

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 # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

New Well Re-Entry Workover

Oil WSW SWD

Gas DH EOR

OG GSW

CM (Coal Bed Methane)

Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

Deepening Re-perf. Conv. to EOR Conv. to SWD

Plug Back Liner Conv. to GSW Conv. to Producer

Commingled Permit #: _____

Dual Completion Permit #: _____

SWD Permit #: _____

EOR Permit #: _____

GSW Permit #: _____

Spud Date or Recompletion Date _____ Date Reached TD _____ Completion Date or Recompletion Date _____

API No.: _____

Spot Description: _____

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

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _____ License #: _____

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

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 III Approved by: _____ Date: _____

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Geologist Report / Mud Logs <input type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

1. Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*
3. Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

Date of first Production/Injection or Resumed Production/Injection:	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom
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Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:	
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KIM B. SHOEMAKER

CONSULTING GEOLOGIST

316-684-9709 * WICHTAKS

GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

COMPANY RAYMOND OIL COMPANY, INC.

LEASE # 1 KRUSHER FARMS

FIELD WILDECAT

LOCATION 1729' ENL # 1236' FWL

SEC 10 TWP 21S RGE 23W

COUNTY HODGEMAN STATE KANSAS

CONTRACTOR L.D. DRILLING, INC.

SPUD 5-10-22 COVD 5-20-22

RTD 4620 (4670) LTD 4620

MUD U/E 3591 TYPE MUD CHEMICAL

SAMPLES SWED FROM _____ TO 3700 TO 4620

DRILLING TIME KEPT FROM _____ TO 3500 TO 4620 (4670)

SAMPLES EXAMINED FROM _____ TO 3700 TO 4620

GEOLOGICAL SUPERVISION FROM _____ TO 3900 TO 4620

GEOLOGIST ON WELL KIM B. SHOEMAKER

ELEVATIONS

KS 2317

DT _____

GL 2312

Measurements Are All From 2317 KB

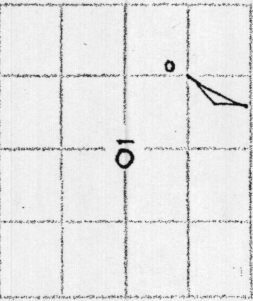
TESTING
SURFACE 8 5/8" @ 261'
RESISTIVITY 514" @
ELECTRICAL SURVEYS
Dual IND, DENIS - N. MICRO

FORMATION TOPS

LOG

SAMPLES

ANHYDRITE	1516 + 801	1516 + 801
HEBNER	3828-1511	3827 - 1510
LANSING	3880-1563	3880 - 1563
B/KC	4218-1961	4219 - 1962
DAWNEE	4343-2026	4338 - 2021
FORT SCOTT	4410 - 2093	4410 - 2093
CHEROKEE	4436 - 2119	4434 - 2117
MISSISSIPPI	4511 - 2194	4510 - 2193



REMARKS

5-10-22 SPUD
5-11 @ 264'
5-12 @ 1260'
5-13 @ 2145'
5-14 @ 2735'
5-15 @ 3230'
5-16 @ 3690'
5-17 @ 4200'
5-18 @ 4454'
5-19 @ 4525'
5-20 @ 4620'

API: 15-083-22004

*: After Log, Drilled 50'

LEGEND



Anhydrite Salt Sandstone Chert Carb sh Limestone Oil Lime Chert Dolomite

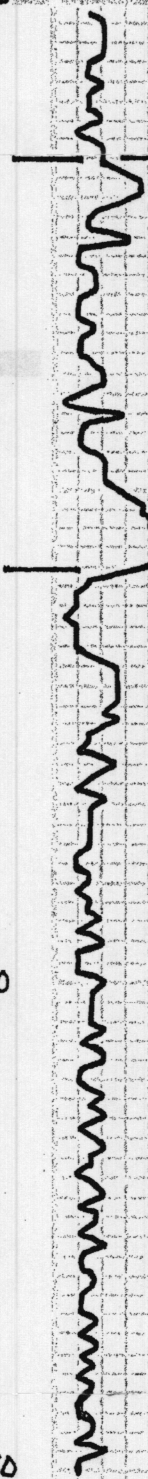
DRILLING TIME IN MINUTES
PER FOOT

DEPTH
1500

5" 10" 15" 30" 25"

SAMPLE DESCRIPTIONS

REMARKS



ANHYDRITE 1516+801

B/ANH. 1558+759

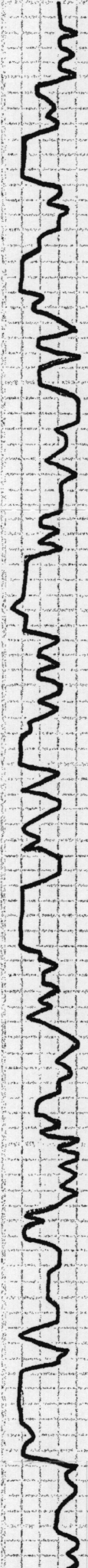
1600

1650

3500

3600

3700

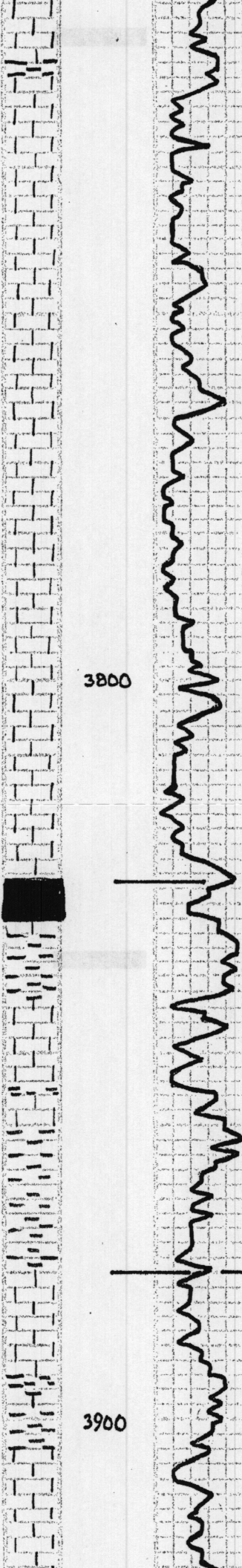


Samples are Lagged
Sh. LIG

LS. To. 1551. Foss.

VL: 61 WT: 8.8

WL: 6.8 CWL: 39m



3800

L6. To wt Foss. Shi Foss.

A G

L5. wt To Foss Calastic

L5. To wt Foss vsli chly,

A L G

L5. To wt Foss.

A L G

L5. To L G vsli Foss vsli chly,

L5. To wt Foss Shi chly,

HEEBNER 3827-1510
Sh. Blk Carb.

Sh. Blue-Li

L5. wt Shi Foss Shi A

A wt

Sh. L Blue-Li

Sh. L Li. Rd

LANSING 3880-1563

A wt

L5. To vsli Foss.

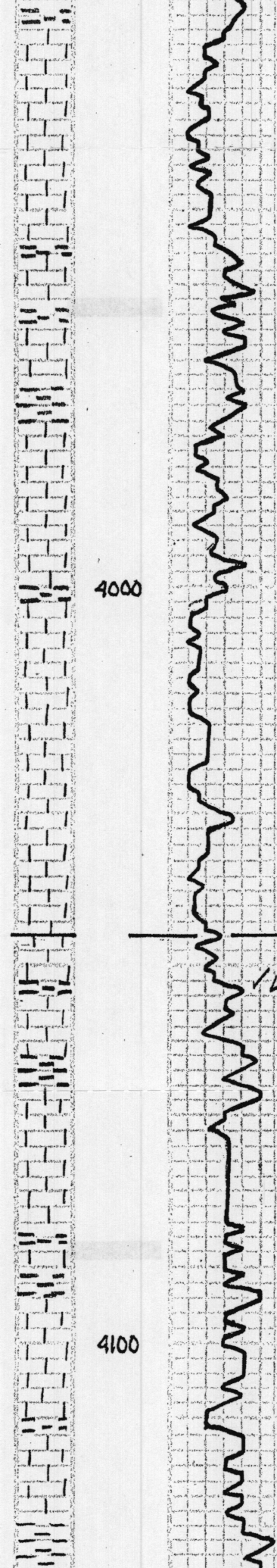
Sh. D G

Sh. L Li G. Silly

L5 wt ool. Shi chly,

L5. To wt Shi Foss Shi Calastic

3900



LS. wt. Sil. Foss.ool. Sil. Ch. lly.

LS. wt. Sil. Foss. ch lly.

Sh. lly.

LS. Lt. Br. lly. VSl. Foss.

Sh. DCh. lly.

LS. Tr. wt. Sil. Foss. Sil. A

Sh. lly.

LS. wt. Sh. Foss. Foss.

LS. Tr. wt. Sil. Foss. Sil. A

Sh. lly.

LS. wt. Foss.ool. ch lly.

LS. wt. VSl. Foss. Ch. lly.

LS. Lt. lly. VSl. Foss. Sh. Ch. lly.

MUNCIE CREEK 4056-1739

Sh. Blk. lrb.

LS. Lt. Br. VSl. Foss. Sil. Calcitic

Sh. Lt. Bl. lly.

LS. wt. Lt. lly.

LS. Lt. lly. VSl. Foss.

Sh. DCh. lly.

LS. Br. lly. VSl. Foss.

Sh. Lt. lly.

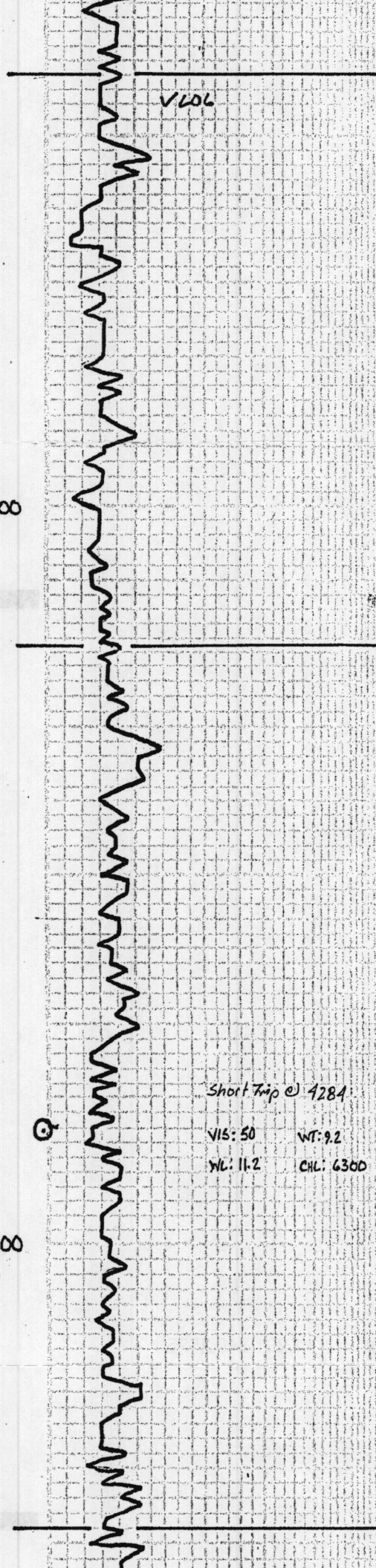
LS. Br. Sil. A

LS. wt. Lt. lly.

LS. Tr. lly.

LS. wt. Tr. Sil. Foss. Sil. A

Sh. Lt. lly.



LS. Ltg. Silty. Silty. chly
 Δ Si.
STARK 4192-1825

Sh. Dkly.
 LS. Br. G. Silty
 Δ wt Ltg.
 LS. wt Ltg. Foss.ool. Sh. Chly

LS. To Br. Silty

Sh. Dkly. Blk

LS. wt. VSI. Foss. Sh. Chly

LS. Ltg. VSI. Foss.

LS. Ltg. VSh Chly

BIKE 4219-1902

LS. Br. Silty

Sh. G. G. Silty

LS. To wt. VSI. Foss. Sh. Chly

Sh. G. Ltg. Rd

LS. Ltg. VSI. Foss. SR. Calertu

Sh. Lt. Blue

LS. wt. Silty. Foss. Sh. Chly

Short Trip @ 4284

VIS: 50 WT: 9.2
 Wt: 11.2 CHL: 6300

Sh. Ltg. G. Rd

LS. To VSh Foss Sh. Silty. Calertu

LS. Ltg. Silty. VSI. Calertu

Sh. Rd. G. G.

LS. To wt. Silty. Foss. Silty

P A W N E E 4338-2021

Sh. Dkly.

A. B.
LS. wt. VSi. Foss. VSi. Chll.

LS. Ltg. Si. A.

LS. Ltg. VSi. Silty

LS. Gy. Ltg. Dtl.

Sh. Blk. Carb.
FORT SCOTT 4410-2093

LS. wt. VSi. Foss. Si. Chll.

LS. Thwt. Si. Foss. dol. Si. A. Si. Chll.

CHEROKEE 4434-2117

Sh. Blk. Carb.

LS. Bl. Sl. dol. Si. Calcitic

LS. Ltg. Sh. A.

Sh. Ltg. Dtl.

LS. Bl. VSi. Foss. Sh. A. Δ B.

Sh. Tng. Rd.

LS. wt. Si. Foss. Si. A.

Sh. Ltg. Blk.

Sd. i. Sdy. Sh. Lt. Blk. Md. G. Sub. Rd.

Sh. Tng. Rd. Yellow. L. Purple

Sdy. Lt. Blk. Purple. Md. G. Sub. Rd.

MISSISSIPPI 4510-2193

Dol. Lt. G. Si. Foss. V. Fox. In. Svc. Fr. P. Vuy. q. Bu. Sp. tel. SH. SSFO. Fr. Flow. No odor.
Dol. Th. wt. Foss. V. Fox. In. Svc. Fr. Vuy. q. Bu. Sat. SH. FSPD. Gel. Flow. No odor.

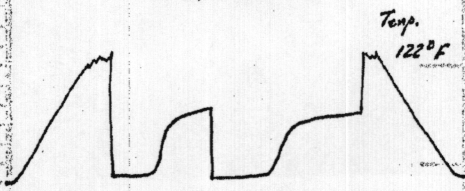
LS. Ltg. Sh. Foss. Si. A. Calcitic

Dol. wt. Ltg. V. Fox. In. Svc. Fr. P. Vuy. q. Bu. Sat. SH. VSSFO. Dol. Flow. No odor.

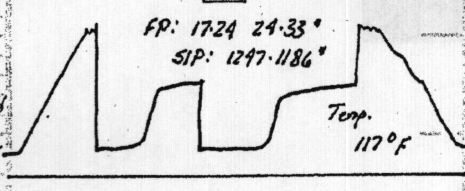
LS. Bl. VSi. Foss. Si. A.

LS. Ltg. Sh. Foss. Si. A. Calcitic

DST (1) 4454-4517
1st OPEN: Blow built to 1"
2nd OPEN: " " " 6 3/4"
30' 60' 45' 90'
Tool Sample
37% oil
63% M
Rec. 75' 50CM (6% oil)
FP: 13-27 28-44"
SIP: 1266-1148"



DST (2) 4515-4525
1st OPEN: Blow built to 2 1/2" slid 45'
2nd OPEN: " " " 7 1/4"
30' 60' 45' 90'
Tool Sample
22% Gas
55% oil
23% Mud
Rec. 80' 6.1.P.
1' Clean Oil
45' GCMO
TF 46' (20% G. 55% oil 25% M)



4400

4500

DST (1)

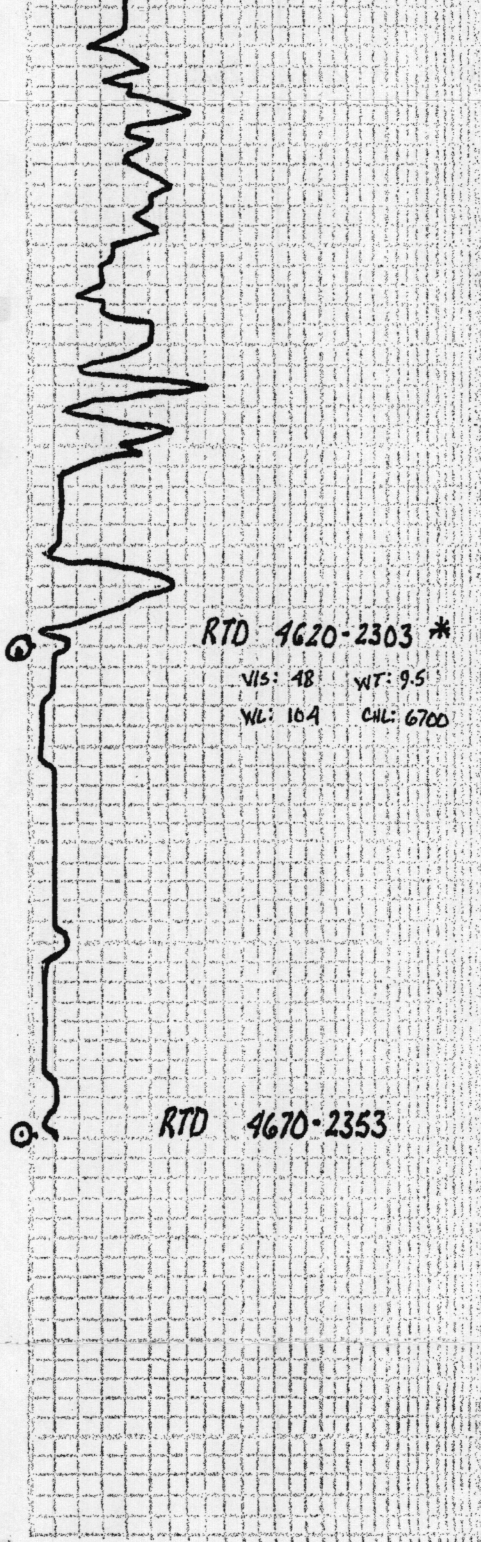
DST 2

VIS: 45 WT: 94
WL: 13-2 CGL: 5700
VIS: 44 WT: 96
WL: 13-2 CGL: 8300



4600

4700

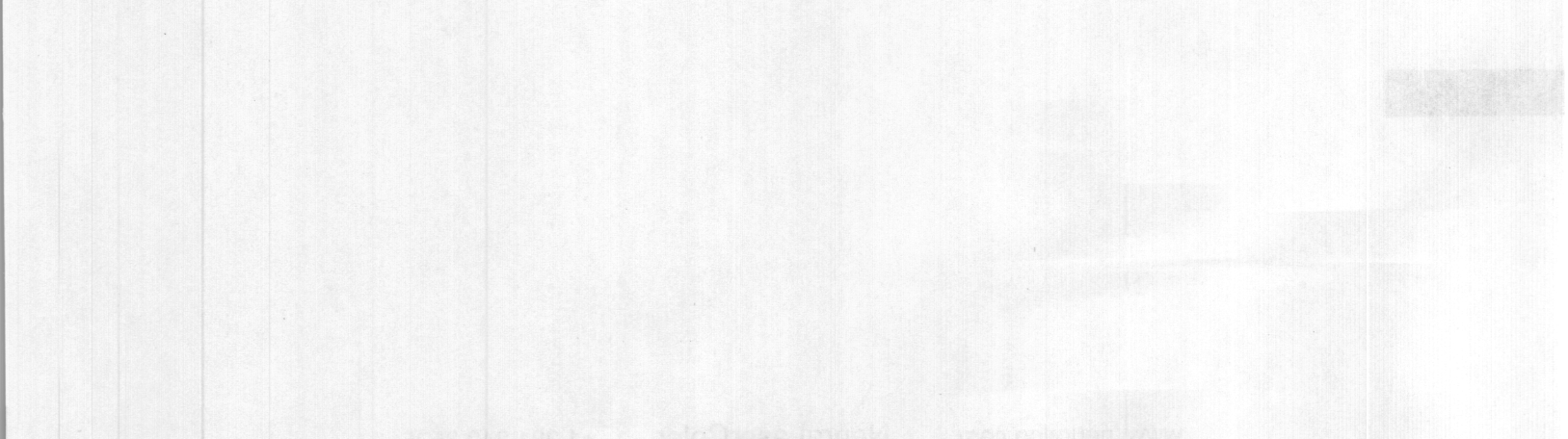


RTD 4620-2303 *

VIS: 48 WT: 9.5
WL: 104 CHL: 6700

RTD 4670-2353

ls. wt. Lih. V. Fr. h. Suc. w/ Glau.
Dol. wt. Lih. V. Fr. h. Suc. w/ Glau.
ls. wt. Lih. Calc. st.
Δ. wt. Lih.
ls. Lih. Slid.
Δ. wt. Fresh. Cut. V. Fr. h. Suc.
ls. wt. Lih. V. Fr. h. Suc. Slid. h. h.
Δ. wt. Lih.





**Company: Raymond Oil
Company, Inc**
Lease: Frusher Farms #1

SEC: 10 TWN: 21S RNG: 23W
County: HODGEMAN
State: Kansas
Drilling Contractor: L. D. Drilling & Exploration, LLC - Rig 1
Elevation: 2312 GL
Field Name: Sandpit North Ext
Pool: WILDCAT
Job Number: 556
API #: 15-083-22004

Operation:
Uploading recovery & pressures

DATE
May
18
2022

DST #1 **Formation: Mississippian** **Test Interval: 4454 - 4517'** **Total Depth: 4517'**
Time On: 18:05 05/18 Time Off: 02:40 05/19
Time On Bottom: 20:41 05/18 Time Off Bottom: 00:26 05/19

Electronic Volume Estimate:
131'

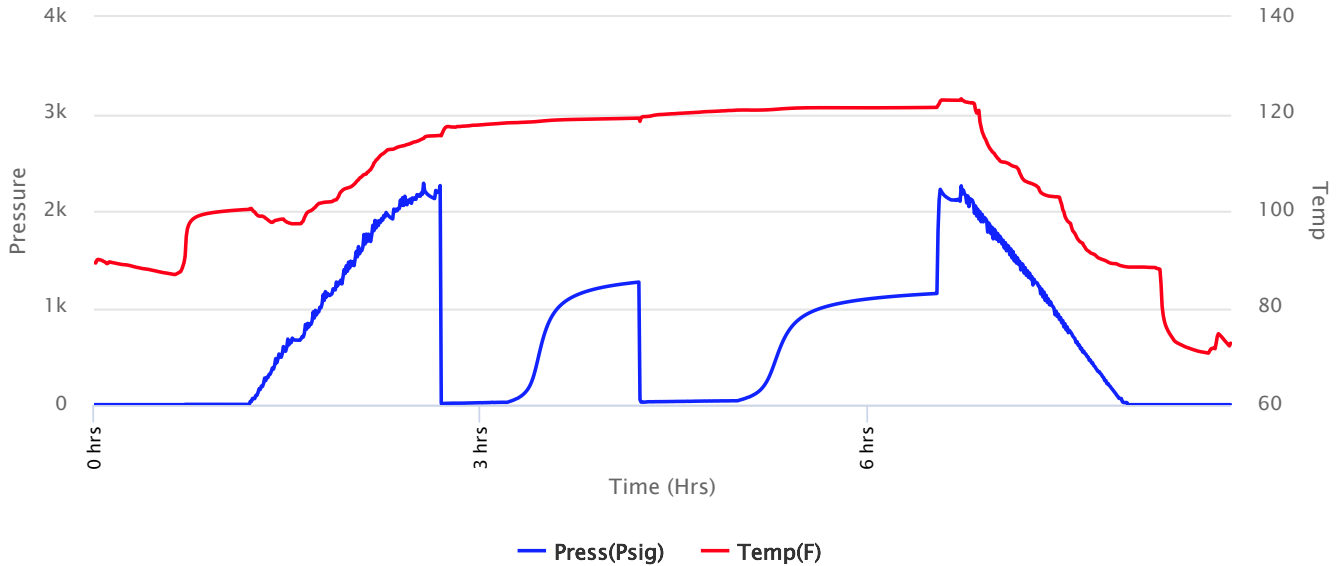
1st Open
Minutes: 30
Current Reading:
4.3" at 30 min
Max Reading: 4.3"

1st Close
Minutes: 60
Current Reading:
0" at 60 min
Max Reading: 0"

2nd Open
Minutes: 45
Current Reading:
6.8" at 45 min
Max Reading: 6.8"

2nd Close
Minutes: 90
Current Reading:
0" at 90 min
Max Reading: 0"

Inside Recorder





Company: Raymond Oil Company, Inc
Lease: Frusher Farms #1

SEC: 10 TWN: 21S RNG: 23W
 County: HODGEMAN
 State: Kansas
 Drilling Contractor: L. D. Drilling & Exploration, LLC - Rig 1
 Elevation: 2312 GL
 Field Name: Sandpit North Ext
 Pool: WILDCAT
 Job Number: 556
 API #: 15-083-22004

Operation:
 Uploading recovery & pressures

DATE
 May
18
 2022

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 Time On: 18:05 05/18 Time Off: 02:40 05/19
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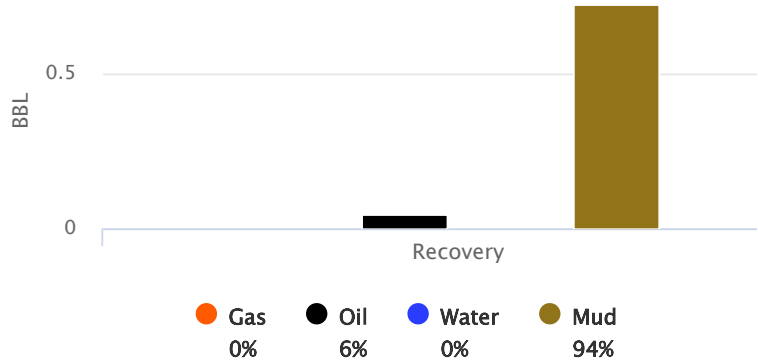
Recovered

Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
75	0.7695	SLOCM	0	6	0	94

Total Recovered: 75 ft
 Total Barrels Recovered: 0.7695

Reversed Out
 NO

Recovery at a glance



Initial Hydrostatic Pressure	2190	PSI
Initial Flow	13 to 27	PSI
Initial Closed in Pressure	1266	PSI
Final Flow Pressure	28 to 44	PSI
Final Closed in Pressure	1148	PSI
Final Hydrostatic Pressure	2184	PSI
Temperature	122	°F
Pressure Change Initial Close / Final Close	9.3	%

GIP cubic foot volume: 0



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Exploration, LLC - Rig 1
Elevation: 2312 GL
Field Name: Sandpit North Ext
Pool: WILDCAT
Job Number: 556
API #: 15-083-22004

Operation:
Uploading recovery &
pressures

DATE
May
18
2022

DST #1 **Formation:**
Mississippian **Test Interval: 4454 -**
 4517' **Total Depth: 4517'**
Time On: 18:05 05/18 Time Off: 02:40 05/19
Time On Bottom: 20:41 05/18 Time Off Bottom: 00:26 05/19

BUCKET MEASUREMENT:

1st Open: 1/4" blow building to 4"

1st Close: No BB

2nd Open: 1/4" blow building to 6 3/4"

2nd Close: No BB

REMARKS:

Tool Sample: 0% Gas 37% Oil 0% Water 63% Mud



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State: Kansas
Drilling Contractor: L. D. Drilling &
Exploration, LLC - Rig 1
Elevation: 2312 GL
Field Name: Sandpit North Ext
Pool: WILDCAT
Job Number: 556
API #: 15-083-22004

Operation:
Uploading recovery &
pressures

DATE
May
18
2022

DST #1 **Formation:** **Test Interval: 4454 -** **Total Depth: 4517'**
Mississippian **4517'**
Time On: 18:05 05/18 Time Off: 02:40 05/19
Time On Bottom: 20:41 05/18 Time Off Bottom: 00:26 05/19

Down Hole Makeup

Heads Up: 22.11 FT	Packer 1: 4449.25 FT
Drill Pipe: 4443.79 FT <i>ID-3 1/4</i>	Packer 2: 4454.25 FT
Weight Pipe: 0 FT <i>ID-2 7/8</i>	Top Recorder: 4438.67 FT
Collars: 0 FT <i>ID-2 1/4</i>	Bottom Recorder: 4494 FT
Test Tool: 33.57 FT <i>ID-3 1/2-FH</i> <i>Jars</i> <i>Safety Joint</i>	Well Bore Size: 7 7/8
Total Anchor: 62.75	Surface Choke: 1"
Anchor Makeup	Bottom Choke: 5/8"
Packer Sub: 1 FT	
Perforations: (top): 4 FT <i>4 1/2-FH</i>	
Change Over: 1 FT	
Drill Pipe: (in anchor): 31.75 FT <i>ID-3 1/4</i>	
Change Over: 1 FT	
Perforations: (below): 24 FT <i>4 1/2-FH</i>	



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Exploration, LLC - Rig 1
Elevation: 2312 GL
Field Name: Sandpit North Ext
Pool: WILDCAT
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18
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DST #1 **Formation:** **Test Interval: 4454 -** **Total Depth: 4517'**
Mississippian **4517'**
Time On: 18:05 05/18 Time Off: 02:40 05/19
Time On Bottom: 20:41 05/18 Time Off Bottom: 00:26 05/19

Mud Properties

Mud Type: Chemical **Weight:** 9.4 **Viscosity:** 45 **Filtrate:** 13.2 **Chlorides:** 5,700 ppm



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Elevation: 2312 GL
Field Name: Sandpit North Ext
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Operation:
Uploading recovery &
pressures

DATE
May
18
2022

DST #1 **Formation:** **Test Interval: 4454 -** **Total Depth: 4517'**
Mississippian **4517'**
Time On: 18:05 05/18 Time Off: 02:40 05/19
Time On Bottom: 20:41 05/18 Time Off Bottom: 00:26 05/19

Gas Volume Report

1st Open			
Time	Orifice	PSI	MCF/D

2nd Open			
Time	Orifice	PSI	MCF/D



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County: HODGEMAN
State: Kansas
Drilling Contractor: L. D. Drilling & Exploration, LLC - Rig 1
Elevation: 2312 GL
Field Name: Sandpit North Ext
Pool: WILDCAT
Job Number: 556
API #: 15-083-22004

Operation:
Uploading recovery & pressures

DATE
May
19
2022

DST #2 **Formation: Mississippian** **Test Interval: 4515 - 4525'** **Total Depth: 4525'**
Time On: 09:07 05/19 Time Off: 17:21 05/19
Time On Bottom: 11:26 05/19 Time Off Bottom: 15:11 05/19

Electronic Volume Estimate:
121'

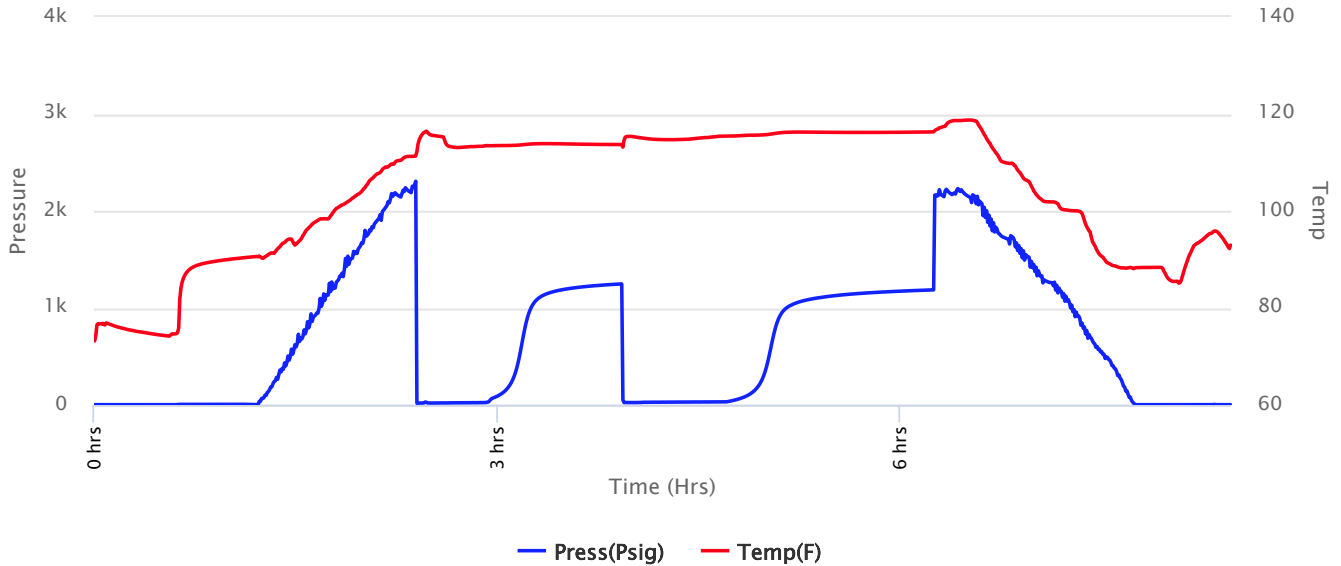
1st Open
Minutes: 30
Current Reading:
2.7" at 30 min
Max Reading: 2.7"

1st Close
Minutes: 60
Current Reading:
0" at 60 min
Max Reading: 0"

2nd Open
Minutes: 45
Current Reading:
7.4" at 45 min
Max Reading: 7.4"

2nd Close
Minutes: 90
Current Reading:
0" at 90 min
Max Reading: 0"

Inside Recorder





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SEC: 10 TWN: 21S RNG: 23W
 County: HODGEMAN
 State: Kansas
 Drilling Contractor: L. D. Drilling & Exploration, LLC - Rig 1
 Elevation: 2312 GL
 Field Name: Sandpit North Ext
 Pool: WILDCAT
 Job Number: 556
 API #: 15-083-22004

Operation:
 Uploading recovery & pressures

DATE
 May
19
 2022

DST #2 **Formation: Mississippian** **Test Interval: 4515 - 4525'** **Total Depth: 4525'**
 Time On: 09:07 05/19 Time Off: 17:21 05/19
 Time On Bottom: 11:26 05/19 Time Off Bottom: 15:11 05/19

Recovered

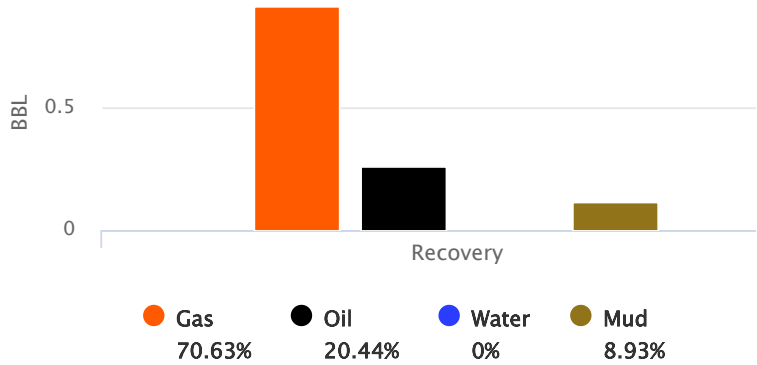
Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
80	0.8208	G	100	0	0	0
1	0.01026	O	0	100	0	0
45	0.4617	GCMCO	20	55	0	25

Total Recovered: 126 ft
 Total Barrels Recovered: 1.29276

Reversed Out
NO

Initial Hydrostatic Pressure	2242	PSI
Initial Flow	17 to 24	PSI
Initial Closed in Pressure	1247	PSI
Final Flow Pressure	24 to 33	PSI
Final Closed in Pressure	1186	PSI
Final Hydrostatic Pressure	2219	PSI
Temperature	117	°F
Pressure Change Initial Close / Final Close	4.9	%

Recovery at a glance



GIP cubic foot volume: 5.12682



**Company: Raymond Oil
Company, Inc**
Lease: Frusher Farms #1

SEC: 10 TWN: 21S RNG: 23W
County: HODGEMAN
State: Kansas
Drilling Contractor: L. D. Drilling &
Exploration, LLC - Rig 1
Elevation: 2312 GL
Field Name: Sandpit North Ext
Pool: WILDCAT
Job Number: 556
API #: 15-083-22004

Operation:
Uploading recovery &
pressures

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BUCKET MEASUREMENT:

1st Open: 1/2" blow building to 2 1/2"
1st Close: No BB
2nd Open: 1/2" blow building to 7 1/4"
2nd Close: Weak surface BB

REMARKS:

We slid 4-5 ft when setting tool.

Tool Sample: 22% Gas 55% Oil 0% Water 23% Mud



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Down Hole Makeup

Heads Up: 24.63 FT	Packer 1: 4510 FT
Drill Pipe: 4507.06 FT <i>ID-3 1/4</i>	Packer 2: 4515 FT
Weight Pipe: 0 FT <i>ID-2 7/8</i>	Top Recorder: 4499.42 FT
Collars: 0 FT <i>ID-2 1/4</i>	Bottom Recorder: 4517 FT
Test Tool: 33.57 FT <i>ID-3 1/2-FH</i> <i>Jars</i> <i>Safety Joint</i>	Well Bore Size: 7 7/8
Total Anchor: 10	Surface Choke: 1"
<u>Anchor Makeup</u>	Bottom Choke: 5/8"
Packer Sub: 1 FT	
Perforations: (top): 0 FT <i>4 1/2-FH</i>	
Change Over: 0 FT	
Drill Pipe: (in anchor): 0 FT <i>ID-3 1/4</i>	
Change Over: 0 FT	
Perforations: (below): 9 FT <i>4 1/2-FH</i>	



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Mud Properties

Mud Type: Chemical **Weight:** 9.4 **Viscosity:** 45 **Filtrate:** 13.2 **Chlorides:** 5,700 ppm



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Gas Volume Report

1st Open			
Time	Orifice	PSI	MCF/D

2nd Open			
Time	Orifice	PSI	MCF/D



785-953-0222

TICKET NUMBER 1295 K-c
 LOCATION Hugoton Ks
 FOREMAN Jason Arrington
Walt Dinkel

**FIELD TICKET & TREATMENT REPORT
 CEMENT**

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
5-11-22		Frosher Farms #1	10	21 ^s	23 ^w	Hodgeman
CUSTOMER Raymond Oil Co, Inc			Ness City South to Rd X 2 1/2 E 1/4 S.			
MAILING ADDRESS			TRUCK #	DRIVER	TRUCK #	DRIVER
CITY			103	Cory D.		
STATE			801-851	Chris P.		
ZIP CODE				John Ewert		

JOB TYPE Surface HOLE SIZE 12 1/4" HOLE DEPTH 264' CASING SIZE & WEIGHT 8 5/8 23#
 CASING DEPTH 261' DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 15.2 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 15' to 20'
 DISPLACEMENT 15.3 DISPLACEMENT PSI _____ MIX PSI _____ RATE 4 BPM

REMARKS: Safety Meeting, Rig up on L-D Drly, Circ casing on Bottom
mix 180 sks class A, 3% CC-2% Gel, Displace 15.3 BP H₂O, shut in
Cement Did Circ
Approx 4 BBC to RT

Thank You
Walt & Crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
	1	PUMP CHARGE	1,150 ⁰⁰	1,150 ⁰⁰
	30	MILEAGE	7 ¹⁵	214 ⁵⁰
	8.46	Tom Mileage Delivery	175	660 ⁰⁰
	180 - sks	Surface Blend II	24 ⁰⁰	4,320 ⁰⁰
				6,344 ⁵⁰
			Less 25% D312	1,586 ¹²
				4,758 ³²
			SALES TAX	
			ESTIMATED TOTAL	

AUTHORIZATION Daniel Brees TITLE _____ DATE _____

I acknowledge that the payments 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.

Tel: 620-544-2929
 Fax: 620-544-2419

HP OILFIELD SERVICES, LLC

PO Box 488, Hugoton, KS 67951

Field Ticket #
 19402-2

Customer	Raymond Oil	Lease Name	Fischer Farms #1
Date	5-21-92	State	Ks, Sec 10-215-7313
Invoice #	Supervisor, Matt Dinka	Truck No.	103-Coy D, 800-851-Chris B
		Requested By	801-851 Tom Ewert

Work Performed Production 5 1/2" 2-Stage, 2-Stage, 30 min Pump 500 gal used HBS
 May 115 SKS HP Base, Clear Pump + lines, Displace 11-Controls - 891
 75 BBL H2O + 38 BBL mud to 600 # Landfill # 575 # Kobsel - 3871 - Basket - 385
 @ Pm Dy Tool, Que 1 Hr, My 30 skin RH, 322 SKS 175 # Flow Seal 52500 1-ATB Flow Seal - 585
 Tank Gauges down hole, Displace 37 BBL H2O, Skat Bed 1-Backhoe, Displace 400
 Tank No. Top Bottom 1-Dy Tool - 5,970
 FT IN QTR FT IN QTR
 TD - 1 DV Tool Shoe St 42

QTY	ITEM	PRICE	TOTAL	QTY	ITEM	PRICE	TOTAL
1	Pump truck	2800.00	2800.00				
30	miles	715	21450				
20.46	Ton mileage Delivery	175	3580.50				
115 SKS	HP-Base	2320	26680.00				
350 SKS	light weight Blend VII	1950	68250.00				
500 gal	mud Flash	1.65	825.00				
	Cement						
	Did Air						
	less 25% Disc						
			5411.16				
			16233.94				

Matthew

751087