KOLAR Document ID: 1463496

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: 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 # | GPS Location: Lat:, Long: | | | | |
| Name: | (e.g. xx.xxxxx) (e.gxxx.xxxxx) | | | | |
| 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 ☐ SWD | Elevation: Ground: Kelly Bushing: | | | | |
| ☐ Gas ☐ DH ☐ EOR | Total Vertical Depth: Plug Back Total Depth: | | | | |
| ☐ OG ☐ GSW | Amount of Surface Pipe Set and Cemented at: Feet | | | | |
| CM (Coal Bed Methane) | | | | | |
| Cathodic Other (Core, Expl., etc.): | Multiple Stage Cementing Collar Used? | | | | |
| If Workover/Re-entry: Old Well Info as follows: | If yes, show depth set: Feet | | | | |
| Operator: | If Alternate II completion, cement circulated from: | | | | |
| Well Name: | feet depth to:w/sx cmt. | | | | |
| Original Comp. Date: Original Total Depth: | | | | | |
| ☐ Deepening ☐ Re-perf. ☐ Conv. to EOR ☐ Conv. to SWD | Drilling Fluid Management Plan | | | | |
| ☐ Plug Back ☐ Liner ☐ Conv. to GSW ☐ Conv. to Producer | (Data must be collected from the Reserve Pit) | | | | |
| Described | Chloride content: ppm Fluid volume: bbls | | | | |
| ☐ Commingled Permit #: | Dewatering method used: | | | | |
| SWD Permit #: | Location of fluid disposal if hauled offsite: | | | | |
| EOR Permit #: | Location of fluid disposal if flauled offsite. | | | | |
| GSW Permit #: | Operator Name: | | | | |
| | Lease Name: License #: | | | | |
| Spud Date or Date Reached TD Completion Date or | Quarter Sec TwpS. R | | | | |
| 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 Drill Stem Tests Received |
| Geologist Report / Mud Logs Received |
| UIC Distribution |
| ALT I II Approved by: Date: |

KOLAR Document ID: 1463496

Page Two

| Operator Name: | | | | | Lease Nam | ne: | | | Well #: | |
|--|--|------------------------------|---------------------------------|--|--|------------------------------|------------------------------------|-------------------------------|--|--|
| Sec Tw | pS. F | R [| East | West | County: | | | | | |
| open and closed and flow rates if | , flowing and sh gas to surface t ty Log, Final Lo | nut-in pressurest, along wit | es, whe h final c ain Geo | ther shut-in pre hart(s). Attach physical Data a | essure reached extra sheet if r and Final Electr | station more : ric Loc | level, hydrosta space is needed | tic pressures, d. | bottom hole tempe | val tested, time tool erature, fluid recovery, Digital electronic log |
| Drill Stem Tests (Attach Addit | | | Ye | es No | | Lo | og Formatio | n (Top), Deptl | n and Datum | Sample |
| Samples Sent to | Geological Sur | vey | Ye | es 🗌 No | | Name |) | | Тор | Datum |
| Cores Taken Electric Log Run Geologist Repor List All E. Logs F | t / Mud Logs | | Y€ Y€ | es No | | | | | | |
| | | | | | | | | | | |
| | | | Repo | | RECORD [| Nev | w Used rmediate, producti | on. etc. | | |
| Purpose of St | | ze Hole Orilled | Siz | e Casing (In O.D.) | Weight Lbs. / Ft. | | Setting Depth | Type of Cement | # Sacks Used | Type and Percent Additives |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | ADDITIONAL | OF MENTING / | | | | | |
| Purpose: | [| Depth | Typo | of Cement | # Sacks Use | | EEZE RECORD | Typo a | nd Percent Additives | |
| Perforate Protect Ca Plug Back | Top | Bottom | туре | or cement | # Sacks Use | ,u | | туре а | ia reicent Additives | |
| Plug Off Z | | | | | | | | | | |
| Did you perform Does the volum Was the hydraul | e of the total base | fluid of the hyd | draulic fra | cturing treatmen | | • | Yes ns? Yes | No (If No | , skip questions 2 an , skip question 3) , fill out Page Three o | , |
| Date of first Produ | ction/Injection or | Resumed Produ | uction/ | Producing Meth | | | Coolift 0 | thor (Fundain) | | |
| Estimated Produc | otion | Oil Bb | le. | Flowing Gas | Pumping | Wate | | ther <i>(Explain)</i> bls. | Gas-Oil Ratio | Gravity |
| Per 24 Hours | | Oli Bb | 15. | Gas | IVICI | vvale | ı Di | JIS. | Gas-Oil Hallo | Gravity |
| DISPO | OSITION OF GAS | S: | | N | METHOD OF CO | MPLE. | TION: | | PRODUCTIO | N INTERVAL: |
| Vented | Sold Use | d on Lease | | Open Hole | | Dually | | nmingled | Тор | Bottom |
| (If vente | ed, Submit ACO-18 | .) | | | (5 | SUDITIIL I | ACO-5) (Subi | mit ACO-4) | | |
| Shots Per Foot | Perforation Top | Perforation Bottom | on | Bridge Plug Type | Bridge Plug Set At | | Acid, | | Cementing Squeeze Kind of Material Used) | Record |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| TUBING RECOR | D: Size: | | Set At: | | Packer At: | | | | | |

| Form | ACO1 - Well Completion | | | |
|-----------|------------------------|--|--|--|
| Operator | L. D. Drilling, Inc. | | | |
| Well Name | TERRY 1-24 | | | |
| Doc ID | 1463496 | | | |

Casing

| Purpose Of String | Size Hole Drilled | Size Casing Set | Weight | | Type Of Cement | | Type and Percent Additives |
|----------------------|----------------------|-----------------------|--------|------|-------------------|-----|----------------------------------|
| Surface | 12.25 | 8.625 | 23 | 257 | 60/40 POZMIX | 250 | 3% CC |
| Production | 7.875 | 5.5 | 15.5 | 3564 | AA-2 | 150 | 1/4#CELL OFLAKE |
| Production | 7.875 | 5.5 | 15.5 | 1462 | A-CONN | 175 | 3% CC |
| | | | | | | | |



Company: L. D. Drilling, Inc Lease: Terry #1-24

SEC: 24 TWN: 6S RNG: 18W County: ROOKS

County: ROOKS State: Kansas

Drilling Contractor: L. D. Drilling, Inc -

Rig 1

Elevation: 1984 EGL Field Name: Wildcat

Pool: Infield Job Number: 321

Operation:

Uploading recovery & pressures

DATE April

01 2019

DST #1 Form

Formation: Topeka

Test Interval: 3068 -

Total Depth: 3096'

3096'

Time On: 06:00 04/01 Time Off: 13:14 04/01

Time On Bottom: 08:19 04/01 Time Off Bottom: 11:19 04/01

Electronic Volume Estimate:

22'

1st Open Minutes: 30 Current Reading:

1" at 30 min

Max Reading: 1"

1st Close Minutes: 45 Current Reading:

.1" at 45 min

Max Reading: .1"

2nd Open Minutes: 45

Current Reading:

1.5" at 45 min

Max Reading: 1.5"

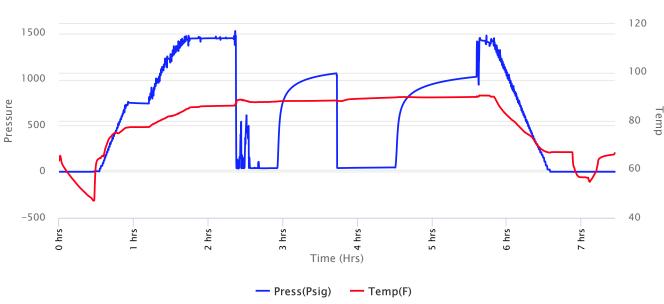
2nd Close Minutes: 60

Current Reading:

.1" at 60 min

Max Reading: .1"

Inside Recorder





Lease: Terry #1-24

SEC: 24 TWN: 6S RNG: 18W

County: ROOKS State: Kansas

Drilling Contractor: L. D. Drilling, Inc -

Rig 1

Elevation: 1984 EGL Field Name: Wildcat

Pool: Infield Job Number: 321

Operation: Uploading recovery & pressures

DATE

April 01 2019 **DST #1** Formation: Topeka Test Interval: 3068 -Total Depth: 3096'

3096'

Time On: 06:00 04/01 Time Off: 13:14 04/01

Time On Bottom: 08:19 04/01 Time Off Bottom: 11:19 04/01

Recovered

BBLS Foot 62 0.63612

Description of Fluid SLOCSLGCHWCM Gas %

5

Oil % Water % 1 30

Mud % 64

Total Recovered: 62 ft

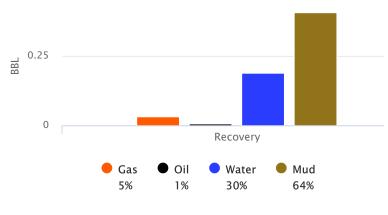
Total Barrels Recovered: 0.63612

Reversed Out NO

| Initial Hydrostatic Pressure | 1440 | PSI |
|------------------------------|----------|-----|
| Initial Flow | 39 to 40 | PSI |
| Initial Closed in Pressure | 1070 | PSI |
| Final Flow Pressure | 41 to 48 | PSI |
| Final Closed in Pressure | 1033 | PSI |
| Final Hydrostatic Pressure | 1439 | PSI |
| Temperature | 90 | °F |
| | | |
| Pressure Change Initial | 3.5 | % |

Close / Final Close

Recovery at a glance



GIP cubic foot volume: 0.17857



Lease: Terry #1-24

SEC: 24 TWN: 6S RNG: 18W County: ROOKS

State: Kansas

Drilling Contractor: L. D. Drilling, Inc -

Rig 1

Elevation: 1984 EGL Field Name: Wildcat

Pool: Infield Job Number: 321

Operation: Uploading recovery &

pressures

<u>DATE</u>

April

01 2019 **DST #1** Formation: Topeka Test Interval: 3068 -Total Depth: 3096' 3096'

Time On: 06:00 04/01 Time Off: 13:14 04/01

Time On Bottom: 08:19 04/01 Time Off Bottom: 11:19 04/01

BUCKET MEASUREMENT:

1st Open: WSB. Built to 1 inch is 30 mins.

1st Close: Weak Blow Back

2nd Open: WSB. Built to 1 1/2 inches in 45 mins

2nd Close: Weak Blow Back

REMARKS:

Hit Bridge 15 off bottom. Opened tool on Bridge and broke through and made it to bottom.

Most of mud recovery was from tool sliding to bottom.

Tool Sample: 0% Gas 2% Oil 5% Water 93% Mud

Ph: 7

Measured RW: .39 @ .52 degrees °F

RW at Formation Temp: 0.029 @ 90 °F

Chlorides: 22800 ppm



Company: L. D. Drilling, Inc Lease: Terry #1-24

SEC: 24 TWN: 6S RNG: 18W

County: ROOKS State: Kansas

Drilling Contractor: L. D. Drilling, Inc -

Rig 1

Elevation: 1984 EGL Field Name: Wildcat Pool: Infield

Job Number: 321

Operation:

Uploading recovery & pressures

DATE

April

01

2019

DST #1

Formation: Topeka

Test Interval: 3068 -

Total Depth: 3096'

3096'

Time On: 06:00 04/01

Time Off: 13:14 04/01

Time On Bottom: 08:19 04/01 Time Off Bottom: 11:19 04/01

Down Hole Makeup

Heads Up: 25.75 FT Packer 1: 3063 FT

Drill Pipe: 3061.18 FT Packer 2: 3068 FT

ID-3 1/4

Top Recorder: 3052.42 FT

Weight Pipe: FT

Bottom Recorder: 3070 FT

ID-2 7/8

Well Bore Size: 7 7/8

Collars: 0 FT

ID-2 1/4

Surface Choke: 1"

Test Tool: 33.57 FT **Bottom Choke:** 5/8"

ID-3 1/2-FH

Jars

Safety Joint

Total Anchor: 28

Anchor Makeup

Packer Sub: 1 FT

FT Perforations: (top):

4 1/2-FH

Change Over:

Drill Pipe: (in anchor): FT

ID-3 1/4

Change Over: FT

Perforations: (below): 27 FT

4 1/2-FH



Lease: Terry #1-24

SEC: 24 TWN: 6S RNG: 18W

County: ROOKS State: Kansas

Drilling Contractor: L. D. Drilling, Inc -

Rig 1

Elevation: 1984 EGL Field Name: Wildcat

Pool: Infield Job Number: 321

Operation:

Uploading recovery & pressures

DATE

April

01 2019

Formation: Topeka Total Depth: 3096' **DST #1** Test Interval: 3068 -

3096'

Time On: 06:00 04/01 Time Off: 13:14 04/01

Time On Bottom: 08:19 04/01 Time Off Bottom: 11:19 04/01

Mud Properties

Viscosity: 30 Chlorides: 4000 ppm Mud Type: Chem Weight: 9.6 Filtrate: N/C



Lease: Terry #1-24

SEC: 24 TWN: 6S RNG: 18W

County: ROOKS State: Kansas

Drilling Contractor: L. D. Drilling, Inc -

Rig 1

Elevation: 1984 EGL Field Name: Wildcat

Pool: Infield Job Number: 321

Operation:
Uploading recovery &

pressures

DATE April

01 2019

DST #1 Formation: Topeka

Test Interval: 3068 -

Total Depth: 3096'

3096'

Time On: 06:00 04/01 Time Off: 13:14 04/01

Time On Bottom: 08:19 04/01 Time Off Bottom: 11:19 04/01

Gas Volume Report

1st Open

2nd Open

| Time | Orifice | PSI | MCF/D | Time | Orifice | PSI | MCF/D |
|------|---------|-----|-------|------|---------|-----|-------|
| | | | | I | | | |



Company: L. D. Drilling, Inc Lease: Terry #1-24

County: ROOKS State: Kansas

Drilling Contractor: L. D. Drilling, Inc -

SEC: 24 TWN: 6S RNG: 18W

Rig 1

Elevation: 1984 EGL Field Name: Wildcat

Pool: Infield Job Number: 321

Operation:

Uploading recovery & pressures

DATE April

02 2019

DST #2 Formation: Tor-Lans Test Interval: 3129 - Total Depth: 3220'

Time On: 00:16 04/02 Time Off: 06:55 04/02

Time On Bottom: 01:54 04/02 Time Off Bottom: 04:54 04/02

Electronic Volume Estimate:

78'

1st Open Minutes: 30 Current Reading:

4.5" at 30 min

Max Reading: 4.5"

1st Close Minutes: 45 Current Reading: 0" at 45 min

Max Reading: 0"

2nd Open Minutes: 45 Current Reading:

5" at 45 min

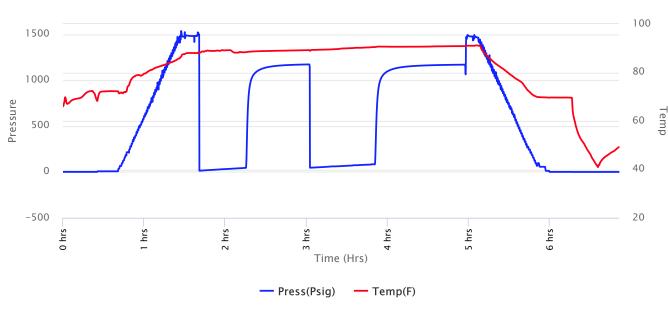
Max Reading: 5"

2nd Close Minutes: 60 Current Reading:

0" at 60 min

Max Reading: 0"







Lease: Terry #1-24

SEC: 24 TWN: 6S RNG: 18W

Total Depth: 3220'

Recovery

Water

5%

Mud

95%

County: ROOKS State: Kansas

Drilling Contractor: L. D. Drilling, Inc -

Rig 1

Gas

0%

Oil

0%

Elevation: 1984 EGL Field Name: Wildcat

Pool: Infield Job Number: 321

Operation:

Uploading recovery & pressures

> **DATE** April 02

> > 2019

DST #2 Formation: Tor-Lans Test Interval: 3129 -В

3220'

Time On: 00:16 04/02 Time Off: 06:55 04/02

Time On Bottom: 01:54 04/02 Time Off Bottom: 04:54 04/02

BBL

Recovered

Mud % **BBLS Description of Fluid** Gas % Oil % Water % **Foot** 149 1.52874 **SLWCM** 0 0 5 95

Total Recovered: 149 ft

Total Barrels Recovered: 1.52874

Recovery at a glance Reversed Out

NO Initial Hydrostatic Pressure 1480 PSI Initial Flow PSI 13 to 45 **Initial Closed in Pressure** 1172 PSI Final Flow Pressure 46 to 83 PSI **Final Closed in Pressure** 1169 PSI Final Hydrostatic Pressure 1479 PSI °F Temperature 91

% Pressure Change Initial 0.2

GIP cubic foot volume: 0 Close / Final Close



Lease: Terry #1-24

SEC: 24 TWN: 6S RNG: 18W County: ROOKS

State: Kansas

Drilling Contractor: L. D. Drilling, Inc -

Rig 1

Elevation: 1984 EGL Field Name: Wildcat

Pool: Infield Job Number: 321

Operation:

Uploading recovery & pressures

<u>DATE</u>

April

02 2019 **DST #2 Formation: Tor-Lans** В

Test Interval: 3129 -

Total Depth: 3220'

3220'

Time On: 00:16 04/02 Time Off: 06:55 04/02

Time On Bottom: 01:54 04/02 Time Off Bottom: 04:54 04/02

BUCKET MEASUREMENT:

1st Open: 1/4 " Blow. Built to 4 1/2 inches in 30 mins

1st Close: NOBB

2nd Open: 1/4" Blow. Built to 5 inches in 30 mins.

2nd Close: NOBB

REMARKS:

Hit 10 foot of fill but was able to make it to bottom.

Tool Sample: 0% Gas 0% Oil 55% Water 45% Mud

Ph: 7

Measured RW: .5 @ 35 degrees °F

RW at Formation Temp: 0.214 @ 91 °F

Chlorides: 19000 ppm



Operation:

Uploading recovery &

pressures

Company: L. D. Drilling, Inc

Lease: Terry #1-24

SEC: 24 TWN: 6S RNG: 18W

Total Depth: 3220'

3113.37 FT

County: ROOKS State: Kansas

Drilling Contractor: L. D. Drilling, Inc -

Rig 1

Elevation: 1984 EGL Field Name: Wildcat

Pool: Infield Job Number: 321

DATE

April

02 2019 **DST #2 Formation: Tor-Lans** Test Interval: 3129 -В

3220'

Time On: 00:16 04/02 Time Off: 06:55 04/02

Time On Bottom: 01:54 04/02 Time Off Bottom: 04:54 04/02

Down Hole Makeup

Heads Up: 27.03 FT Packer 1: 3123.95 FT

Drill Pipe: 3123.41 FT Packer 2: 3128.95 FT

ID-3 1/4 Top Recorder:

Weight Pipe: FT

Bottom Recorder: 3198 FT ID-2 7/8

Well Bore Size: 7 7/8 Collars: 0 FT

Surface Choke: 1" ID-2 1/4

Bottom Choke: 5/8" **Test Tool:** 33.57 FT

ID-3 1/2-FH

Jars

Safety Joint

Total Anchor: 91.05

Anchor Makeup

Packer Sub: 1 FT

Perforations: (top): 3 FT

4 1/2-FH

Change Over: .5 FT

Drill Pipe: (in anchor): 62.55 FT

ID-3 1/4

Perforations: (below):

1 FT

23 FT

4 1/2-FH

Change Over:



Lease: Terry #1-24

DST #2

SEC: 24 TWN: 6S RNG: 18W

County: ROOKS State: Kansas

Drilling Contractor: L. D. Drilling, Inc -

Rig 1

Elevation: 1984 EGL Field Name: Wildcat

Pool: Infield Job Number: 321

Operation:

Uploading recovery & pressures

DATE

April **02**

2019

Formation: Tor-Lans B

Test Interval: 3129 -

Total Depth: 3220'

3220'

Time On: 00:16 04/02 Time Off: 06:55 04/02

Time On Bottom: 01:54 04/02 Time Off Bottom: 04:54 04/02

Mud Properties

Mud Type: Chem Weight: 8.9 Viscosity: 60 Filtrate: 6.8 Chlorides: 1700 ppm



Lease: Terry #1-24

SEC: 24 TWN: 6S RNG: 18W

County: ROOKS State: Kansas

Drilling Contractor: L. D. Drilling, Inc -

Rig 1

Elevation: 1984 EGL Field Name: Wildcat

Pool: Infield
Job Number: 321

Operation:
Uploading recovery &

pressures

DATE April

April **02** 2019

DST #2 Formation: Tor-Lans B

Test Interval: 3129 -

Total Depth: 3220'

3220'

Time On: 00:16 04/02 Time Off: 06:55 04/02

Time On Bottom: 01:54 04/02 Time Off Bottom: 04:54 04/02

Gas Volume Report

1st Open

2nd Open

| Time | Orifice | PSI | MCF/D | | Time | Orifice | PSI | MCF/D |
|------|---------|-----|-------|--|------|---------|-----|-------|
|------|---------|-----|-------|--|------|---------|-----|-------|



Company: L. D. Drilling, Inc Lease: Terry #1-24

County: ROOKS State: Kansas

Drilling Contractor: L. D. Drilling, Inc -

SEC: 24 TWN: 6S RNG: 18W

Rig 1

Elevation: 1984 EGL Field Name: Wildcat

Pool: Infield Job Number: 321

Operation:

Uploading recovery & pressures

> **DATE** April

02

2019

DST #3 Formation: LKC D-G Test Interval: 3212 -Total Depth: 3280'

3280'

Time On: 16:17 04/02 Time Off: 23:27 04/02

Time On Bottom: 18:17 04/02 Time Off Bottom: 21:17 04/02

Electronic Volume Estimate:

211'

1st Open Minutes: 30 **Current Reading:**

10.5" at 30 min

Max Reading: 10.5"

1st Close Minutes: 45 **Current Reading:**

0" at 45 min

Max Reading: 0"

2nd Open Minutes: 45 **Current Reading:**

14.3" at 45 min

Max Reading: 14.3"

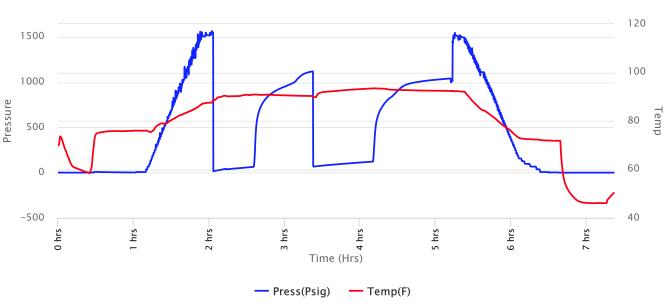
2nd Close Minutes: 60

Current Reading:

.1" at 60 min

Max Reading: .7"

Inside Recorder





Lease: Terry #1-24

County: ROOKS State: Kansas

SEC: 24 TWN: 6S RNG: 18W

Drilling Contractor: L. D. Drilling, Inc -

Mud %

0

Rig 1

Elevation: 1984 EGL Field Name: Wildcat Pool: Infield

Job Number: 321

Operation:

Uploading recovery & pressures

| DATE | |
|-------|--|
| April | |
| 02 | |
| 2019 | |

Total Depth: 3280' DST #3 Formation: LKC D-G Test Interval: 3212 -

3280'

Time On: 16:17 04/02 Time Off: 23:27 04/02

Time On Bottom: 18:17 04/02 Time Off Bottom: 21:17 04/02

Recovered

| <u>Foot</u> | <u>BBLS</u> | Description of Fluid | Gas % |
|-------------|-------------|----------------------|-------|
| 63 | 0.64638 | G | 100 |
| 53 | 0.54378 | 0 | 0 |
| 10 | 0.1026 | SLOCSLGCSLWCM | 5 |
| 189 | 1.93914 | SLOCHWCM | 0 |

| 100 | 0 | 0 |
|-----|----|----|
| 1 | 10 | 84 |
| 3 | 45 | 52 |

Water %

0

Total Recovered: 315 ft

Total Barrels Recovered: 3.2319

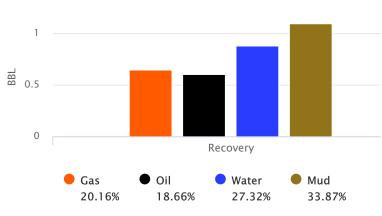
| Reversed Out |
|--------------|
| NO |

| Initial Hydrostatic Pressure | 1505 | PSI |
|------------------------------|-----------|-----|
| Initial Flow | 16 to 64 | PSI |
| Initial Closed in Pressure | 1121 | PSI |
| Final Flow Pressure | 66 to 122 | PSI |
| Final Closed in Pressure | 1042 | PSI |
| Final Hydrostatic Pressure | 1504 | PSI |
| Temperature | 94 | °F |
| | | |
| Pressure Change Initial | 7.1 | % |
| Close / Final Close | | |

Recovery at a glance

Oil %

0



GIP cubic foot volume: 3.6579



Company: L. D. Drilling, Inc Lease: Terry #1-24

SEC: 24 TWN: 6S RNG: 18W

County: ROOKS State: Kansas

Drilling Contractor: L. D. Drilling, Inc -

Rig 1

Elevation: 1984 EGL Field Name: Wildcat

Pool: Infield Job Number: 321

Operation:

Uploading recovery & pressures

<u>DATE</u>

April

02 2019 DST #3 Formation: LKC D-G Test Interval: 3212 -

Total Depth: 3280'

3280'

Time On: 16:17 04/02 Time Off: 23:27 04/02

Time On Bottom: 18:17 04/02 Time Off Bottom: 21:17 04/02

BUCKET MEASUREMENT:

1st Open: 1" Blow. Built to 10 1/2 inches in 30 mins

1st Close: NOBB

2nd Open: 1/4" Blow. BOB in 38 mins

2nd Close: 3/4" Blow Back

REMARKS:

Hit 5 feet of Fill on the way to Bottom.

Tool Sample: 0% Gas 15% Oil 80% Water 5% Mud

Gravity: 37.8 @ 60 °F

Ph: 7

Measured RW: .32 @ 43 degrees °F

RW at Formation Temp: 0.158 @ 94 °F

Chlorides: 38000 ppm



Lease: Terry #1-24

SEC: 24 TWN: 6S RNG: 18W County: ROOKS

State: Kansas

Drilling Contractor: L. D. Drilling, Inc -

Rig 1

Elevation: 1984 EGL Field Name: Wildcat

Pool: Infield Job Number: 321

pressures

Operation:

Uploading recovery &

DATE

April

02 2019 **DST #3** Formation: LKC D-G Test Interval: 3212 -

Total Depth: 3280'

3280'

Time On: 16:17 04/02 Time Off: 23:27 04/02

Time On Bottom: 18:17 04/02 Time Off Bottom: 21:17 04/02

Down Hole Makeup

Heads Up: 6.6200000000002 FT Packer 1: 3207.45 FT

Drill Pipe: 3186.5 FT Packer 2: 3212.45 FT

ID-3 1/4

ID-2 7/8

Top Recorder: 3196.87 FT

Weight Pipe: FT **Bottom Recorder:** 3251 FT

Well Bore Size: 7 7/8 Collars:

Surface Choke: 1" ID-2 1/4

Bottom Choke: 5/8" **Test Tool:** 33.57 FT

ID-3 1/2-FH

Jars

0 FT

Safety Joint

Total Anchor: 67.55

Anchor Makeup

Packer Sub: 1 FT

Perforations: (top): 3 FT

4 1/2-FH

Change Over: 1 FT

Drill Pipe: (in anchor): 31.55 FT

ID-3 1/4

Change Over: 1 FT

Perforations: (below): 30 FT

4 1/2-FH



Lease: Terry #1-24

SEC: 24 TWN: 6S RNG: 18W

County: ROOKS State: Kansas

Drilling Contractor: L. D. Drilling, Inc -

Rig 1

Elevation: 1984 EGL Field Name: Wildcat

Pool: Infield Job Number: 321

Operation:

Uploading recovery & pressures

DATE

April

02 2019

DST #3 Formation: LKC D-G

Test Interval: 3212 -

Total Depth: 3280'

3280'

Time On: 16:17 04/02 Time Off: 23:27 04/02

Time On Bottom: 18:17 04/02 Time Off Bottom: 21:17 04/02

Mud Properties

Mud Type: Chem Weight: 9 Viscosity: 52 Filtrate: 7.2 Chlorides: 1700 ppm



Lease: Terry #1-24

SEC: 24 TWN: 6S RNG: 18W

County: ROOKS State: Kansas

Drilling Contractor: L. D. Drilling, Inc -

Rig 1

Elevation: 1984 EGL Field Name: Wildcat

Pool: Infield

Job Number: 321

Operation:

Uploading recovery & pressures

DATE April

02 2019

DST #3 Formation: LKC D-G

Test Interval: 3212 -

Total Depth: 3280'

3280'

Time On: 16:17 04/02 Time Off: 23:27 04/02

Time On Bottom: 18:17 04/02 Time Off Bottom: 21:17 04/02

Gas Volume Report

1st Open

2nd Open

| Time Orifice PSI MCF/D | Time | | Orifice | PSI | MCF/D |
|------------------------|------|--|---------|-----|-------|
|------------------------|------|--|---------|-----|-------|



Operation:

Company: L. D. Drilling, Inc

Lease: Terry #1-24

SEC: 24 TWN: 6S RNG: 18W County: ROOKS

State: Kansas

Drilling Contractor: L. D. Drilling, Inc -

Rig 1

Elevation: 1984 EGL Field Name: Wildcat Pool: Infield

Job Number: 321

Uploading recovery & pressures

> **DATE** April 03

DST #4 Formation: Lans I-J Test Interval: 3314 -Total Depth: 3360'

3360'

Time On: 09:08 04/03 Time Off: 15:39 04/03

Time On Bottom: 10:54 04/03 Time Off Bottom: 13:54 04/03

Electronic Volume Estimate:

2019

3'

1st Open Minutes: 30 **Current Reading:** .25" at 30 min

Max Reading: .25"

1st Close Minutes: 45 **Current Reading:** 0" at 45 min

Max Reading: 0"

2nd Open Minutes: 45 **Current Reading:**

.1" at 45 min

Max Reading: .1"

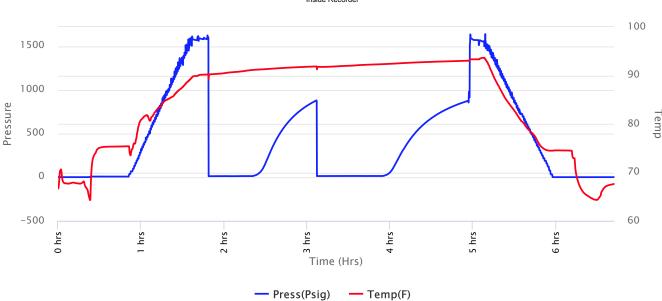
2nd Close Minutes: 60

Current Reading:

0" at 60 min

Max Reading: 0"

Inside Recorder





Lease: Terry #1-24

SEC: 24 TWN: 6S RNG: 18W

County: ROOKS State: Kansas

Drilling Contractor: L. D. Drilling, Inc -

Mud % 0 95

Rig 1

Elevation: 1984 EGL Field Name: Wildcat Pool: Infield

Job Number: 321

Operation:

Uploading recovery & pressures

DATE

April 03 2019 DST #4 Formation: Lans I-J Test Interval: 3314 -

Total Depth: 3360'

3360'

Time On: 09:08 04/03 Time Off: 15:39 04/03

Time On Bottom: 10:54 04/03 Time Off Bottom: 13:54 04/03

Recovered

| <u>Foot</u> | <u>BBLS</u> | Description of Fluid | Gas % | Oil % | Water % |
|-------------|-------------|-----------------------------|-------|-------|---------|
| 4 | 0.04104 | W | 0 | 0 | 100 |
| 1 | 0.01026 | SLOCM | 0 | 5 | 0 |

Total Recovered: 5 ft

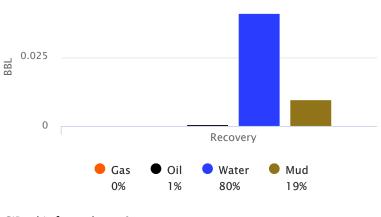
Total Barrels Recovered: 0.0513

Reversed Out NO

| 1568 | PSI |
|----------|--|
| 11 to 13 | PSI |
| 879 | PSI |
| 13 to 14 | PSI |
| 876 | PSI |
| 1569 | PSI |
| 93 | °F |
| | |
| 0.4 | % |
| | 11 to 13 879 13 to 14 876 1569 93 |

GIP cubic foot volume: 0 Close / Final Close

Recovery at a glance





Company: L. D. Drilling, Inc Lease: Terry #1-24

State: Kansas

SEC: 24 TWN: 6S RNG: 18W

Drilling Contractor: L. D. Drilling, Inc -

Rig 1

Elevation: 1984 EGL Field Name: Wildcat

County: ROOKS

Pool: Infield Job Number: 321

Operation:

Uploading recovery & pressures

DATE

April 03

2019

DST #4 Formation: Lans I-J Test Interval: 3314 -Total Depth: 3360'

3360'

Time On: 09:08 04/03 Time Off: 15:39 04/03

Time On Bottom: 10:54 04/03 Time Off Bottom: 13:54 04/03

BUCKET MEASUREMENT:

1st Open: WSB. Built to 1/4 inch in 30 mins

1st Close: NOBB

2nd Open: No Blow. Built to WSB in 45 mins

2nd Close: NOBB

REMARKS:

Tool Sample: 0% Gas 3% Oil 0% Water 97% Mud



Lease: Terry #1-24

SEC: 24 TWN: 6S RNG: 18W

County: ROOKS State: Kansas

Drilling Contractor: L. D. Drilling, Inc -

Rig 1

Elevation: 1984 EGL Field Name: Wildcat

Pool: Infield Job Number: 321

Operation:

Uploading recovery & pressures

DATE April

03

2019

DST #4 Formation: Lans I-J Test Interval: 3314 -Total Depth: 3360'

3360'

Time On: 09:08 04/03 Time Off: 15:39 04/03

Time On Bottom: 10:54 04/03 Time Off Bottom: 13:54 04/03

Down Hole Makeup

Heads Up: 30.26 FT Packer 1: 3308.86 FT

Drill Pipe: 3311.55 FT Packer 2: 3313.86 FT

ID-3 1/4 Top Recorder: 3298.28 FT

Weight Pipe: FT

Bottom Recorder: 3352 FT ID-2 7/8

Well Bore Size: 7 7/8 Collars: 0 FT

Surface Choke: 1" ID-2 1/4

Bottom Choke: 5/8" **Test Tool:** 33.57 FT

ID-3 1/2-FH

Jars

Safety Joint

Total Anchor: 46.14

Anchor Makeup

Packer Sub: 1 FT

Perforations: (top): 3 FT

4 1/2-FH

Change Over: 1 FT

Drill Pipe: (in anchor): 31.14 FT

ID-3 1/4

Change Over: 1 FT

Perforations: (below): 9 FT

4 1/2-FH



Lease: Terry #1-24

SEC: 24 TWN: 6S RNG: 18W

County: ROOKS State: Kansas

Drilling Contractor: L. D. Drilling, Inc -

Rig 1

Elevation: 1984 EGL Field Name: Wildcat

Pool: Infield Job Number: 321

Operation:

Uploading recovery & pressures

DATE

April **03**

2019

DST #4

Formation: Lans I-J

Test Interval: 3314 -

Total Depth: 3360'

3360'

Time On: 09:08 04/03 Time Off: 15:39 04/03

Time On Bottom: 10:54 04/03 Time Off Bottom: 13:54 04/03

Mud Properties

Mud Type: Chem Weight: 9.1 Viscosity: 50 Filtrate: 7.6 Chlorides: 1600 ppm



Company: L. D. Drilling, Inc Lease: Terry #1-24

County: ROOKS

State: Kansas

SEC: 24 TWN: 6S RNG: 18W

Drilling Contractor: L. D. Drilling, Inc -

Rig 1

Elevation: 1984 EGL Field Name: Wildcat

Pool: Infield Job Number: 321

Operation: Uploading recovery &

pressures

DATE April

03 2019 **DST #4** Formation: Lans I-J Test Interval: 3314 -

Total Depth: 3360'

3360'

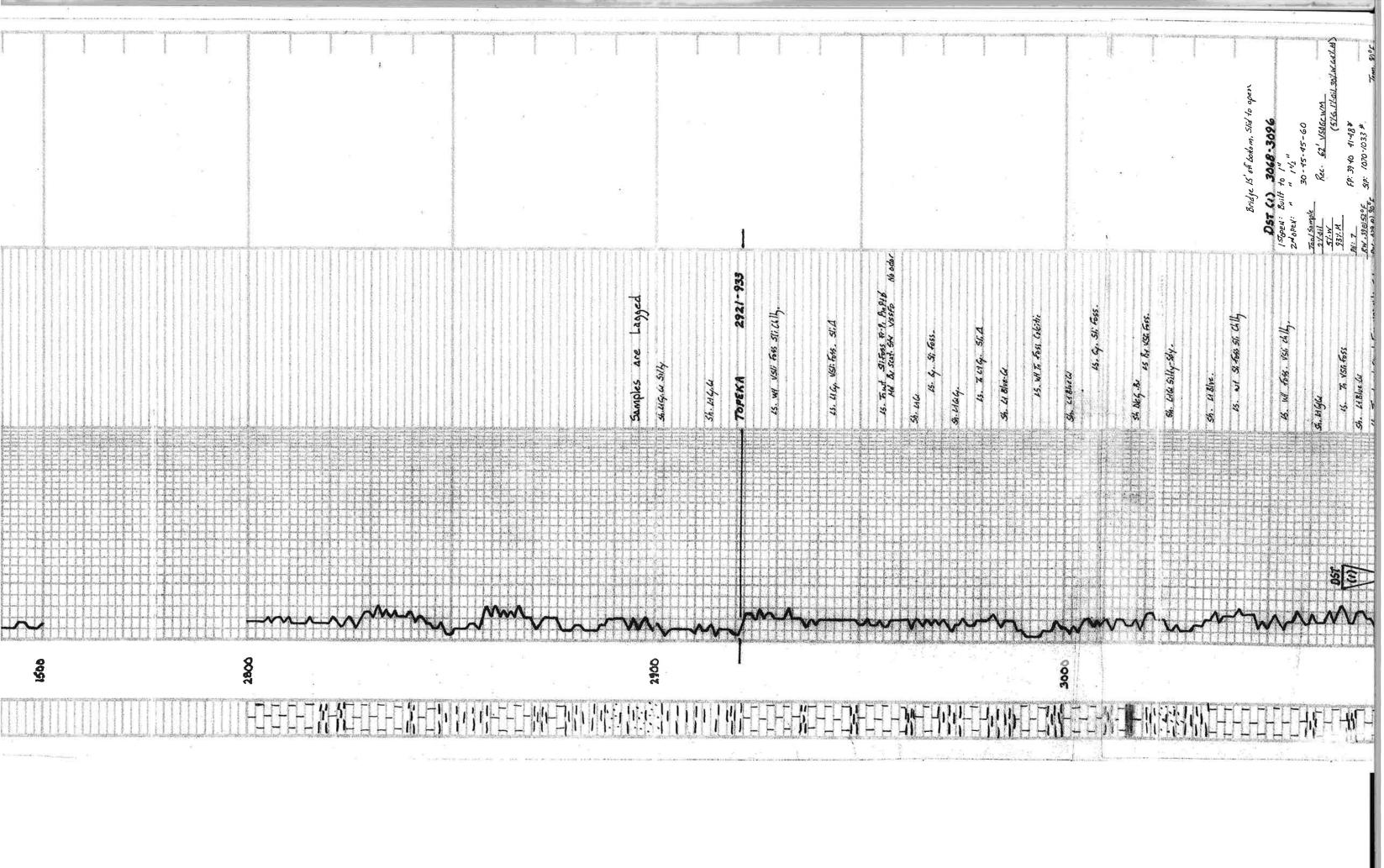
Time On: 09:08 04/03 Time Off: 15:39 04/03

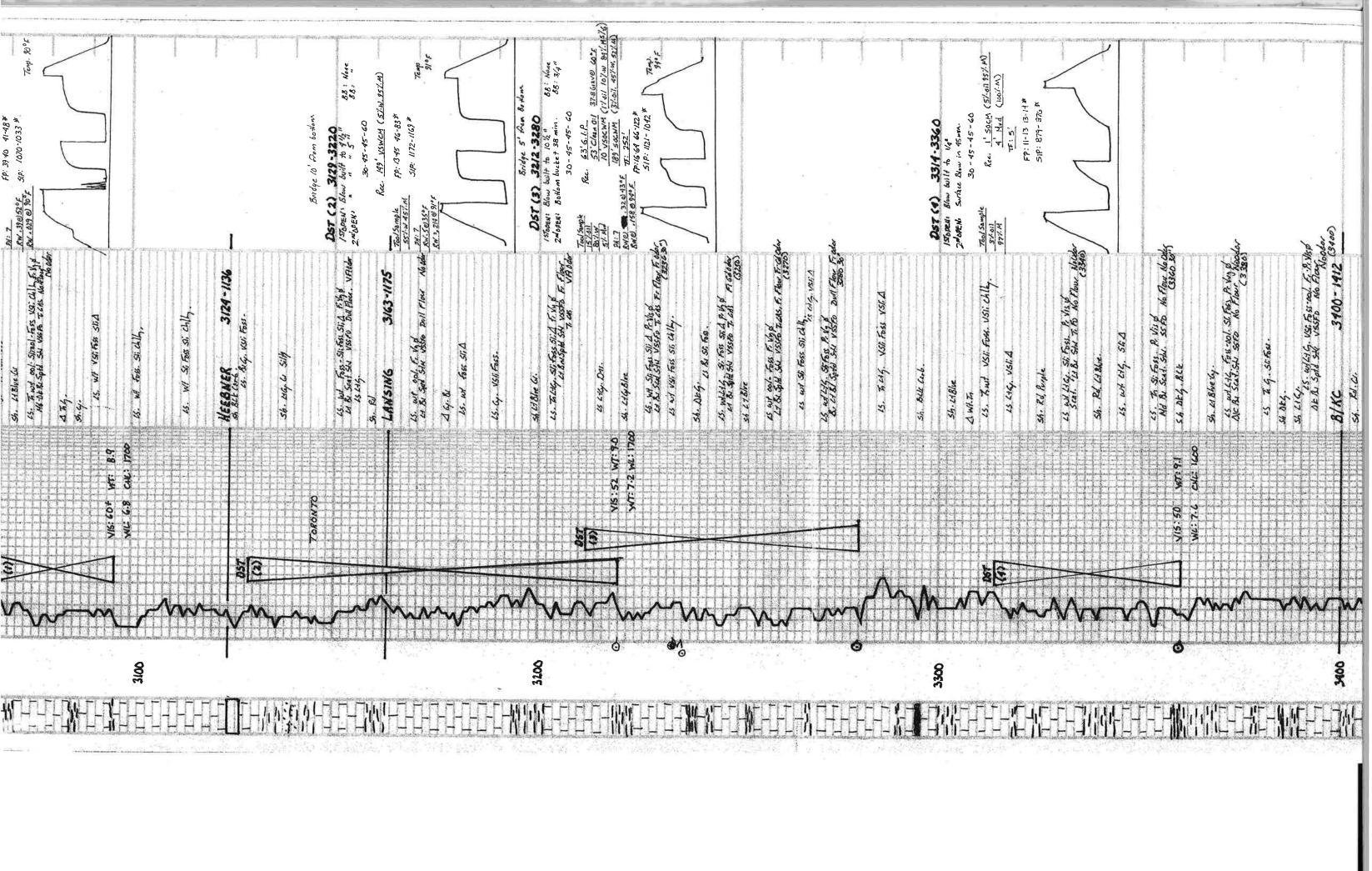
Time On Bottom: 10:54 04/03 Time Off Bottom: 13:54 04/03

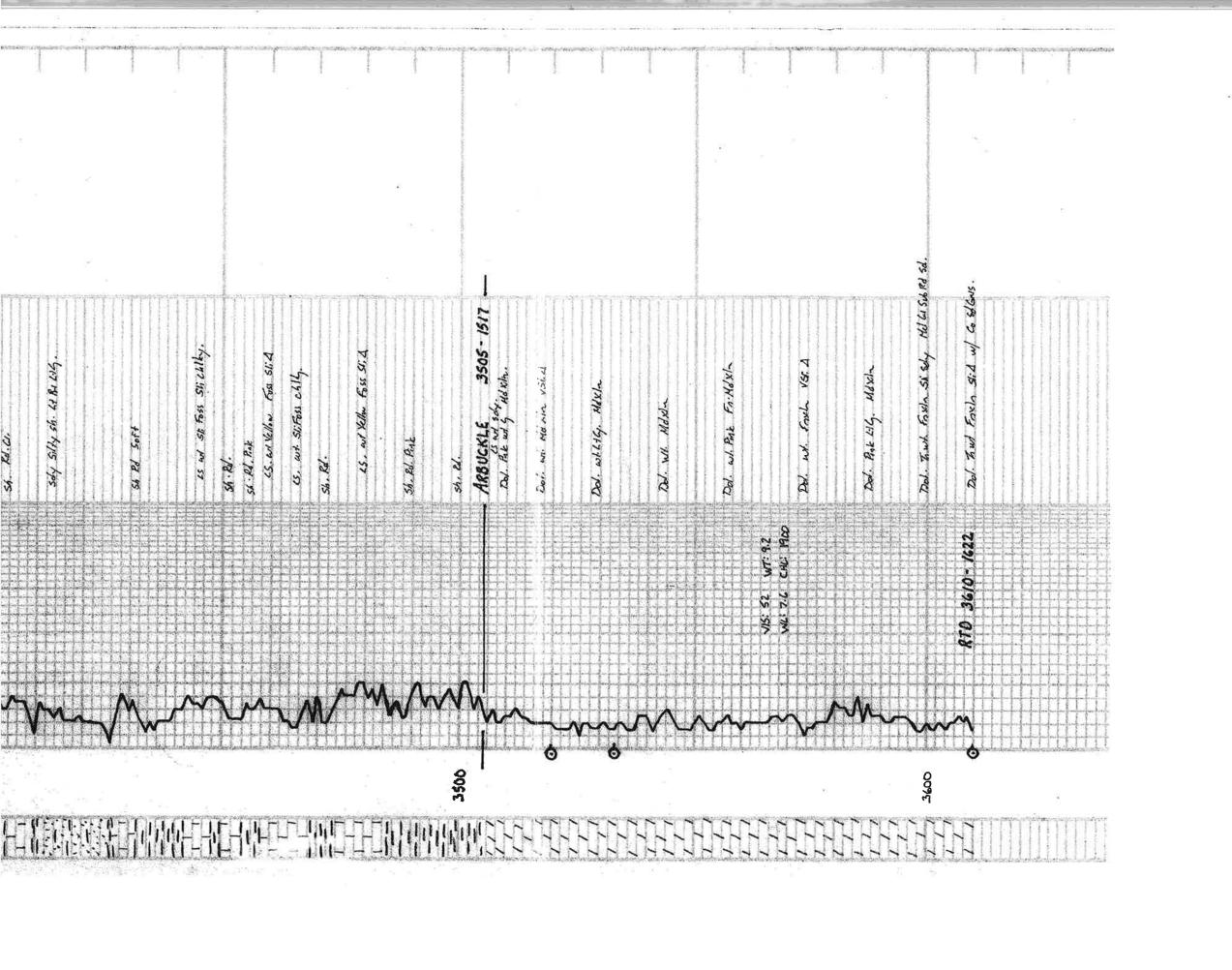
Gas Volume Report

1st Open 2nd Open

KIM B. SHOEMAKER CONSULTING GEOLOGIST 316-584-9709 * WICHITA,KS GEOLOGIST'S REPORT DRILLING TIME AND SAMPLE LOG L.D. DRILLING, INC. ELEVATIONS \$1-24 TERRY KS 1988 WILDEAT 2310' FNL \$ 360' FWL G 1983 50 24 65 18 W A the Street Coursell COURTY ROOKS SAF KANSAS 1988 KB 0ASING 8 =/8" © 257 ' CONTRACTOR L.D. DRILLING, INC. 51/2"0 SP(II) 3-28-19 COMP 4-5-19 DOAL THO, DENS-N, MICRO 3610 3608 MUD UP 2878 TYPE MUD CHEMICAL 2900 TO 3610 SAMPLES SAVED FROM DRILLING THE KEPT FROM 2800 TO 3610 2900 TO 3610 SAMPLES EXAMINED FROM GEOLOGIAL SUPERVISION FROM CONTRACTOR 3000 10 3610 GEOLOGIST ON WELL KIM B. SHOEMAKER A. SAMPLES FORMATION TOPS LOG 1435 + 553 1431+557 ANHYDRITE 1461 + 527 1460+ 528 B/ANH. 2921 - 933 2920 - 932 TOPEKA 3124 - 1136 3126- 1138 HEEBNER 3163 - 1175 LANSING 3164-1176 3400-1412 3400- 1412 B/KC 3505-1517 3508-1520 ARBUCKLE LITHOLOGY









10244 NE Hwy. 61 P.O. Box 8613 Phone 620-672-1201

FIELD SERVICE TICKET 1718 17866 A

Pratt, Kansas 67124

| | PRESSUR | E PUMF | PING & WIRELINE | 4-65 | -18 | SW DATE TICKET NO | | | | | | | | |
|--|--------------|-----------------------------------|--|---|---|---|-----------------------------|--|---------------------|-------|--------------------|----------|----------|--|
| DATE OF JOB | 1120 | 15 D | ISTRICT PISH | W.S. | | | WELL | PROD IN | J 🗆 WDW | □ 8 | USTOMER RDER NO | ٦).: | | |
| CUSTOMER | LD | DI | 11.00 | | | LEASE T | elly | | | | WELL | 10. | 2 | |
| ADDRESS | | | e for exemple, and | | | COUNTY | 2007 | | STATE | Ks | | 101 | 5% F. | |
| CITY | er yr er | | STATE | e erefall. | | SERVICE CF | REW D | Sra B | Brest. Tr | PU | 0.5 | | 100 | |
| AUTHORIZED E | BY | | | | Andrets Copy - 1878 | JOB TYPE: | 24. | 2/Port | Coller | | | 320 | | |
| EQUIPMENT | | HRS | EQUIPMENT# | HRS | EQU | IPMENT# | HRS | TRUCK CAL | | DAT | E AM | TIM | IE On | |
| 27463 | 2 | 21/24 | | 3 241 | <u> </u> | The state of | 100 | ARRIVED A | T JOB | 6/ | 6 AM | 41 | 20 | |
| 19918 | Design 1 | 1/2- | | | | | | START OPE | RATION | 6/ | AM PM | 81 |) | |
| | | | | | | Vertical est | | FINISH OPE | RATION | 4 | AM I | 13 | 6 | |
| | | 3-1 | | | | | | RELEASED | | 4 | L AM / | 1:4 | 15 | |
| The state of the s | 57 (48), | - | | | | | | MILES FROM | M STATION TO | WELL | | M | | |
| products, and/or su | pplies inclu | zed to e udes all d without | RACT CONDITIONS: (This xecute this contract as an ag of and only those terms and of the written consent of an off | gent of the cu conditions app icer of Basic t | istomer. As bearing on t Energy Ser | such, the unders the front and back vices LP. | signed agre c of this do | ees and acknow cument. No addi | ledges that this co | terms | and/or cond | itions | shall | |
| REF. NO. | 4 | M | ATERIAL, EQUIPMENT | AND SERVI | ICES USE | D | UNIT | QUANTITY | UNIT PRIC | E | \$ AMC | ראטכ | | |
| BC 118 | 00 | en s | Blend | | | | SK | 145 | | | | 44 | | |
| BC 100 | C/55 | 5 1 | Comeni | | | | SK | 0 | | 12. | 22,32 | | | |
| CC102 | Cell | off | re | | | | 10 | 44 | | 1 | | 16 | | |
| 6909 | CSIC | iven | Shler | | | | 46 | 773 | | | | | | |
| 00176 | 201 | PA | 601 | | | | 16 | 100 | | | | 195 | MIEST. | |
| MEIN! | 101 | 70 | 500 | 1 | | | m | 100 | | | | | 113,-0 | |
| m = 102 | Dec | | encie mineci | | | Day Salar | m | 200 | | | | | | |
| CC2 | Dea | ne | ness Low | 2,000 | ji | | 112 | 1 | | | 1 | 7 4.5 | Birt | |
| CF240 | Blen | | my Spiv | co Cho | ise | | 5K | 160 | | | | | | |
| BF143 | Seiv | Yp 5 | Suprivie, Ch | 0180 | | A The Later of | FS | 1 | | 1 | | i i | PT. | |
| BF144 | Drive | , 0 | nc/sr | | | | I.s | 1 | | | | | 2 2 2 | |
| | | Charles and Charles | | | | | | Service of the servic | | | | 18.70 | 1.1.5 | |
| | | | | | | | | | | | 1 | 2 | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | 100 | 1.70 | | |
| | | | | | | | | | | | | 4.0 | 433 | |
| | | | AT ROUGH ! | | | | | | | | | 1.00 | | |
| CHE | MICAL / A | CID DAT | A: | | | | | 2 | SUB TO | TAL | | | | |
| | | | | | SER | VICE & EQUIP | MENT | %TAX | K ON \$ | | | 1 524 | | |
| | | | | | | ERIALS | | %TAX | KON\$ | | | - 61 | 1 | |
| | | | | | | | | D. 5 | Course TO | TAL | 5,83. | 2 | 64 | |
| | | | | | | | | | | | | 174 | 1 | |

FIELD SERVICE ORDER NO.

REPRESENTATIVE /

THE ABOVE MATERIAL AND SERVICE
ORDERED BY CUSTOMER AND RECEIVED BY: WARREN TO BE A FORMAL TO THE ABOVE MATERIAL AND SERVICE (WELL OWNER OPERATOR CONTRACTOR OR AGENT)

SERVICE



TREATMENT REPORT

| Customer | \mathcal{D} | - | A 6 | | Lease No. | | | | | | | Date | | 1, | 1 _ | ping | |
|-----------------|---------------------|------|-----------------|-------|---------------|---------|-------------|---------------------------------|--------|------------------|-----------|-----------------|-------------------|-----------------|------------|--|----------------|
| Lease / | 7777 | | | | Wel | 1#/- | 21 | | | | | | 61 | 6/ | 120 | 17 | |
| Field Order # | Station | 1 | | | | | | Casing | | Depth | | County | 1 Rc | 70/s | | Sta | te K.S. |
| Type Job | | | | | | | | | For | mation | | | | Legal De | escription | 24- | 65-186 |
| PIPE | DATA | | PERF | ORAT | ING D | ATA | | FLUID (| JSED | | | - | ΓREA [°] | TMENT | RESUME | = | |
| Casing Size | Tubing Siz | ze | Shots/F | t | | | Acid | | | | | RATE | PRE | SS | | | |
| Depth | Depth / by | 42 | From | | То | | Pre F | Pad | | | Max | | | | 5 Min. | | |
| Volume | Volume ₅ | | From | | То | | Pad | | | | Min | | | | 10 Min. | | |
| Max Press | Max Pres | S | From | | То | ~ | Frac | | | | Avg | | | | 15 Min. | | |
| Well Connection | 1 2 2 2 | ol. | From | | То | | | | | | HHP Used | t | | | Annulus | Pressi | ıre |
| Plug Depth | Packer De | epth | From | | То | | Flush | 14191 | en per | | Gas Volur | ne | | | Total Loa | ıd | |
| Customer Rep | resentative |)Gv. | p Sco. | ن (| | Station | Mana | ger J _{US} | Fin | Wesi | Herms, | Trea | iter D | cria F | TENKI. | | |
| Service Units | 92511 | | 7463 | 1995 | 9 / | 9918 | , | | | | | | | | | | |
| Driver Names | Den | Bi | Ore | Tiev. | | 100% | 16 | | | | | | | | | | |
| Time | Casing Pressure | | ubing essure | Bbls. | Pumpe | ed | F | Rate | | | | | Servi | ce Log | | | |
| 7:400 | | | • | | | | | | On | 10 | 169/cm | <i>1</i> s | 5 Per | · pro | etine | | |
| | | | | 3 | | | | | 17 | <u>5 s,</u> | c A | Cor | B | lens | Con | 7/296 | 2 <u>n</u> |
| | | | | | | | | | 34 | 9 6 | Kium | C_k | olor | 120 | 1/4 H (| Ce1. | offere |
| | 8:04 <u>4</u> | | | | | | | | 11. 6 | bpp. | 9, 2, | 77 _\ | 10.1 | A, 16 | 1, 75 1 | <u>) </u> | <i>j. 0 p.</i> |
| | | | | | | | | | | | / | | | | | | |
| 8 13nm | | 5 | 00 | 4 | 58 | | L | 1 | 10 | 098 hole - 2600. | | | | | | | |
| | | 1,0 | 000_ | | 14 | | 1/4 | 1 | Tes | i + 1 | 0/09 | | | | | | |
| | | 3 | 00_ | . 5 | 3 | | 3 | | Spe | J > | 25K 59NZ | | | | | | |
| | | | | | | | | | Pun | 10 | bing U | PTO | 14 | 62 | | | |
| | | 3 | <u>~</u> | | 2 | | Mentalments | : | 10 | 5 % | hole | | | | | | |
| | | | ×. | | | | | | OP | 'n Ĵ | DO1 - 1 | CG// | S 1- | | | | |
| | | 50 | 20 | 30000 | 36 | | | 3 | CH | cols | in he | 10 4 | HEN | $p_{n,\lambda}$ | | · | |
| | | 5 | 00 | | 30 | | | 1/2 . | m | y / | 60510 | 19 | con | Blens | Comp | 16 n | |
| | | 5 | 00 | £, |) | | 41 | 1/2 | D | <u>5 p/c</u> | 10 WS. | 10. | | | | | |
| | | | | | | | | | Sh | U } | 4001 | | | | | | |
| | | | | | | | i. | | Cle | 25e | Pois | COL | 1sr | | | | |
| | | 1,0 | 000 | | 1/4 | | , | 14 | 10 | 5 / | to 1,0 | KK ps | | | | | |
| | | | | | erin. | | | | | | hser- | | | | | | |
| | 500 | | | *** | 20 | | | 3 | | | , OU+ | | | | | | |
| | | | | | | | | Accessory. | Ru | n Ju | Jbins | 10 | 260 | 0 | 1 - | | |
| | 500 | | | 3 | 0 | | | 3 | Ka | | | | | | | | ement |
| | | | | | - Na-sangaran | | | - 1 - 3 y lagress of the second | | ar esse assess | Job | Co | mpl | ove f | Dein | A C | 100 |



10244 NE Hwy. 61 P.O. Box 8613 Pratt, Kansas 67124 Phone 620-672-1201

FIELD SERVICE TICKET 1718 **17793** A

| PRESS | URE PUMPI | NG & WIRELINE | c mH | -52 | 2 | | DATE TICKET NO |
|--------------------|----------------------|--|----------------------------|-----------------------|----------------------------------|------------|--|
| DATE OF 4-5-20 | 19 DI | STRICT Pratt, | Ks. #1 | 718 | NEW NEW | WELL□ | PROD ☐ INJ ☐ WDW ☐ CUSTOMER ORDER NO.: |
| CUSTOMER (1) | Drill | ing INC | | - P. m. | LEASE 7 | enny | WELL NO. |
| ADDRESS | | the second of the | | r fryslad Su tok | COUNTY | Rook | S STATE Kansas |
| CITY | 100 | STATE | | | SERVICE C | REW A | 21 B. Eddie M. Ron G. |
| AUTHORIZED BY | Di Berranda Palan | en i morrimon april La accompligación de la | See Superior | n Year 6 est 757el | JOB TYPE: | 5% F | Roduction Casing 2-42 |
| EQUIPMENT# | HRS | EQUIPMENT# | HRS | EQI | JIPMENT# | HRS | TRUCK CALLED 4 4 - PATE AM 8 TIME |
| 84980-20920 | .75 | chej affighere gibt i liga e a Cena | 1 nns no n | | Afton spirithmen sitetus kuns | | ARRIVED AT JOB |
| 19959-19918 | .25 | | | - | | | START OPERATION AM SOS |
| a management and a | | F 1 962 C261 41C | : 13V/17 3 | Y | TO SAN THE RES | 5 10 10/57 | FINISH OPERATION |
| | | | 30 - Y/195 | OLI BHT | MODEL SHE | 130W-3 | RELEASED AM 4:30 |
| | | | 3-13-13-14 S 23-14-15-2 | | - 12611 32 13 | THARA | MILES FROM STATION TO WELL |
| | | | | | | | |

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered). The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: MARK WOULS BY DLScott (WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO. MATERIAL, EQUIPMENT AND SERVICES USED UNIT QUANTITY **UNIT PRICE** \$ AMOUNT 2550 CP 105 SK 30 P 103 60 38 105 1840 ill Float shoe 870 Sa CF 1651 Turbolizers 1100 Port collar 481 3500 ea mud Flush cc 151 1900 joo 1500 Gal light vehicle mileage 5 100 450 mi 8101 Harry petricle mileage 1500 200 Bulk delivery Charges per for mile 2087 8113 8.4 50 Tu Depth Charge 3001-4000 CE 204 Ho 2160 Blending + Mixing Charge CE 240 180 SX CE 504 Plug container utilization change Job service squervisor Charge 5003 SUB TOTAL CHEMICAL / ACID DATA: SERVICE & EQUIPMENT %TAX ON \$ **MATERIALS** %TAX ON \$

| SERVICE REPRESENTATIVE (all | Balden |
|--------------------------------|--------|
| FIELD SERVICE ORDER NO. | y |

THE ABOVE MATERIAL AND SERVICE

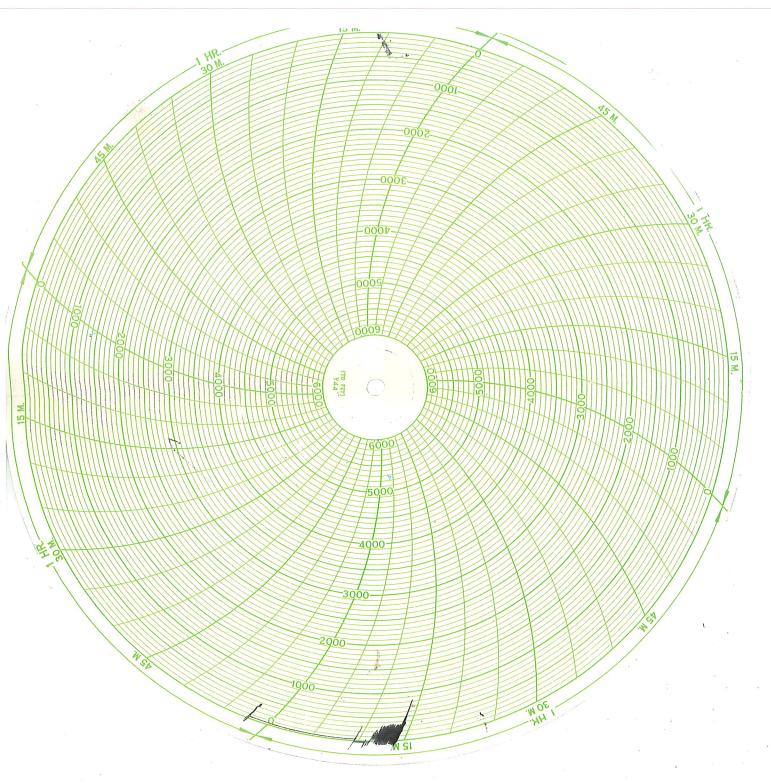
ORDERED BY CUSTOMER AND RECEIVED BY:

TOTAL



TREATMENT REPORT

| Customer | D Drill | ling Ge |) | Lease No. | | | | | Date / | ′ _ | - 04 | 19 | |
|-----------------|--|--------------------|---------|--------------|---|-----------------------------|--------------------|------------------|----------------|-------------|-------------------|------------------|----------------------|
| Lease Ter | | J | | Well # | 1-2 | 24 | | | 4 | | 5-2C | 01 / | |
| Field Order # | Station | Prata | LK | S- | *************************************** | Casing / | Depth | 1 | County | Re | oks | | State KS. |
| Type Job | Producti | on Co | esina | | | | Formation | | | | Legal De | scription 24 | State KS. -65-18W |
| PIPE | DATA | PER | FORATI |) NG DATA | | FLUID U | SED | | TF | REAT | | RESUME | |
| Casing Size | Tubing Size | e Shots/ | Ft | | Acid | | | | RATE | PRES | ss | ISIP | |
| Depth 3564 | Depth | From | Т | | Pre | Pad | | Max | | | | 5 Min. | |
| Volume 84,5 | Volume | From | Т | ō | Pad | | WWW. | Min | | | | 10 Min. | |
| Max Press | Max Press | From | Т | ō | Frac | : | | Avg | | | | 15 Min. | |
| Well Connection | | ol. From | Т | - o | | | | HHP Used | d | | | Annulus Pre | essure |
| Plug Depth | Packer De | pth From | Т | ō | Flus | | | Gas Volur | | | | Total Load | |
| Customer Repr | esentati v e <i>Da</i> t | VE 566 | eff | Station | n Mana | ger | i West | erwan | Treate | AL | U.PA | DiNO | |
| Service Units | 84980 | 20920 | 1995 | 9 1991 | 18 | | | | | | | J | |
| | Eddie | m | Ron | 16 | | : | name | | | | | | |
| Time | Casing Pressure | Tubing Pressure | Bbls. F | umped | | Rate | | | | | ce Log | | |
| | | | | | | | on h | <u>sca Lie</u> | on t | R | 19 Up | 1 | |
| | | | | | | | | 2.17 | 1 -0 51 | , | F | | |
| | | | | | | | Kin, | <u> 3564</u> | | x C | ASin | 9 + 100 | t egypunt |
| 4 0.40 | | | | | | | Port | Collai | | | 462.5 | | / |
| 200 An | • | | | | | | Drop | Dáll | <i></i> | | 2 + 61 | irçulat | <u>e</u> |
| | | | | | | | 12016 | i Kig | . to | | -l _j - | hour | |
| AL | , | | | | | ./ | Kig, i | A to | <u>CO</u> U | ue vi | / | | |
| 3:05] | 200 | | | 5 | | 4 | Star | 15 | BUS | <u>+</u> | resh | /_ / | |
| | 200 | | 12 | 4 | | - 9 - | | 24 | DUIS, Tuach | M | WHI | 15 h | |
| 44.1772 | 200 | | 1 | 7/ | | , '' | ns(1) | | HEST | 57 | 11 | 9 0 | 1 |
| 70 "2" | 250 | | 4 | '/ | |) 仏. | MY + | gyvyr. | 100 | | HHO | 2 (Oller | <u> </u> |
| | - | | | | | | <u> LEXHEIR</u> | + 14 | was | n | -1: V | e + hi | hes Locust |
| | 300 | | + | 8 | | - 4. | <u>Ke1ea</u> 12 | DI 16 | 09 4 | ./ | STUP T | 141 | Machier t |
| | 700 | | 1 0 | 7/2 | | 2/2 | 74 1/2 | DOL Bldc | 5 00 | 7 | <u>500</u> | Drila | Pressure |
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| 240 | 1100 | | 1 0 1 | | | \propto | Dolor | <u> 10015</u> | <u>004</u> | | KANU | 1109 | alel |
| | | | + - | 24 | | 3 | Kelec | se p | WESSU . 11 | | SX (| 10at 11 | : Po > |
| | | | | | | | Tive | 147 | W/ a | <u> </u> | > ^ (| C/C-70 | <u> </u> |
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| | | | | | | | | | | | | | |
| 10244 | NE Hiw | av 61 • | P.O. Bo | ox 8613 | • Pra | att, KS 6 | 7124-86 | 13 • (<u>62</u> | 0) 672- | -120 |)1 • Fax | (620) 6 | 72-5383 |



04-05-19 L.D. Drilling Terry 1-24 Rooks, KS Cement Producting Casing



10244 NE Hwy. 61 P.O. Box 8613 Pratt, Kansas 67124

FIELD SERVICE TICKET 1718 **17928** A

Phone 620-672-1201

| | | | | | | | | DATE | HCKE | I NO | | | _ | |
|---|--|------------------|---|-------------------|---------|---|--------------|---|---|---------------|--------|-----------|-------------|-----|
| DATE OF 4 | -23 | -19 | DISTRICT P/att | | | NEW Ø OLD PROD □INJ □ WDW □ CUSTOMER ORDER NO.; | | | | | | | | |
| CUSTOMER | LD | P | rilling | | | LEASE T | -11 | Ύ | | | ٧ | VELL N | 10.1- 3 | , |
| ADDRESS | | | | | | COUNTY ℓ | UUU | | S | TATE U | '5 | | **** | |
| CITY | | | STATE | | | SERVICE CF | REW /4 | ATTAI PU | cgrA | n M1 | 194 | , e Z | Scuj | 7 |
| AUTHORIZED B | Υ | | | | | JOB TYPE: | 2-4 | 12 Squ | جوحرو | Pelk | \$ | | | |
| EQUIPMENT | | HRS | EQUIPMENT# | HRS | EQL | JIPMENT# | HRS | TRUCK CAL | LED | 4-29 | AT/5 | PM (| otine . | |
| 8677 | <u>ዓ አ</u> ጽ | 4 | | | | | | ARRIVED AT | JOB | | | ê₩b / | 12:4 | , |
| 1991 | 7 | ,6 | | | | | | START OPE | RATION | | | AM PM | (S:2) | 8 |
| 1 6 10 | - | 1 40 | | | | | | FINISH OPE | RATION | | | AM (| 4; 4¢ | - |
| | | | | | | - | | RELEASED | | | | AM PM | 5:10 | - |
| | | | | | | | | MILES FROM | M STATI | ON TO W | ELL | 10 | <u>D</u> | |
| products, and/or sug become a part of th | pplies in | cludes a | execute this contract as an a Il of and only those terms and ut the written consent of an o | conditions appear | ring on | the front and bac | k of this do | ees and acknowl cument. No addii SIGNED: X / Lo (WELL OWN) | tional or s | ubstitute ter | ms and | l/or cond | iitions sha | all |
| ITEM/PRICE REF. NO. | | | MATERIAL, EQUIPMENT | AND SERVICE | S US | ED | UNIT | QUANTITY | UNI | IT PRICE | | \$ AMO | TNUC | |
| BC 100 | | 40,0 | | is A cm | ^ F | , | 54 | 150 | | | | | 50 0 | |
| CC 179 | 2 | <u>0/4 c</u> | SANY | | | | cwi | | *************************************** | | | | 3 (U | J |
| Me 10) | , | <i></i> | المال المالية | | | | 4.1 | 443.3 | | | | 50 | ט כונ | 1 |
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| 13-c 143 | Sul | 1V=C | , 30v | | | | -e A | | | | | | 5 00 | — |
| Belyv | Ωı |) V .0 / | | | | | e4 | 7 | | | | 70 | 9 0 | _ |
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| CHE | EMICAL | ACIDE | MIA. | | SE | RVICE & EQUII | PMENT | %ТА` | X ON \$ | | - | | | _ |
| | | | | | TERIALS | | | X ON \$ | | - | | | - | |
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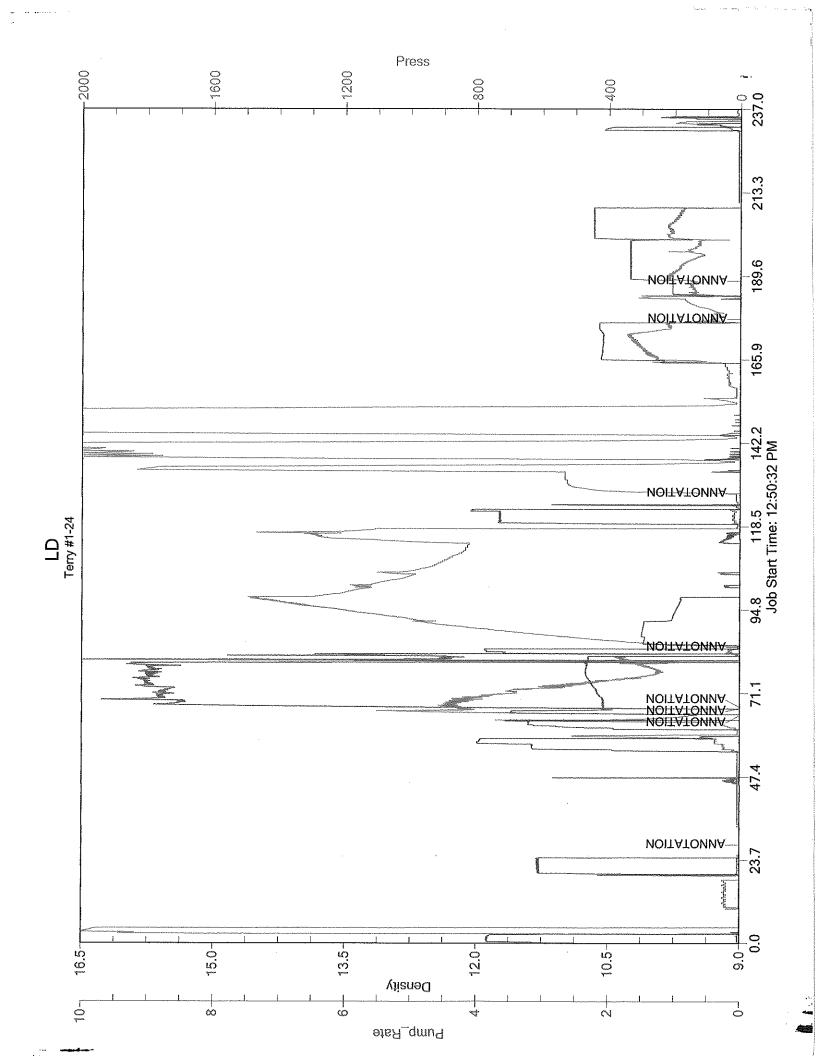
REPRESENTATIVE Mille Matral

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY:

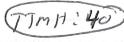


TREATMENT REPORT

| Customer [| PO | villing | <u>; </u> | ease No. | | | | | Date | 11 | -23 | 19 | |
|----------------------|---|--------------------|--------------|----------------|----------|---|---------------|-----------------|--|-------------|-----------------|--|-------------------|
| | erry | | | Vell # | 1 | -24 | | | | 7 | ~ C) | <u> </u> | |
| ield Order | Station | Prati | | | | Casing (| Depth Depth | | County | R | UUKS | | State 1/5 |
| | 2-42 | Saue | eza 1 | WF5 | | * | Formation KA/ | ism citb | F | | Legal De | scription | |
| | E DATA | PERF | ORATING | DATA | | FLUID | | | | REA | TMENT | RESUME | |
| asing Size | Tubing Si | ze Shots/F | t | • | Acid | 150 | 5×5 60 | moro | RATE | PRE | SS | ISIP | |
| epth | Depth 319 | 7 From | То | | Pre | Pad | | Max | | | | 5 Min. | |
| olume | Volume 8 | From | То | | Pad | | | Min | | | | 10 Min. | |
| lax Press | Max Pres | | То | | Frac |) | | Avg | | | | 15 Min. | |
| | on Annulus \ | | То | | | | | HHP Used | | | | Annulus I | |
| lug Depth | Packer D | epth From | То | | Flus | | | Gas Volum | ــــــــــــــــــــــــــــــــــــــ | | | Total Loa | d |
| ustomer Re | presentative | | 77686 | | | iger We | Sterman | | Treate | er | M. ATTA | 4 | |
| ervice Units | 83353 | | 3H944 | 8677 | 79 | | 19959 | | | | | | |
| river ames | MATTA | <u> </u> | neg/ | au | | | MAI | au-7 | | | | | |
| Time | Casing Pressure | Tubing Pressure | Bbls. Pun | nped | | Rate | | | | | ice Log | | |
| 12'.00 | <u> </u> | | | | | | | LUCATI | | | | | ш |
| 2:50 | | 1980 | 11 | | | | LUAD | 749Uny SIANI | W | <u>د کر</u> | nur 1 | 1 | |
| 1'.00 | | | 16 | | | | | | | | 216 | | |
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| 1,22 | /- | | 37 | <u>′</u> | 1 / | | | 150 Si | | | | | |
| 2/11 | | 250 | 4 | | 4 | 5 | | 4 Pum | | | | | |
| 2:113 | | 990 | 10 | | <u> </u> | <u>, , , , , , , , , , , , , , , , , , , </u> | Slow | | | | <u>\</u> | | |
| 2:24 | \ | 1300 | 10 | | | ţ | 360 | ט־ן | 1 ! | 91 r | l | | |
| U. UY | | 2000 | | | | | Sauce | 200 TO | 20 | ا در | PST | | |
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| | J | | | | | | | Sco | 77 | (| m ike | El |) Munny |
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10244 NE Hwy. 61 P.O. Box 8613 Pratt, Kansas 67124

FIELD SERVICE TICKET 1718 **17728** A

Phone 620-672-1201

| DATE OF 2 / | 28/2015 D | ISTRICT Deal | 10.0 | NEW WELL | NEW WELL PROD □INJ □ WDW □ CUSTOMER ORDER NO.: | | | | | | | | |
|----------------------|------------------|--|---|---|--|--|--|--|--|--|--|--|--|
| CUSTOMER | 1000 | |) KS | | LEASE Terry WELL NO.1-2 | | | | | | | | |
| | LPPI | illing com | PERY | | | | | | | | | | |
| ADDRESS | days o | | | 4 1 1 1 | 70075 | | | | | | | | |
| CITY | 103 | STATE | | SERVIC | SERVICE CREW DGrin, Bretz, Pigz | | | | | | | | |
| AUTHORIZED E | BY | | family 107 Ltd | JOB TYP | PE: 24. | 2/85/8 | Surface | V man WE | 1 | | | | |
| EQUIPMENT | | EQUIPMENT# | HRS | EQUIPMENT# | HRS | TRUCK CALLED PATE AM TIM | | | | | | | |
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| 21010 | 1/4 | | | Antonio I anima | | START OPE | RATION 3/3 | 8 AM 7! | 15 | | | | |
| | . Ya. 100 9E | | | A STATE OF THE STATE OF | 11/40/ 24-70-71 | FINISH OPE | RATION $3/2$ | 8 AM 7 | 14 | | | | |
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| EM/PRICE REF. NO. | М | ATERIAL, EQUIPMENT | AND SERVICE | S USED | UNIT | (WELL OWNE | ER, OPERATOR, CON UNIT PRICE | \$ AMOUN | 1 511 | | | | |
| REF. NO. | 1 1 | 002 | 7110 OLITATOL | - COLD | Sic | 250 | ON THISE | 3,000 | Q | | | | |
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| E240 | Blendins | & mining Ser | vice Char | se | SIC | 250 | 100000000000000000000000000000000000000 | 350 | 00 | | | | |
| | 10/16/14 0 20 | Supervisor, Firs | FB NVS | <i>24 20-</i> , | | | Ste Rights of Steel Stee | | TERMINATION OF THE PROPERTY OF | | | | |
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| CH | EMICAL / ACID DA | TA: | | SERVICE & E MATERIALS | QUIPMENT | %TAX | X ON \$ X ON \$ | 6,043 | | | | | |

THE ABOVE MATERIAL AND SERVICE

FIELD SERVICE ORDER NO.

SERVICE
REPRESENTATIVE Jan Lan

WICE
RECEIVED BY: War Marketon OR AGENT) ORDERED BY CUSTOMER AND RECEIVED BY:

SERVICE



TREATMENT REPORT

| Customer Dr. 11, 25 Compeny | | | | | | Lease No. | | | | | | Date | | | | | |
|---------------------------------|--------------------|--|-----------------|--------|----------|------------------|---------|---|--|--|------------------|--|-----------------|---|---------|--|--|
| Terry | | | | | | Well # 1-24 | | | | | | 3/28/2019 | | | | | |
| Field Order # Station Press, KS | | | | | • | Casing 837 Depth | | | | | County | POOR | | State | | | |
| Type Job | 2421 | 803 | 18 8 | urf | cie | | | | Formati | on TD- | 260 | Leg | gal Des | scription 24 | -65-18N | | |
| PIPE DATA PERFORATIN | | | | | | | | | | | TREATMENT RESUME | | | | | | |
| Casing Size | | | | | | | Acid | Acid | | | RATE PRESS | | | ISIP | | | |
| Depth 260 | Depth | | From | | То | | Pre | Pad | | Max | | | | 5 Min. | | | |
| Volume // . | Volume | | From | | То | | Pac | 1 | | Min | | | | 10 Min. | | | |
| Max Press | Max Pres | ss | From | | То | . y udan | Fra | С | | Avg | | : | | 15 Min. | | | |
| Well Connect | ion Annulus | Vol. | From | | То | | | | | HHP Use | ed | | Annulus Pressur | | ssure | | |
| Plug Depth | Packer D | • | From | | То | - Total and | Flus | sh WSI | er | Gas Volu | | | Total Load | | | | |
| Customer Re | presentative | P. C | ic W | , Ison | 1 | Statio | n Man | ager Jus | itin he | sprnsn | Trea | $^{ m ater}\mathcal{D}arphi_{m{\prime}}$ | 0 | Franki | | | |
| Service Units | 92911 | 78 | 1982 | 198 | 43 | 7083 | -9 | 21010 | | | | | | | | | |
| Driver Names | Denn | | en_ | Bier | <i>-</i> | D152 | | D152 | | | | | | | | | |
| Time | Casing Pressure | | ubing essure | | s. Pun | nped | | Rate | | | | Service Lo | .og | | | | |
| 413cpm | | | | | | | | | on bossion / Sslen meetins | | | | | | | | |
| | | | | | | | | 250 | | SIC 60/40 POZ, 3% CSICIUM Chlevi | | | | | | | |
| | | | | | | | | | 0.25 pps Celle /18/ce - 14.8pps, 1,21 40112, 518 | | | | | | | | |
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| 7:15pm | 20 | | | 3 | | | 5 | Pump 3 bhis water | | | | | | | | | |
| | 200 | | | 54 | | 1 | | 5 | mix 250 Sic Cement | | | | | | | | |
| | 200 | 200 | | 15 | | | 3- | Dispise 15 bass wrier | | | | | | | | | |
| 7:45pm | | <u> </u> | | | | | | | Shur | 10 | | | | | | | |
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