Port Collar | 2 | 1420 | 1914, 191 | Sand | | | | | |
| pipe set e 390 | 14.9 | 2 | o io e y | Handling 223 | | | | | |
| Shoet 4 | 4.7- | 5 | | Mileage | | | | | |
| DN or Port Collar #55 Pipe set e 396 Shoe 5+ Insert 39 | 120 | 17 | | | FLOAT EQUIPM | ENT | DMER and velor | | |
| | | | | Guide Shoe | | | | | |
| Cent W/ 1550 | | | | Centralizer - 5 | | | | | |
| Cuma Alua III 9/1 | 54/5 | | 307 | Baskets - 2 | | | | | |
| I and alue e | 200 | | | AFU Inserts | | | | | |
| zano prog e | 100 | | | | | | | | |
| | | | | Float Shoe | | | LuA-10 - Luoni | | |
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| JERRAL SAIS SANS SUCRESS. | 0/2-1945 | | | PORt COL | 19n-1 | West Manager | ot to sauget arms | | |
| | | | | 000 | China | ufrecional tanad | | | |
| Vib to Acter an to sense period | \$ 01 11 X | | | Pumptrk Char | ge V(CX | MINY | Commence (A) | | |
| | | | Mileage 5 | / | The Village | nam in anna, ha | | | |
| is, intermalian of data function | akenfeenna t | en acy o | 64 O 1 191 | TEN SÃS TRUMATOS | Tax | ngelsom (S) : Masa y 17 mages | | | |
| v 0 4 | Dis our | - Loves of the state | on the colours | | NRS | Discount | on an acology V | | |
| Signature Kyr Joseff | iabino ad | Barle YTLAU | De by C | xho | | Total Charge | cur io neite isige | | |
| the ga to jest U lemn us as ton bou | | oo ji ee ago bi | | 11/ | WWYTUAUS Y | | | | |



QUALITY OILWELL CEMENTING, INC.

PO Box 32 - 740 West Wichita Ave, Russell KS 67665 Phone:785-324-1041 fax:785-483-1087 Email: cementing@ruraltel.net Date: 3/7/2024 Invoice # 3820

P.O.#:

Due Date: 4/6/2024

Division: Russell

Invoice

Contact:

Address/Job Location:

Double G. Petro

Reference:

M J I SEC 14-16-20

Description of Work:

PROD STRING

| Services / Items Included: | Quantity | Price | Taxable | ltem . | Quantity | Price | Taxable |
|---|----------|----------------|---------|---|---------------|-----------------|---------|
| Labor | | \$ 900.03 | No | Salt (Fine) | 15 | \$198.22 | Yes |
| Pro-C Cement | 200 | \$ 4,842.11 | Yes | Bulk Truck Mileage-Job to Nearest Bulk Plant | 54 | \$190.66 | No |
| Cement Port Collar, 5 1/2" | 1 | \$ 2,622.81 | Yes | | | | |
| Gilsonite | 850 | \$ 1,286.18 | Yes | | | | |
| Mud Clear | 500 | \$ 736.40 | Yes | | | | ı |
| 5 1/2" Basket | 2 | \$ 564.91 | Yes | | | | |
| 5 1/2" Turbolizer | 5 | \$ 363.16 | Yes | | | | |
| Auto Fill Float Shoe, 5 1/2" | 1 | \$ 338.95 | Yes | | | | |
| Latch Down Plug & Baffle, 5 1/2" | 1 | \$ 268.33 | Yes | | | | |
| Pump Truck Mileage-Job to Nearest Camp | 54 | \$ 245.13 | No | | | | |
| Bulk Truck Matl-Material Service Charge | 223 | \$ 224.96 | No | | | | |
| Invoice Terms: | | | | | SubTotal: | \$ 12,781.85 | |
| Net 30 | | Disco | unt Ava | ailable <u>ONLY</u> if Invoice is Paid within listed terms | | \$ (319.55) | |
| | | | | SubTotal for T | axable Items: | \$ 10,940.55 | |
| | | | | SubTotal for Non-T | axable Items: | \$ 1,521.75 | |
| | | | | | Total: | \$ 12,462.30 | |
| | | | 6.50% | Rush County Sales Tax | Tax: | \$ 711.14 | |
| Thank You For Your Business | ! | | | | nount Due: | \$ 13,173.44 | |
| | | | | | Payments: | | |
| 37 | | | | Ва | lance Due: | \$ 13,173.44 | |

Past Due Invoices are subject to a service charge (annual rate of 24%) This does not include any applicable taxes unless it is listed. ©2008-2013 Straker investments, LLC. All rights reserved.

Geological Report

MJ1 #1
1410' FSL & 630' FSL
Sec. 14 T16s R20w
Rush County, Kansas



Double G Petro, LLC.

General Data

| Well Data: | Double G Petro, LLC. MJ1 #1 1410' FSL & 630' FSL Sec. 14 T16s R20w Rush County, Kansas API # 15-165-22187-0000 |
|----------------------|--|
| Drilling Contractor: | Discovery Drilling Co. Inc. Rig #4 |
| Geologist: | Jason T Alm |
| Spud Date: | February 29, 2024 |
| Completion Date: | March 7, 2024 |
| Elevation: | 2138' Ground Level 2146' Kelly Bushing |
| Directions: | Liebenthal KS, West on blacktop 9.5 mi to 150 rd. North 1.5 mi. West into location |
| Casing: | 267' 8 5/8" surface casing w/ 175 sks 80/20 POZ, 2% Gel, 3% CC |
| | 3964' 5 1/2" production casing w/ 155 sks Q-Pro C, 10% Salt, 5% Gel |
| Samples: | 10' wet and dry, 3150' to RTD |
| Drilling Time: | 3050' to RTD |
| Electric Logs: | Midwest Wireline "Tim Martin" CNL/CDL, DIL, MEL, BHCS |
| Drill Stem Tests: | Two, Diamond Testing "Everett Urban" |
| Problems: | An error was made in the board tally. Error was corrected during DST #1. |
| Remarks: | After DST #1, oil was present in mud system causing high background gas. After DST #2 background gas was extremely high. |

Formation Tops

| | Double G Petro, LLC. |
|-----------|----------------------|
| | MJ1 #1 |
| | Sec. 14 T16s R20w |
| Formation | 1410' FSL & 630' FEL |
| Anhydrite | 1382' +764 |
| Base | 1420' +726 |
| | |
| Topeka | 3171' -1025 |
| Heebner | 3456' -1310 |
| Toronto | 3476' -1330 |
| Lansing | 3499' -1353 |
| BKC | 3757' -1611 |
| Pawnee | 3810' -1664 |
| Arbuckle | 3855' -1709 |
| RTD | 3965' -1819 |
| LTD | 3965' -1819 |
| | |

Sample Zone Descriptions

LKC C (3523' -1377): Covered in DST #1

Ls – Fine crystalline, oolitic packstone with good moldic porosity, light to good oil stain in part, many rocks with light to fair saturation, good show of free when broken, light gassy odor, bright yellow fluorescents, 120 Gas Units

Arbuckle (3855' -1709): Covered in DST #2

Dolo – Fine rhombic crystalline with fair inter-crystalline porosity, light to fair spotted oil stain in porosity, few rocks with light saturation, fair show of free oil when broken and on cup, strong odor, bright yellow fluorescents, good stream cut, 160 Gas Units.

Drill Stem Tests

Diamond Testing "Everett Urban"

DST #1 Lansing-Kansas City C zone

Interval (3517' -3541') Anchor Length 24'

IHP - 1792 #

IFP - 30" - BOB 4 min. 28-139 # ISI - 45" - Built to 10 in. 622 #

FFP - 45" - BOB 9 min. 143-253 # FSI - 60" - BOB 33 min. 620 #

FHP - 1747 # BHT - 114°F

Recovery: 837' GIP

155' SWCGO 88% Oil 124' SOCGW 5% Oil

310' Water

DST #2 Arbuckle

Interval (3837' – 3881') Anchor Length 44'

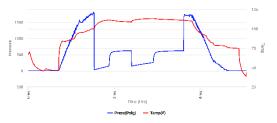
IHP - 2031 #

IFP -5" - BOB 30 sec. 484-595 #
ISI -30" - Built to 9 in. 1211 #
FFP -15" - BOB 1 min. 634-1005 #
FSI -45" - BOB 9 min. 1206 #

FHP - 1972 # BHT - 120°F

Recovery: 806' GIP

2635' HGCO



Structural Comparison

| | Double G Petro, LLC. | Ram Petroleum Corp | N-B Co. Inc. | | |
|-----------|----------------------|--------------------|--------------|-------------------|-------|
| | MJ1 #1 | Hubbs #2 | | Meyers #1-13 | |
| | Sec. 14 T16s R20w | Sec. 14 T16s R20w | | Sec. 13 T16s R20w | |
| Formation | 1410' FSL & 630' FEL | SW NE SE | | SW SW SW | |
| Anhydrite | 1382' +764 | (+767) | (-3) | (+753) | (+11) |
| Base | 1420' +726 | (+731) | (-5) | (+720) | (+6) |
| | | | | | |
| Topeka | 3171' -1025 | -1028 | (+3) | -1030 | (+5) |
| Heebner | 3456' -1310 | -1318 | (+8) | -1317 | (+7) |
| Toronto | 3476' -1330 | -1341 | (+11) | NA | NA |
| Lansing | 3499' -1353 | -1364 | (+11) | -1365 | (+12) |
| BKC | 3757' -1611 | -1629 | (+18) | NA | NA |
| Pawnee | 3810' -1664 | -1675 | (+11) | NA | NA |
| Arbuckle | 3855' -1709 | -1736 | (+25) | -1723 | (+14) |

Summary

The location for the MJ1 #1 was found via 3-D seismic survey. The new well ran structurally as expected via the survey. Two Drill Stem Tests were conducted, one of which recovered commercial amounts of oil from the Arbuckle Formation. After all gathered data had been examined the decision was made to run 5 ½ inch production casing to further evaluate the MJ1 #1 well.

Recommended Perforations

Primary:

Arbuckle 2nd break 3885' – 3888' Not Tested

If not productive squeeze perforations or set a plug

Arbuckle 1st break 3854' – 3857' DST #2

If these perforations will require treatment shoot the additional perfs

Additional Perfs 3858' – 3862'

Before Abandonment:

LKC C 3524' – 3528' DST #1

Respectfully Submitted,

Jason T Alm Hard Rock Consulting, Inc. AAPG # 10134582



Company: Double G Petro, LLC SEC: 14 TWN: 16S RNG: 20W Countv: RUSH

Lease: MJ1 #1

State: KS

Drilling Contractor: Discovery Drilling

Company, Inc. - Rig 4 Elevation: 2139 EGL Field Name: Keough NE

Pool: Infield Job Number: 718 API #: 15-165-22187

Operation:

Test Complete

DATE March

> 04 2024

DST #1 Formation: Lans "C"

Test Interval: 3517 -

Total Depth: 3541'

3541'

Time Off: 04:20 03/05 Time On: 20:56 03/04

Time On Bottom: 23:10 03/04 Time Off Bottom: 02:10 03/05

Electronic Volume Estimate: 1108'

1st Open Minutes: 30 **Current Reading:** 54.0" at 30 min

1st Close Minutes: 45 **Current Reading:** 10.4" at 45 min

2nd Open Minutes: 45 **Current Reading:** 54.6" at 45 min

2nd Close Minutes: 60 Current Reading: 14.6" at 60 min

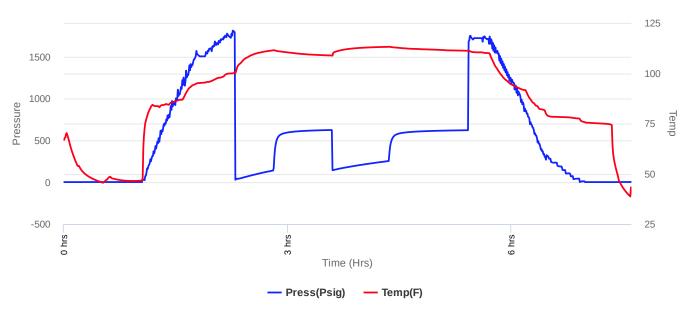
Max Reading: 54.0"

Max Reading: 10.4"

Max Reading: 54.6"

Max Reading: 14.6"

Inside Recorder





Company: Double G Petro, LLC SEC: 14 TWN: 16S RNG: 20W County: RUSH

Lease: MJ1 #1

State: KS

Drilling Contractor: Discovery Drilling

Company, Inc. - Rig 4 Elevation: 2139 EGL Field Name: Keough NE

Pool: Infield Job Number: 718 API #: 15-165-22187

Operation:

Test Complete

DATE March 04 2024

DST #1 Formation: Lans "C"

Test Interval: 3517 -3541'

Total Depth: 3541'

Time Off: 04:20 03/05 Time On: 20:56 03/04 Time On Bottom: 23:10 03/04 Time Off Bottom: 02:10 03/05

Recovered

| <u>Foot</u> | BBLS | Description of Fluid |
|-------------|----------|----------------------|
| 837 | 11.91051 | G |
| 155 | 2.20565 | SLMCSLGCSLWCO |
| 124 | 1.76452 | SLGCSLOCSLMCW |
| 310 | 4.4113 | W |

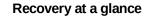
| Gas % | <u>Oil %</u> | Water % | Mud % |
|-------|--------------|---------|-------|
| 100 | 0 | 0 | 0 |
| 5 | 88 | 5 | 2 |
| 5 | 5 | 85 | 5 |
| 0 | 0 | 100 | 0 |

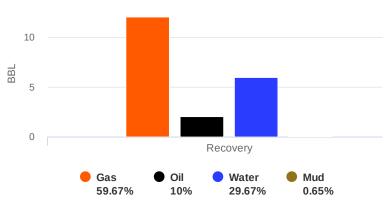
Total Recovered: 1426 ft

Total Barrels Recovered: 20.29198

Reversed Out NO

| Initial Hydrostatic Pressure | 1792 | PSI |
|------------------------------|------------|-----|
| Initial Flow | 28 to 139 | PSI |
| Initial Closed in Pressure | 622 | PSI |
| Final Flow Pressure | 143 to 253 | PSI |
| Final Closed in Pressure | 620 | PSI |
| Final Hydrostatic Pressure | 1747 | PSI |
| Temperature | 114 | °F |
| | | |
| Pressure Change Initial | 0.3 | % |
| Close / Final Close | | |





GIP cubic foot volume: 67.98608



Company: Double G Petro, LLC SEC: 14 TWN: 16S RNG: 20W County: RUSH

Lease: MJ1 #1

State: KS

Drilling Contractor: Discovery Drilling

Company, Inc. - Rig 4 Elevation: 2139 EGL Field Name: Keough NE

Pool: Infield Job Number: 718 API #: 15-165-22187

Test Complete

Operation:

DST #1 Formation: Lans "C"

Test Interval: 3517 -

Total Depth: 3541'

3541'

Time On: 20:56 03/04

Time Off: 04:20 03/05

Time On Bottom: 23:10 03/04 Time Off Bottom: 02:10 03/05

BUCKET MEASUREMENT:

DATE

March

04

2024

1st Open: BOB in 4 mins. Building to 54 ins. in 30 mins.

1st Close: 10.4 in. blow back in 45 mins.

2nd Open: BOB in 9 mins. 20 secs. Building to 54.6 ins. in 45 mins.

2nd Close: BOB blow back in 33 mins. 30 secs. Building to 14.6 ins. in 60 mins.

REMARKS:

Tool Sample: 10% Gas 80% Oil 5% Water 5% Mud

Chlorides: 1,800 ppm



Test Complete

Company: Double G Petro, LLC SEC: 14 TWN: 16S RNG: 20W County: RUSH

Lease: MJ1 #1

DST #1

State: KS

Drilling Contractor: Discovery Drilling

Company, Inc. - Rig 4 Elevation: 2139 EGL Field Name: Keough NE

Pool: Infield Job Number: 718 API #: 15-165-22187

DATE

March 04 2024

Formation: Lans

Test Interval: 3517 -

Total Depth: 3541'

3541'

Time On: 20:56 03/04

Time Off: 04:20 03/05

Time On Bottom: 23:10 03/04 Time Off Bottom: 02:10 03/05

Down Hole Makeup

Heads Up: 18.31 FT 3511.5 FT Packer 1:

Drill Pipe: 3509.15 FT Packer 2: 3517 FT

ID-3 1/2 Top Recorder: 3503 FT

Weight Pipe: FT **Bottom Recorder:** 3550 FT

ID-2 7/8

Well Bore Size: 7 7/8 Collars: FT

1" ID-2 1/4 **Surface Choke:**

Bottom Choke: 5/8" **Test Tool:** 27.16 FT

ID-3 1/2-FH

Total Anchor:

Anchor Makeup

Packer Sub: 1 FT

Perforations: (top): 23 FT

4 1/2-FH

Change Over: FT

Drill Pipe: (in anchor): FT

ID-3 1/2

Change Over: FT

Perforations: (below): FT

4 1/2-FH



Test Complete

Company: Double G Petro, LLC SEC: 14 TWN: 16S RNG: 20W County: RUSH

Lease: MJ1 #1

State: KS

Drilling Contractor: Discovery Drilling

Company, Inc. - Rig 4 Elevation: 2139 EGL Field Name: Keough NE

Pool: Infield Job Number: 718 API #: 15-165-22187

DATE March

04 2024 **DST #1 Formation: Lans** "C"

Test Interval: 3517 -

Total Depth: 3541'

3541'

Time On: 20:56 03/04

Time Off: 04:20 03/05

Time On Bottom: 23:10 03/04 Time Off Bottom: 02:10 03/05

Mud Properties

Mud Type: Chemical Viscosity: 63 Chlorides: 4,400 ppm Weight: 9.2 Filtrate: 7.6



Company: Double G Petro, LLC SEC: 14 TWN: 16S RNG: 20W Countv: RUSH Lease: MJ1 #1

State: KS

Drilling Contractor: Discovery Drilling

Company, Inc. - Rig 4 Elevation: 2139 EGL

Field Name: Keough NE Pool: Infield

Job Number: 718 API #: 15-165-22187

Operation: Test Complete

> **DATE** March

06 2024 **DST #2** Formation: **Arbuckle**

Test Interval: 3837 -

Total Depth: 3881'

3881'

Time On: 07:51 03/06

Time Off: 14:05 03/06

Time On Bottom: 09:24 03/06 Time Off Bottom: 10:59 03/06

Electronic Volume Estimate: 3825'

1st Open Minutes: 5 **Current Reading:** 133.0" at 5 min

1st Close Minutes: 30 **Current Reading:** 9.0" at 30 min

2nd Open Minutes: 15 **Current Reading:** 532.0" at 15 min

2nd Close Minutes: 45 Current Reading: 0" at 45 min

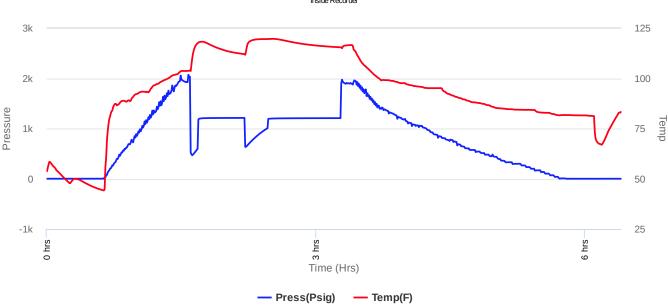
Max Reading: 133.0"

Max Reading: 9.0"

Max Reading: 532.0"

Max Reading: 14.0"

Inside Recorder





Test Complete

Company: Double G Petro, LLC SEC: 14 TWN: 16S RNG: 20W County: RUSH

Lease: MJ1 #1

State: KS

Drilling Contractor: Discovery Drilling

Company, Inc. - Rig 4 Elevation: 2139 EGL Field Name: Keough NE

Pool: Infield Job Number: 718 API #: 15-165-22187

DATE

March

06

2024

DST #2 Formation: Arbuckle

Test Interval: 3837 -

Total Depth: 3881'

3881'

Time Off: 14:05 03/06

Time On: 07:51 03/06

Time On Bottom: 09:24 03/06 Time Off Bottom: 10:59 03/06

Recovered

Description of Fluid <u>Foot</u> **BBLS** 806 11.46938 G 2635 37.49605 **HGCO**

Gas % <u>Oil %</u> Water % Mud % 100 0 0 0 35 65 0 0

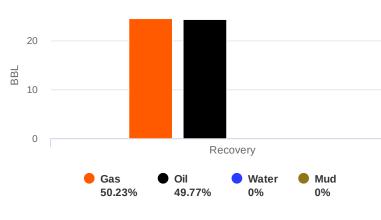
Total Recovered: 3441 ft

Total Barrels Recovered: 48.96543

Reversed Out NO

| Initial Hydrostatic Pressure | 2031 | PSI |
|------------------------------|-------------|-----|
| Initial Flow | 484 to 595 | PSI |
| Initial Closed in Pressure | 1211 | PSI |
| Final Flow Pressure | 634 to 1005 | PSI |
| Final Closed in Pressure | 1206 | PSI |
| Final Hydrostatic Pressure | 1972 | PSI |
| Temperature | 120 | °F |
| | | |
| Pressure Change Initial | 0.4 | % |
| Close / Final Close | | |

Recovery at a glance



GIP cubic foot volume: 138.07738



Test Complete

Company: Double G Petro, LLC SEC: 14 TWN: 16S RNG: 20W County: RUSH

Lease: MJ1 #1

State: KS

Drilling Contractor: Discovery Drilling

Company, Inc. - Rig 4 Elevation: 2139 EGL Field Name: Keough NE

Pool: Infield Job Number: 718 API #: 15-165-22187

DATE March

> 06 2024

DST #2 Formation: Test Interval: 3837 -Total Depth: 3881' Arbuckle

3881'

Time On: 07:51 03/06 Time Off: 14:05 03/06

Time On Bottom: 09:24 03/06 Time Off Bottom: 10:59 03/06

BUCKET MEASUREMENT:

1st Open: BOB in 30 secs. Building to 133 ins. in 5 mins.

1st Close: 9 in. blow back in 30 mins..

2nd Open: BOB in 1 min. Building to 532 ins. in 15 mins.

2nd Close: BOB blow back in 9 mins 30 secs. Building to 14 ins. in 20 mins. Died in 20 mins.

REMARKS:

Tool Sample: 0% Gas 100% Oil 0% Water 0% Mud

Gravity: 44.4 @ 60 °F



Company: Double G Petro, LLC SEC: 14 TWN: 16S RNG: 20W County: RUSH

Lease: MJ1 #1

State: KS

Drilling Contractor: Discovery Drilling

Company, Inc. - Rig 4 Elevation: 2139 EGL Field Name: Keough NE

Pool: Infield Job Number: 718 API #: 15-165-22187

Operation: Test Complete

DATE

March

06

2024

DST #2

Formation:

Test Interval: 3837 -

Total Depth: 3881'

Arbuckle 3881'

Time On: 07:51 03/06

Time Off: 14:05 03/06

Time On Bottom: 09:24 03/06 Time Off Bottom: 10:59 03/06

Down Hole Makeup

Heads Up: 14.31 FT 3831.5 FT Packer 1:

Drill Pipe: 3825.15 FT Packer 2: 3837 FT

ID-3 1/2 Top Recorder: 3823 FT

Weight Pipe: FT **Bottom Recorder:** 3837 FT

ID-2 7/8

Well Bore Size: 7 7/8 Collars: FT

1" ID-2 1/4 **Surface Choke:**

Bottom Choke: 5/8" **Test Tool:** 27.16 FT

ID-3 1/2-FH

Total Anchor:

Anchor Makeup

Packer Sub: 1 FT

Perforations: (top): FT

4 1/2-FH

Change Over: FT

Drill Pipe: (in anchor): FT

ID-3 1/2

Change Over: FT

Perforations: (below): 43 FT

4 1/2-FH



Test Complete

Company: Double G Petro, LLC SEC: 14 TWN: 16S RNG: 20W County: RUSH

Lease: MJ1 #1

State: KS

Drilling Contractor: Discovery Drilling

Company, Inc. - Rig 4 Elevation: 2139 EGL Field Name: Keough NE

Pool: Infield Job Number: 718 API #: 15-165-22187

DATE

March 06 2024

DST #2 Formation: Arbuckle

Test Interval: 3837 -

Total Depth: 3881'

3881'

Time On: 07:51 03/06

Time Off: 14:05 03/06

Time On Bottom: 09:24 03/06 Time Off Bottom: 10:59 03/06

Mud Properties

Mud Type: Chemical Viscosity: 56 Chlorides: 6,400 ppm Weight: 9.35 Filtrate: 9.2