

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 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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Form	ACO1 - Well Completion
Operator	RJM Company
Well Name	AMES UNIT 16
Doc ID	1616989

All Electric Logs Run

Dual Induction
Compensated Neutron
Micro Log
Sonic

Form	ACO1 - Well Completion
Operator	RJM Company
Well Name	AMES UNIT 16
Doc ID	1616989

Perforations

Shots Per Foot	Perforation Top	Perforation Bottom	BridgePlugType	BridgePlugSet At	Material Record
4	3007	3015			650 gallons 28% acid
4	3030	3034			650 gallons 28% acid
4	3044	3046			650 gallons 28% acid
4	3050	3052			650 gallons 28% acid
4	3064	3068			650 gallons 28% acid
4	3077	3081			650 gallons 28% acid

OPERATOR

Company: RJM Company
 Address: PO Box 256
 Claflin, KS 67525

Contact Geologist: Jim Musgrove
 Contact Phone Nbr: 620-786-0839
 Well Name: Ames Unit #16
 Location: 26-18s-11w E2-SE-SW-SW
 API: 15-009-26331-00-00
 Pool:
 State: Kansas

Field: Ames
 Country: USA



Scale 1:240 Imperial

Well Name: Ames Unit #16
 Surface Location: 26-18s-11w E2-SE-SW-SW
 Bottom Location:
 API: 15-009-26331-00-00
 License Number: 30458
 Spud Date: 1/11/2022 Time: 12:00 AM
 Region: Barton
 Drilling Completed: 1/17/2022 Time: 12:00 AM
 Surface Coordinates: 330' FSL & 1075' FWL
 Bottom Hole Coordinates:
 Ground Elevation: 1764.00ft
 K.B. Elevation: 1774.00ft
 Logged Interval: 2500.00ft To: 0.00ft
 Total Depth: 3336.00ft
 Formation: Arbuckle
 Drilling Fluid Type: Chemical/Fresh Water Gel

SURFACE CO-ORDINATES

Well Type: Vertical
 Longitude:
 Latitude:
 N/S Co-ord: 330' FSL
 E/W Co-ord: 1075' FWL

LOGGED BY

Company: James C Musgrove Petroleum LLC
 Address: 212 Main Street/PO Box 215
 Claflin, KS 67525

Phone Nbr: 620-588-4250 620-786-0839
 Logged By: KLG #307

Name: James C Musgrove

CONTRACTOR

Contractor: Southwind Drilling
 Rig #: 1

Rig Type: mud rotary
 Spud Date: 1/11/2022
 TD Date: 1/17/2022
 Rig Release:

Time: 12:00 AM
 Time: 12:00 AM
 Time:

ELEVATIONS

K.B. Elevation: 1774.00ft
 K.B. to Ground: 10.00ft
 Ground Elevation: 1764.00ft

NOTES

Remarks:

5 1/2" production casing was set and cemented on the RJM Oil Company, Ames Unit #16.

Respectfully submitted,

James C Musgrove
 Petroleum Geologist

well comparison sheet

Formation	AMES UNIT #16 RJM COMPANY E/2-SW-SW 26-18s-11w 1774 KB				FEIST 'C' #2/AMES UNIT #11 RAYMOND OIL W2-NE-NW 35-18s-11w 1764 KB				FEIST 'C' #3/AMES UNIT #12 RAYMOND OIL W2-NE-NW 35-18s-11w 1770 KB			
	Log	Sub-Sea	Log	Sub-Sea	Log	Sub-Sea	Log	Sub-Sea	Log	Sub-Sea	Log	Sub-Sea
Anhydrite		527	1247		519	1245	-2					
Base Anhydrite		563	1211									
Beebuer		2871	-1097						2866	-1096	1	
Toronto		2888	-1114		2875	-1111	3		2882	-1112	2	
Douglas		2900	-1126		2888	-1124	2		2899	-1129	-3	
Brown Lime		2984	-1210		2970	-1206	4		2980	-1210	0	
Lansing		3000	-1226		2989	-1225	1		2997	-1227	-1	
Base Kansas City		3243	-1469		3228	-1464	5					
Conglomerate		3263	-1489		3247	-1483	6		3257	-1487	2	
Arbuckle		3312	-1538		3294	-1530	8		3303	-1533	5	
Rotary Total Depth		3336	-1562		3330	-1566	-4		3334	-1564	-2	
Log Total Depth		3335	-1561									



Company: RJM Oil Company, Inc
Lease: Ames Unit #16

SEC: 26 TWN: 18S RNG: 11W
 County: BARTON
 State: Kansas
 Drilling Contractor: Southwind Drilling, Inc - Rig 1
 Elevation: 1764 GL
 Field Name: Ames
 Pool: Infield
 Job Number: 546
 API #: 15-009-26331

Operation:
 Uploading recovery & pressures

DATE
 January
15
 2022

DST #1 **Formation: L/KC "A-F"** **Test Interval: 2990 - 3088"** **Total Depth: 3088"**

Time On: 03:33 01/15 Time Off: 12:15 01/15
 Time On Bottom: 06:30 01/15 Time Off Bottom: 09:30 01/15

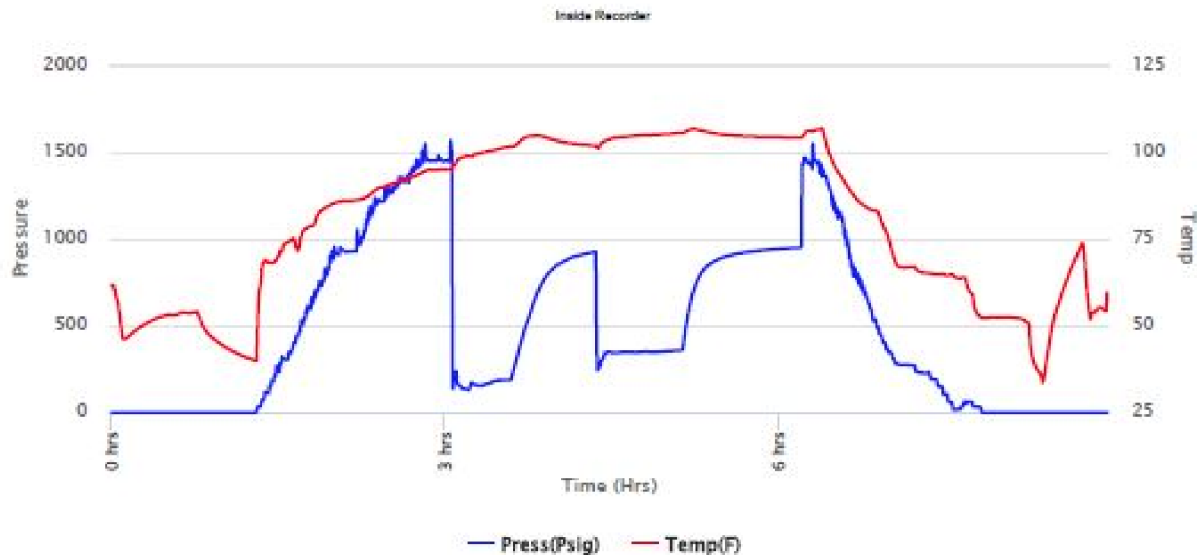
Electronic Volume Estimate:
 N/A

1st Open
 Minutes: 30
 Current Reading:
 Gauging gas" at 30 min
 Max Reading: Measuring

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

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

2nd Close
 Minutes: 60
 Current Reading:
 3.9" at 60 min
 Max Reading: 3.9"



Company: RJM Oil Company, Inc

Lease: Ames Unit #16

SEC: 26 TWN: 18S RNG: 11W
 County: BARTON
 State: Kansas
 Drilling Contractor: Southwind Drilling, Inc - Rig 1
 Elevation: 1784 GL
 Field Name: Ames
 Pool: Infield
 Job Number: 548
 API #: 15-009-26331

Operation:
 Uploading recovery & pressures

DATE
 January
15
 2022

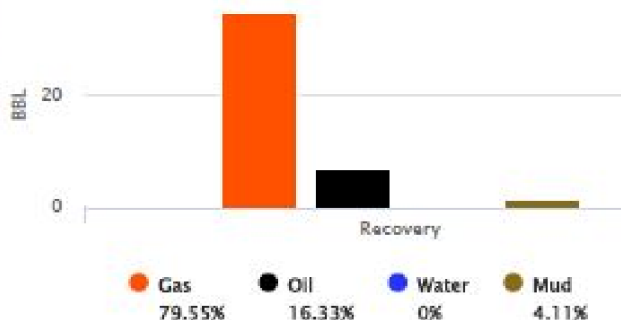
DST #1 **Formation: L/KC "A-F"** **Test Interval: 2990 - 3088'** **Total Depth: 3088'**
 Time On: 03:33 01/15 Time Off: 12:15 01/15
 Time On Bottom: 06:30 01/15 Time Off Bottom: 09:30 01/15

Recovered		Description of Fluid	Gas %	Oil %	Water %	Mud %
Foot	BBLs					
2418	34.40814	G	100	0	0	0
40	0.5682	SLOCSLGCM	2	1	0	97
630	8.9649	SLGCSLMCO	6	80	0	14

Total Recovered: 3088 ft
 Total Barrels Recovered: 43.94224

Reversed Out:
NO

Recovery at a glance



Initial Hydrostatic Pressure	1447	PSI
Initial Flow	137 to 188	PSI
Initial Closed in Pressure	926	PSI
Final Flow Pressure	243 to 360	PSI
Final Closed in Pressure	950	PSI
Final Hydrostatic Pressure	1445	PSI
Temperature	107	°F
Pressure Change Initial Close / Final Close	0.0	%

GIP cubic foot volume: 196.26842



Company: RJM Oil Company, Inc

SEC: 26 TWN: 18S RNG: 11W
 County: BARTON
 State: Kansas



Lease: Ames Unit #16

Drilling Contractor: Southwind Drilling, Inc - Rig 1
Elevation: 1784 GL
Field Name: Ames
Pool: Infield
Job Number: 548
API #: 15-009-28331

Operation:
Uploading recovery & pressures

DATE
January
15
2022

DST #2 **Formation: L/KC "G"** **Test Interval: 3092 - 3112'** **Total Depth: 3112'**
Time On: 20:10 01/15 Time Off: 03:04 01/16
Time On Bottom: 21:51 01/15 Time Off Bottom: 00:51 01/16

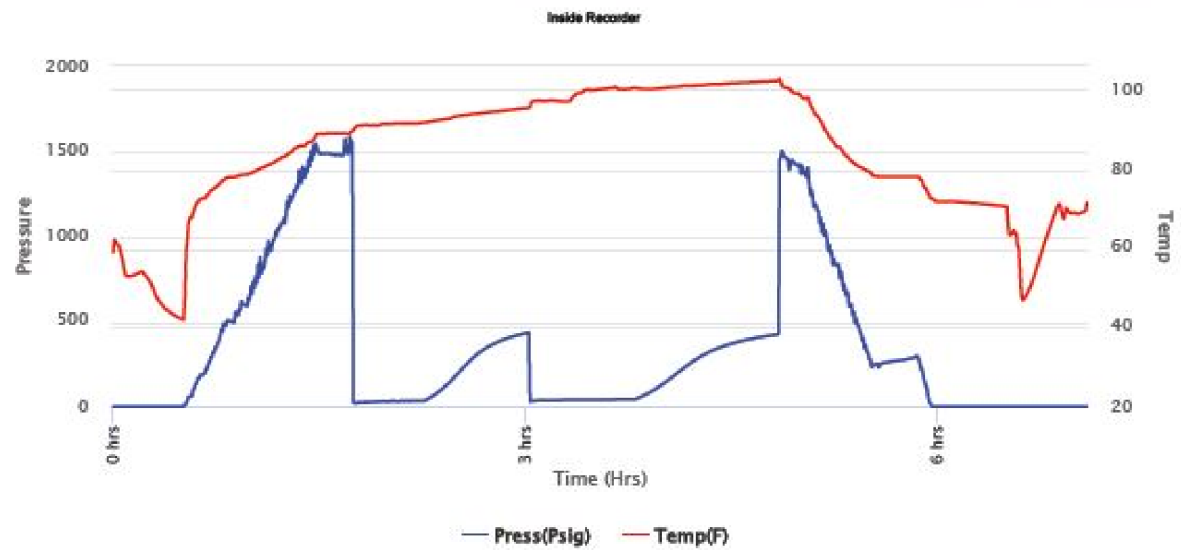
Electronic Volume Estimate:
137'

1st Open
Minutes: 30
Current Reading: 7.4" at 30 min
Max Reading: 7.4"

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

2nd Open
Minutes: 45
Current Reading: 9.8" at 45 min
Max Reading: 9.8"

2nd Close
Minutes: 60
Current Reading: 0" at 60 min
Max Reading: 0"



Company: RJM Oil Company, Inc Lease: Ames Unit #16

SEC: 28 TWN: 18S RNG: 11W
County: BARTON
State: Kansas
Drilling Contractor: Southwind Drilling, Inc - Rig 1
Elevation: 1784 GL
Field Name: Ames
Pool: Infield
Job Number: 548
API #: 15-009-28331

Operation:
Uploading recovery & pressures

DATE
January
15
2022

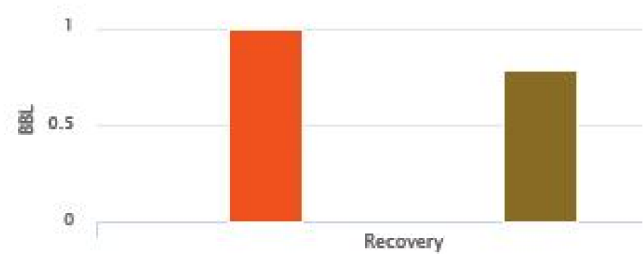
DST #2 **Formation: L/KC "G"** **Test Interval: 3092 - 3112'** **Total Depth: 3112'**
Time On: 20:10 01/15 Time Off: 03:04 01/16
Time On Bottom: 21:51 01/15 Time Off Bottom: 00:51 01/16

Recovered		Description of Fluid	Gas %	Oil %	Water %	Mud %
Foot	BBLS					
70	0.9981	G	100	0	0	0
55	0.78285	M (trace O)	0	.1	0	99.9

Total Recovered: 125 ft
Total Barrels Recovered: 1.77875

Reversed Out
NO

Recovery at a glance



Initial Hydrostatic Pressure	1487	PSI
Initial Flow	25 to 34	PSI
Initial Closed in Pressure	437	PSI
Final Flow Pressure	31 to 43	PSI
Final Closed in Pressure	427	PSI

Final Hydrostatic Pressure 1480
 Temperature 103 °F
 Pressure Change Initial 2.4 %
 Close / Final Close

● Gas 56% ● Oil 0.04% ● Water 0% ● Mud 43.96%

GIP cubic foot volume: 5.5926



Company: RJM Oil Company, Inc
Lease: Ames Unit #16

SEC: 28 TWN: 18S RNG: 11W
 County: BARTON
 State: Kansas
 Drilling Contractor: Southwind Drilling, Inc - Rig 1
 Elevation: 1784 GL
 Field Name: Ames
 Pool: Infield
 Job Number: 548
 API #: 15-009-28331

Operation:
 Uploading recovery & pressures

DATE
 January
16
 2022

DST #3 Formation: L/KC "H-J" Test Interval: 3134 - 3190' Total Depth: 3190'
 Time On: 12:24 01/16 Time Off: 18:38 01/16
 Time On Bottom: 13:54 01/16 Time Off Bottom: 16:54 01/16

Electronic Volume Estimate:
 30'

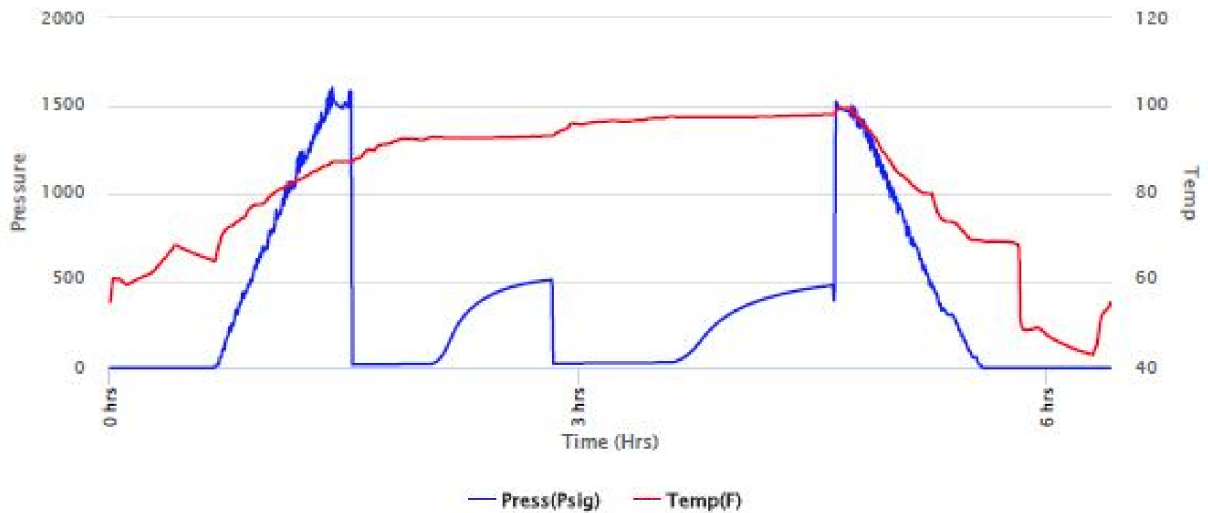
1st Open
 Minutes: 30
 Current Reading:
 2.4" at 30 min
 Max Reading: 2.4"

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

2nd Open
 Minutes: 45
 Current Reading:
 1.3" at 45 min
 Max Reading: 1.3"

2nd Close
 Minutes: 60
 Current Reading:
 0" at 60 min
 Max Reading: 0"

Inside Recorder



Company: RJM Oil Company, Inc
Lease: Ames Unit #16

SEC: 28 TWN: 18S RNG: 11W
 County: BARTON
 State: Kansas
 Drilling Contractor: Southwind Drilling, Inc - Rig 1
 Elevation: 1784 GL
 Field Name: Ames
 Pool: Infield
 Job Number: 548
 API #: 15-009-28331

Operation:
 Uploading recovery & pressures

DATE
January
16
2022

DST #3 Formation: L/KC "H- J" Test Interval: 3134 - 3190' Total Depth: 3190'
Time On: 12:24 01/16 Time Off: 18:38 01/16
Time On Bottom: 13:54 01/16 Time Off Bottom: 16:54 01/16

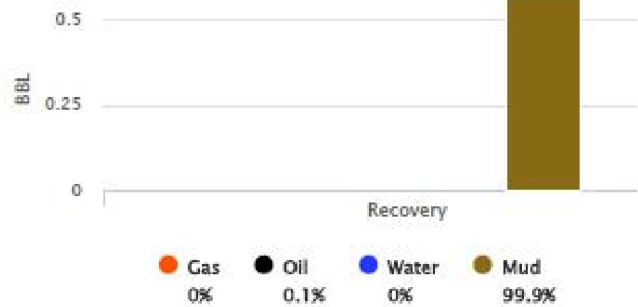
Recovered		Description of Fluid	Gas %	Oil %	Water %	Mud %
Foot	BBLs					
40	0.5692	M (trace O)	0	.1	0	99.9

Total Recovered: 40 ft
Total Barrels Recovered: 0.5692

Reversed Out
NO

Recovery at a glance

Initial Hydrostatic Pressure	1494	PSI
Initial Flow	18 to 23	PSI
Initial Closed in Pressure	504	PSI
Final Flow Pressure	24 to 30	PSI
Final Closed in Pressure	474	PSI
Final Hydrostatic Pressure	1492	PSI
Temperature	99	°F
Pressure Change Initial Close / Final Close	6.0	%



GIP cubic foot volume: 0



Company: RJM Oil Company, Inc
Lease: Ames Unit #16

SEC: 28 TWN: 18S RNG: 11W
County: BARTON
State: Kansas
Drilling Contractor: Southwind Drilling, Inc - Rig 1
Elevation: 1764 GL
Field Name: Ames
Pool: Infield
Job Number: 546
API #: 15-009-26331

Operation:
Uploading recovery & pressures

DATE
January
17
2022

DST #4 Formation: Arbuckle Test Interval: 3321 - 3336' Total Depth: 3336'
Time On: 10:47 01/17 Time Off: 17:28 01/17
Time On Bottom: 12:24 01/17 Time Off Bottom: 15:39 01/17

Electronic Volume Estimate:
77'

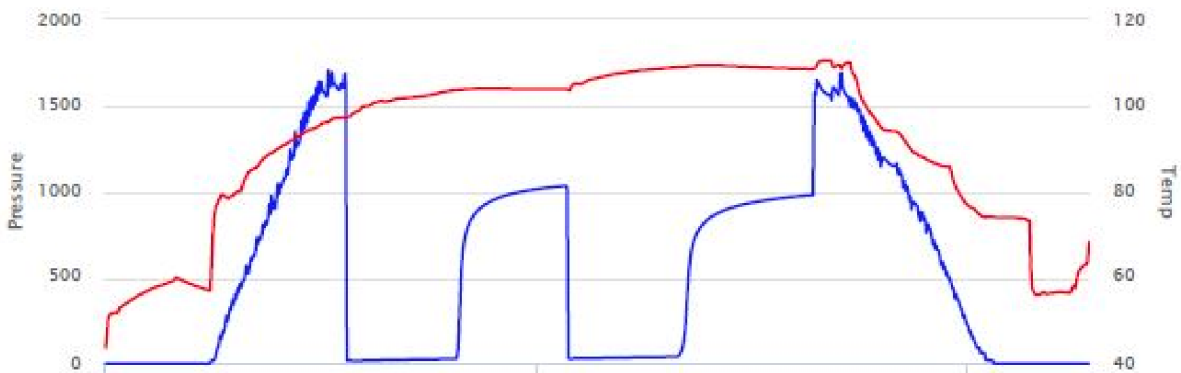
1st Open
Minutes: 45
Current Reading: 5.4" at 45 min
Max Reading: 5.4"

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

2nd Open
Minutes: 45
Current Reading: 3.5" at 45 min
Max Reading: 3.5"

2nd Close
Minutes: 60
Current Reading: 0" at 60 min
Max Reading: 0"

Inside Recorder





Company: RJM Oil Company, Inc
Lease: Ames Unit #16

SEC: 26 TWN: 18S RNG: 11W
 County: BARTON
 State: Kansas
 Drilling Contractor: Southwind Drilling, Inc - Rig 1
 Elevation: 1784 GL
 Field Name: Ames
 Pool: Infield
 Job Number: 548
 API #: 15-009-26331

Operation:
 Uploading recovery & pressures

DATE
 January
17
 2022

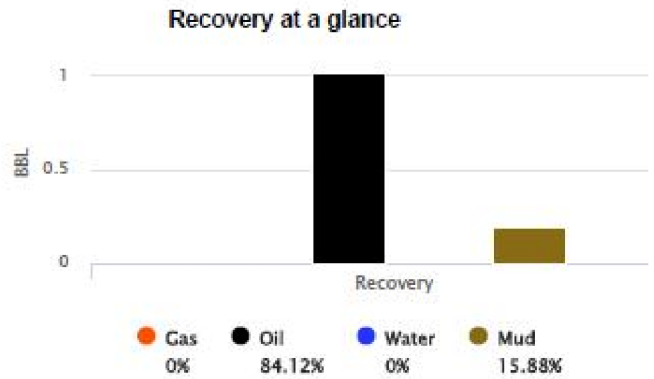
DST #4 Formation: Arbuckle Test Interval: 3321 - 3336' Total Depth: 3336'
 Time On: 10:47 01/17 Time Off: 17:26 01/17
 Time On Bottom: 12:24 01/17 Time Off Bottom: 15:39 01/17

Recovered		Description of Fluid	Gas %	Oil %	Water %	Mud %
Foot	BBLS					
55	0.78265	O	0	100	0	0
30	0.4289	HMCO	0	55	0	45

Total Recovered: 85 ft
 Total Barrels Recovered: 1.20955

Reversed Out
 NO

Initial Hydrostatic Pressure	1607	PSI
Initial Flow	18 to 29	PSI
Initial Closed in Pressure	1036	PSI
Final Flow Pressure	30 to 40	PSI
Final Closed in Pressure	983	PSI
Final Hydrostatic Pressure	1597	PSI
Temperature	110	°F
Pressure Change Initial Close / Final Close	5.1	%



GIP cubic foot volume: 0

ROCK TYPES

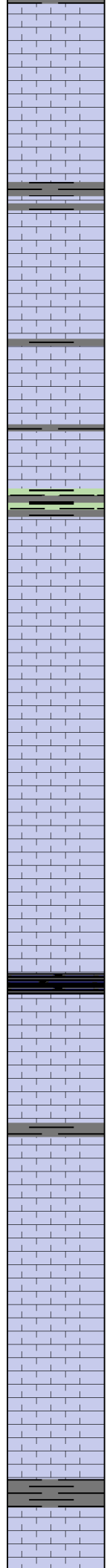
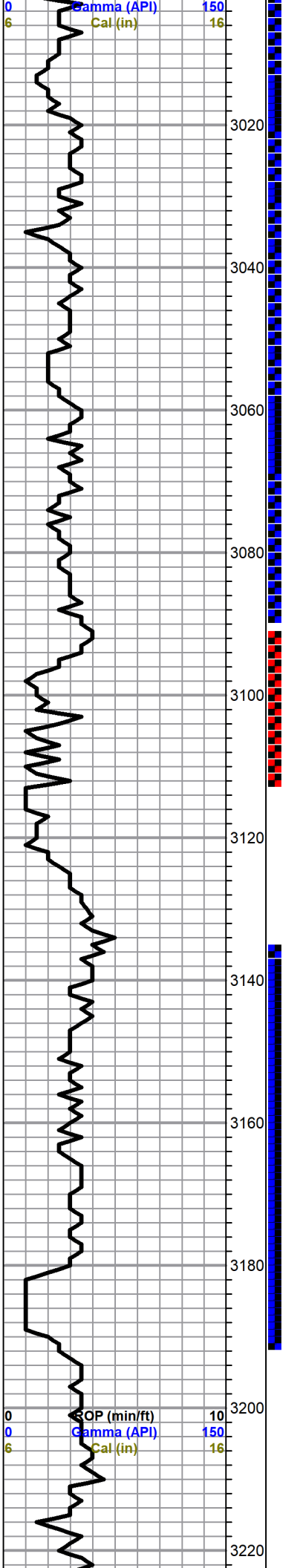
Cht	Lmst fw7>	shale, gry	shale, red	Ss
Chtcong1	shale, grn	Carbon Sh	Shcol	

OTHER SYMBOLS

- Oil Show**
- Good Show
 - Fair Show
 - Poor Show
 - Spotted or Trace
 - Questionable Stn
 - D Dead Oil Stn
 - Fluorescence
 - * Gas
- DST**
- DST Int
 - DST alt
 - Core
 - || tail pipe

Curve Track #1	Intervals	ology	Show	TG, C1 - C5
ROP (min/ft)	—			Total Gas (units)
Gamma (API)	—			C1 (units)
Cal (in)	---			C2 (units)
				C3 (units)

LANSING 3003(-1229)



Limestone,gray,tan,fossiliferous,fine and medium crystalline,chalky,poor visible porosity,few with scattered vuggy porosity,black and gray stain,trace of free oil and no odor

Limestone,gray,fossiliferous,dense

Shale,gray,soft

Limestone,gray,cream,oolitic,sparry calcite cement in some porosity pores,scattered vuggy porosity,dark brown stain,trace of free oil and no odor

Limestone,gray,light gray,finely crystalline,fossiliferous, oolitic,questionable stain,no free oil and no odor

Limestone,tan,oolitic,dense

Limestone,gray,highly oolitic(bioclastic),fair to good porosity,good dark brown stain and saturation,show of free oil and faint odor

Limestone,,tan,oolitic,oomoldic,fair vuggy porosity,brown stain,show of free oil and strong odor in fresh samples

as above with Limestone,white,fine crystalline,oolitic,poor visible porosity

Limestone,tan,white,chalky in part (dense)

Shale,black,carbonaceous

Limestone,cream,gray,finely crystalline,slightly fossiliferous,dense,poor porosity

Limestone,tan,gray,tan,finely crystalline,oolitic,dense,no stain,no free oil and faint odor

Limestone,white,tan,oomoldic,fair oomoldic porosity, dark brown stain,show of free gassy oil when samples broken,strong odor

Limestone,white,cream,oolitic,dense

as above

Shale,black,gray

Limestone,cream,tan,oolitic,chalky, poor brown spotted stain,no free oil and faint odor

0	C1 (units)	100
0	C2 (units)	100
0	C3 (units)	100
0	C4 (units)	100
0	C5 (units)	100

DST#1 2990-3088
 30-45-45-60
 Blow; strong,G.T.S.
 14 Mins,gas
 gauged as follows
 20 MINS 78,000
 25 MINS 116,000
 30 MINS 78,100 cfcpd
 2ND OPENING
 GAS TO SURFACE
 ,TOO WEAK TO
 MEASURE
RECOVERY
 2418'GAS IN PIPE
 40'SLIGHTLY OIL
 AND GAS CUT
 N(2% GAS,1%
 OIL,97%
 630'SLIGHTLY MUD
 CUT GASSY OIL
 (6% GAS,80%
 OIL,14% MUD)

PRESSURES
 ISIP 926 PSI
 FSIP 950 PSI
 IFP 137-188 PSI
 FFP 243-360 PSI
 HSH 147-1445
 PSI

DST#2 3092-3112
 30-30-45-60
 BLOW, FAIR (7
 2/4")
 2ND OPEN FAIR
 (10 3/4 ")

RECOVERY
 70'GAS IN PIPE
 55' MUD ,SHOW
 OF OIL

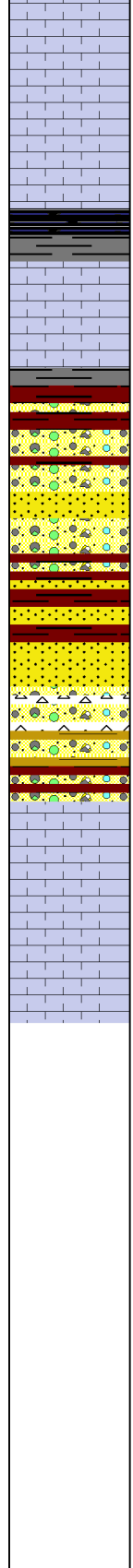
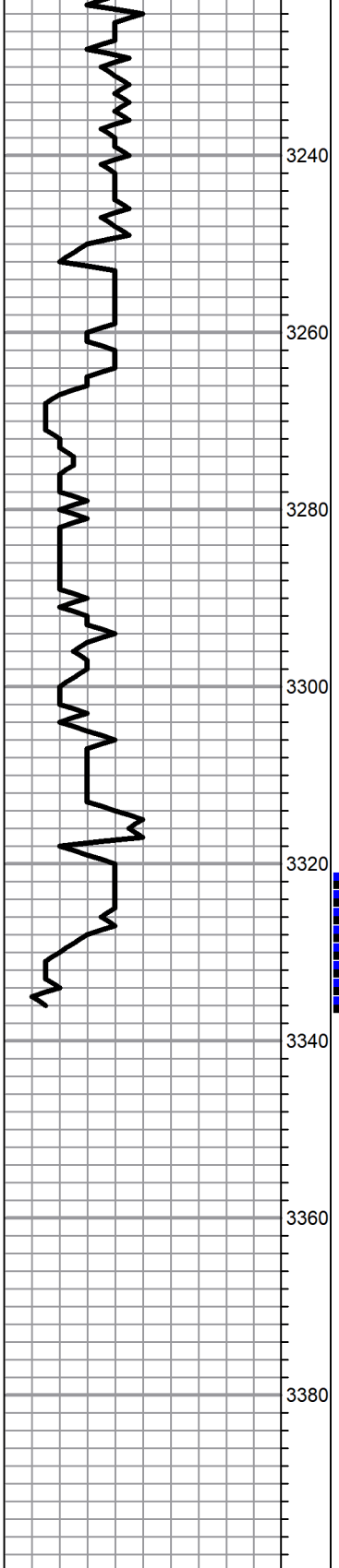
PRESSURES
 ISIP 437 PSI
 FSIP 427PSI
 IFP 25-34 PSI
 FFP 31-43 PSI
 HSH 1487-1480 PSI

DST#3 3134-3190
 30-30-45-60
 BLOW,WEAK(2 1/4")
 2ND OPEN ;WEAK(1
 1/4")

0	C1 (units)	100
0	C2 (units)	100
0	C3 (units)	100
0	C4 (units)	100
0	C5 (units)	100

RECOVERY ; 40'
 MUD,TRACE OF OIL

PRESSURES
 ISIP 504 PSI
 FSIP 474 PSI



Limestone,tan,gray,chalky,dense

as above

BASE KANSAS CITY 3246(-1472)

Shale,black,carbonaceous,with gray,rusty brown ,soft shale

Limestone,tan,fossiliferous,poor visible porosity,trace brown stain,trace of free oil and faint odor

CONGLOMERATE 3265(-1491)

Shale,rusty brown,maroon,soft

Sand,white,very fine grain,calcareous,poor porosity (barren)

shale and sand as above,trace black stain no free oil and no odor

Chert,orange,peach,boney with Shale,red,purple gray ,soft

ARBUCKLE 3314(-1540)

Dolomite,tan,gray,finely crystalline,poor porosity,no show

Dolomite,tan,sucrosic,scattered pinpoint type porosity,trace brown stain,trace of free oil and questionable odor

Dolomite,as above with medium ,crystalline,white Dolomite, fair intercrystalline porosity,spotted brown stain,show of free oil and faint odor

ROTARY TOTAL DEPTH 3336

IFP 18-23 PSI
FFP 24-30 PSI
HSH 1494-1492 PSI

DST#4 3321-3336
45-45-45-60
BLOW;WEAK
2ND OPEN .WEAK (4")
RECOVERY
55'CLEAN OIL
30'MUDDY OIL
(55%OIL,45% MUD)
PRESSURE
ISIP 1036 PSI
FSIP 983 PSI
IFP 18-29 PSI
FFP 30-40 PSI
HSH 1607-1587 PSI



Company: RJM Oil Company, Inc

Lease: Ames Unit #16

SEC: 26 TWN: 18S RNG: 11W
County: BARTON
State: Kansas
Drilling Contractor: Southwind Drilling, Inc - Rig 1
Elevation: 1764 GL
Field Name: Ames
Pool: Infield
Job Number: 546
API #: 15-009-26331

Operation:
Uploading recovery & pressures

DATE
January
15
2022

DST #1 **Formation: L/KC "A-F"** **Test Interval: 2990 - 3088'** **Total Depth: 3088'**
Time On: 03:33 01/15 Time Off: 12:15 01/15
Time On Bottom: 06:30 01/15 Time Off Bottom: 09:30 01/15

Electronic Volume Estimate:
N/A

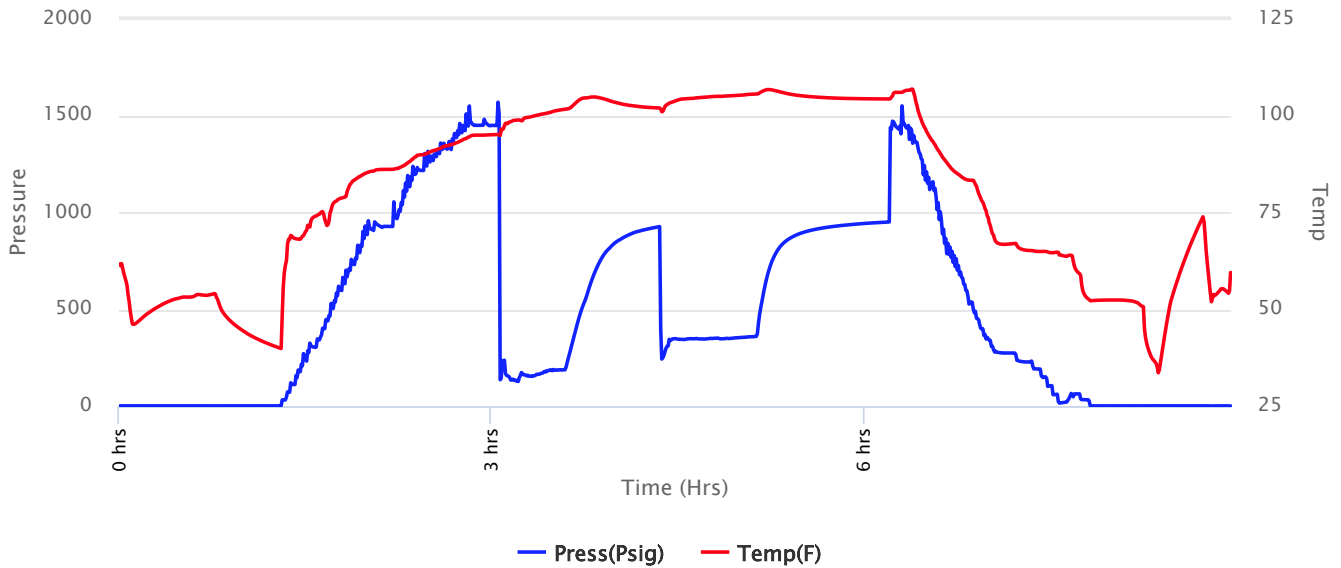
1st Open
Minutes: 30
Current Reading:
Gauging gas" at 30 min
Max Reading: Measuring gas"

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

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

2nd Close
Minutes: 60
Current Reading:
3.9" at 60 min
Max Reading: 3.9"

Inside Recorder





Company: RJM Oil Company, Inc

Lease: Ames Unit #16

SEC: 26 TWN: 18S RNG: 11W
 County: BARTON
 State: Kansas
 Drilling Contractor: Southwind Drilling, Inc - Rig 1
 Elevation: 1764 GL
 Field Name: Ames
 Pool: Infield
 Job Number: 546
 API #: 15-009-26331

Operation:
 Uploading recovery & pressures

DATE
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DST #1 Formation: L/KC "A-F" Test Interval: 2990 - 3088' Total Depth: 3088'
 Time On: 03:33 01/15 Time Off: 12:15 01/15
 Time On Bottom: 06:30 01/15 Time Off Bottom: 09:30 01/15

Recovered

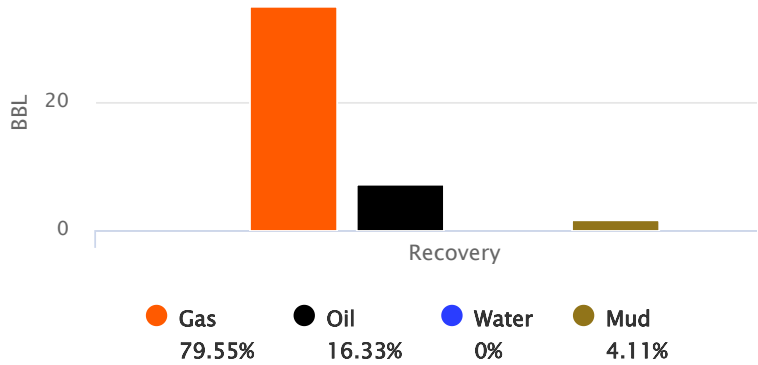
Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
2418	34.40814	G	100	0	0	0
40	0.5692	SLOCSLGCM	2	1	0	97
630	8.9649	SLGCSTMCO	6	80	0	14

Total Recovered: 3088 ft
 Total Barrels Recovered: 43.94224

Reversed Out
 NO

Initial Hydrostatic Pressure	1447	PSI
Initial Flow	137 to 188	PSI
Initial Closed in Pressure	926	PSI
Final Flow Pressure	243 to 360	PSI
Final Closed in Pressure	950	PSI
Final Hydrostatic Pressure	1445	PSI
Temperature	107	°F
Pressure Change Initial Close / Final Close	0.0	%

Recovery at a glance



GIP cubic foot volume: 196.26842



**Company: RJM Oil Company,
Inc**

Lease: Ames Unit #16

SEC: 26 TWN: 18S RNG: 11W
County: BARTON
State: Kansas
Drilling Contractor: Southwind Drilling,
Inc - Rig 1
Elevation: 1764 GL
Field Name: Ames
Pool: Infield
Job Number: 546
API #: 15-009-26331

Operation:
Uploading recovery &
pressures

DATE
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2022

**DST #1 Formation: L/KC "A-
F" Test Interval: 2990 - Total Depth: 3088'**
3088'
Time On: 03:33 01/15 Time Off: 12:15 01/15
Time On Bottom: 06:30 01/15 Time Off Bottom: 09:30 01/15

BUCKET MEASUREMENT:

Diesel in Bucket

1st Open: 3 1/2" building to BOB 2 min.

1st Close: No BB

2nd Open: BOB instantaneously

2nd Close: 4 1/2" BB

REMARKS:

Gas blew the tool sample out.

Gravity: 36.5 @ 60 °F



Company: RJM Oil Company, Inc

Lease: Ames Unit #16

SEC: 26 TWN: 18S RNG: 11W
County: BARTON
State: Kansas
Drilling Contractor: Southwind Drilling, Inc - Rig 1
Elevation: 1764 GL
Field Name: Ames
Pool: Infield
Job Number: 546
API #: 15-009-26331

Operation:
Uploading recovery & pressures

DATE
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2022

DST #1 **Formation: L/KC "A-F"** **Test Interval: 2990 - 3088'** **Total Depth: 3088'**
Time On: 03:33 01/15 Time Off: 12:15 01/15
Time On Bottom: 06:30 01/15 Time Off Bottom: 09:30 01/15

Down Hole Makeup

Heads Up: 16.74 FT	Packer 1: 2984.74 FT
Drill Pipe: 2981.32 FT <i>ID-3 1/2</i>	Packer 2: 2989.74 FT
Weight Pipe: 0 FT <i>ID-2 7/8</i>	Top Recorder: 2976.74 FT
Collars: 0 FT <i>ID-2 1/4</i>	Bottom Recorder: 3059 FT
Test Tool: 26.16 FT <i>ID-3 1/2-FH</i>	Well Bore Size: 7 7/8
Total Anchor: 98.26	Surface Choke: 1"
Anchor Makeup	
Packer Sub: 1 FT	Bottom Choke: 5/8"
Perforations: (top): 3 FT <i>4 1/2-FH</i>	
Change Over: 1 FT	
Drill Pipe: (in anchor): 63.26 FT <i>ID-3 1/2</i>	
Change Over: 1 FT	
Perforations: (below): 29 FT <i>4 1/2-FH</i>	



**Company: RJM Oil Company,
Inc**

Lease: Ames Unit #16

SEC: 26 TWN: 18S RNG: 11W
County: BARTON
State: Kansas
Drilling Contractor: Southwind Drilling,
Inc - Rig 1
Elevation: 1764 GL
Field Name: Ames
Pool: Infield
Job Number: 546
API #: 15-009-26331

Operation:
Uploading recovery &
pressures

DATE
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**DST #1 Formation: L/KC "A-
F" Test Interval: 2990 - Total Depth: 3088'**
3088'

Time On: 03:33 01/15 Time Off: 12:15 01/15
Time On Bottom: 06:30 01/15 Time Off Bottom: 09:30 01/15

Mud Properties

Mud Type: Chemical **Weight:** 8.4 **Viscosity:** 60 **Filtrate:** 8.4 **Chlorides:** 6,500 ppm



Company: RJM Oil Company, Inc

Lease: Ames Unit #16

SEC: 26 TWN: 18S RNG: 11W
County: BARTON
State: Kansas
Drilling Contractor: Southwind Drilling, Inc - Rig 1
Elevation: 1764 GL
Field Name: Ames
Pool: Infield
Job Number: 546
API #: 15-009-26331

Operation:
Uploading recovery & pressures

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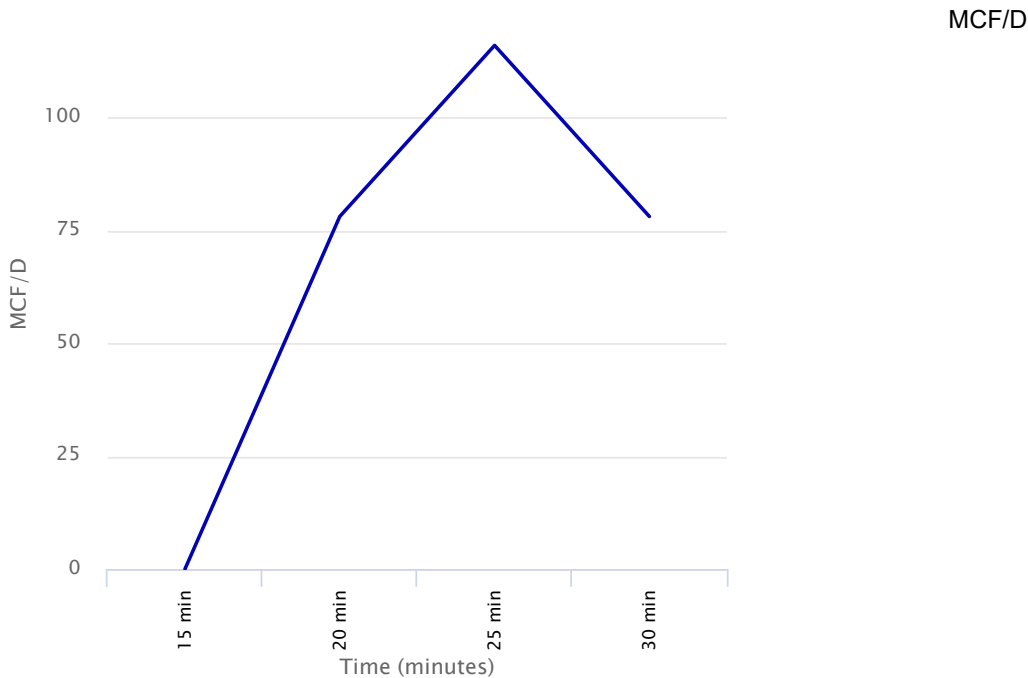
DST #1 **Formation: L/KC "A-F"** **Test Interval: 2990 - 3088'** **Total Depth: 3088'**
Time On: 03:33 01/15 Time Off: 12:15 01/15
Time On Bottom: 06:30 01/15 Time Off Bottom: 09:30 01/15

Gas Volume Report

Remarks: Gas to surface 14 min. Initialflow period.

1st Open			
Time	Orifice	PSI	MCF/D
15	0.50	Too weak to measure	Weak
20	0.50	2.0	78.1
25	0.50	5.0	116
30	0.50	5.0	78.1

2nd Open			
Time	Orifice	PSI	MCF/D
5	0.25	Too weak to measure	Weak
10	0.25	Too weak to measure	Weak
15	0.25	Too weak to measure	Weak
20	0.25	Too weak to measure	Weak
25	0.25	Too weak to measure	Weak
30	0.25	Too weak to measure	Weak
35	0.25	Too weak to measure	Weak
40	0.25	Too weak to measure	Weak
45	0.25	Too weak to measure	Weak





Company: RJM Oil Company, Inc

Lease: Ames Unit #16

SEC: 26 TWN: 18S RNG: 11W
County: BARTON
State: Kansas
Drilling Contractor: Southwind Drilling, Inc - Rig 1
Elevation: 1764 GL
Field Name: Ames
Pool: Infield
Job Number: 546
API #: 15-009-26331

Operation:
Uploading recovery & pressures

DATE
January
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DST #2 Formation: L/KC "G" Test Interval: 3092 - 3112' Total Depth: 3112'

Time On: 20:10 01/15 Time Off: 03:04 01/16
Time On Bottom: 21:51 01/15 Time Off Bottom: 00:51 01/16

Electronic Volume Estimate:
137'

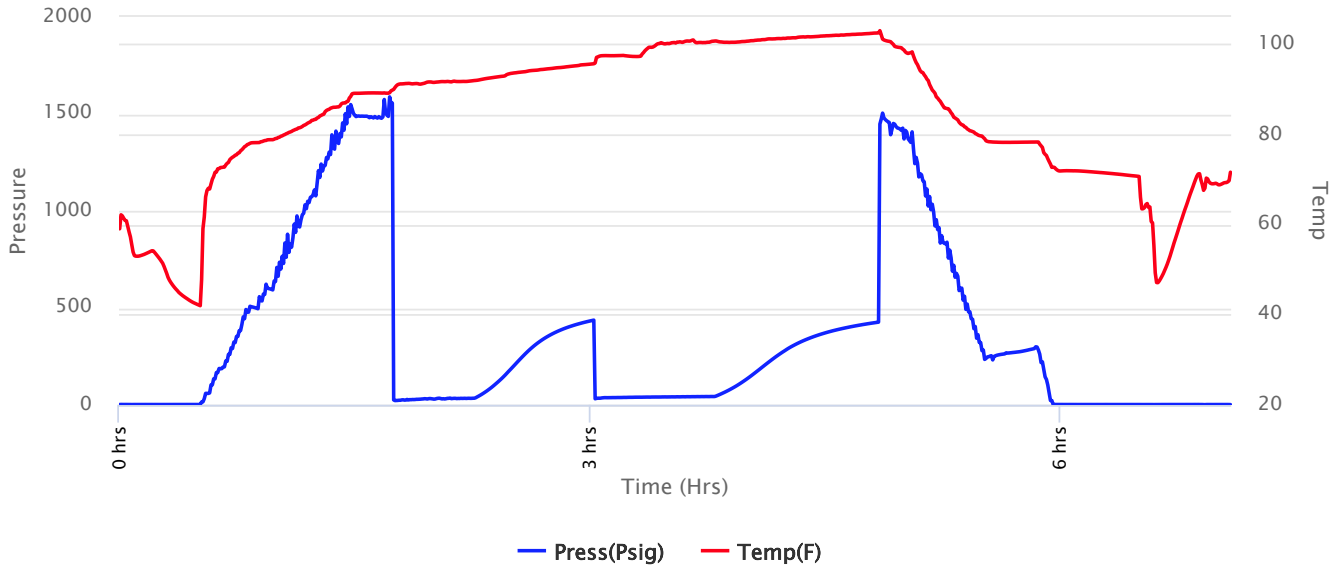
1st Open
Minutes: 30
Current Reading: 7.4" at 30 min
Max Reading: 7.4"

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

2nd Open
Minutes: 45
Current Reading: 9.8" at 45 min
Max Reading: 9.8"

2nd Close
Minutes: 60
Current Reading: 0" at 60 min
Max Reading: 0"

Inside Recorder





Company: RJM Oil Company, Inc

Lease: Ames Unit #16

SEC: 26 TWN: 18S RNG: 11W
 County: BARTON
 State: Kansas
 Drilling Contractor: Southwind Drilling, Inc - Rig 1
 Elevation: 1764 GL
 Field Name: Ames
 Pool: Infield
 Job Number: 546
 API #: 15-009-26331

Operation:
 Uploading recovery & pressures

DATE
 January
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 2022

DST #2 Formation: L/KC "G" Test Interval: 3092 - 3112' Total Depth: 3112'

Time On: 20:10 01/15 Time Off: 03:04 01/16
 Time On Bottom: 21:51 01/15 Time Off Bottom: 00:51 01/16

Recovered

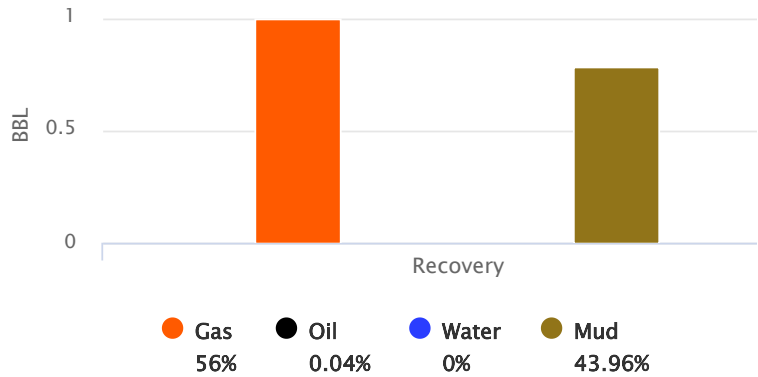
Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
70	0.9961	G	100	0	0	0
55	0.78265	M (trace O)	0	.1	0	99.9

Total Recovered: 125 ft
 Total Barrels Recovered: 1.77875

Reversed Out
 NO

Initial Hydrostatic Pressure	1487	PSI
Initial Flow	25 to 34	PSI
Initial Closed in Pressure	437	PSI
Final Flow Pressure	31 to 43	PSI
Final Closed in Pressure	427	PSI
Final Hydrostatic Pressure	1480	PSI
Temperature	103	°F
Pressure Change Initial Close / Final Close	2.4	%

Recovery at a glance



GIP cubic foot volume: 5.5926



**Company: RJM Oil Company,
Inc**

Lease: Ames Unit #16

SEC: 26 TWN: 18S RNG: 11W
County: BARTON
State: Kansas
Drilling Contractor: Southwind Drilling,
Inc - Rig 1
Elevation: 1764 GL
Field Name: Ames
Pool: Infield
Job Number: 546
API #: 15-009-26331

Operation:
Uploading recovery &
pressures

DATE
January
15
2022

DST #2 Formation: L/KC "G" Test Interval: 3092 - Total Depth: 3112'
3112'

Time On: 20:10 01/15 Time Off: 03:04 01/16
Time On Bottom: 21:51 01/15 Time Off Bottom: 00:51 01/16

BUCKET MEASUREMENT:

Diesel in Bucket

1st Open: Surface blow building to 7 3/4"

1st Close: 1/4" BB

2nd Open: 1 1/2" blow building to 10 3/4"

2nd Close: No BB

REMARKS:

Tool Sample: 0% Gas 1% Oil 0% Water 99% Mud



Company: RJM Oil Company, Inc

Lease: Ames Unit #16

SEC: 26 TWN: 18S RNG: 11W
County: BARTON
State: Kansas
Drilling Contractor: Southwind Drilling, Inc - Rig 1
Elevation: 1764 GL
Field Name: Ames
Pool: Infield
Job Number: 546
API #: 15-009-26331

Operation:
Uploading recovery & pressures

DATE
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DST #2 Formation: L/KC "G" Test Interval: 3092 - 3112' Total Depth: 3112'

Time On: 20:10 01/15 Time Off: 03:04 01/16
Time On Bottom: 21:51 01/15 Time Off Bottom: 00:51 01/16

Down Hole Makeup

Heads Up: 9.4900000000001 FT	Packer 1: 3087 FT
Drill Pipe: 3076.33 FT <i>ID-3 1/2</i>	Packer 2: 3092 FT
Weight Pipe: 0 FT <i>ID-2 7/8</i>	Top Recorder: 3079 FT
Collars: 0 FT <i>ID-2 1/4</i>	Bottom Recorder: 3094 FT
Test Tool: 26.16 FT <i>ID-3 1/2-FH</i>	Well Bore Size: 7 7/8
Total Anchor: 20	Surface Choke: 1"
Anchor Makeup	
Packer Sub: 1 FT	Bottom Choke: 5/8"
Perforations: (top): 0 FT <i>4 1/2-FH</i>	
Change Over: 0 FT	
Drill Pipe: (in anchor): 0 FT <i>ID-3 1/2</i>	
Change Over: 0 FT	
Perforations: (below): 19 FT <i>4 1/2-FH</i>	



**Company: RJM Oil Company,
Inc**

Lease: Ames Unit #16

SEC: 26 TWN: 18S RNG: 11W
County: BARTON
State: Kansas
Drilling Contractor: Southwind Drilling,
Inc - Rig 1
Elevation: 1764 GL
Field Name: Ames
Pool: Infield
Job Number: 546
API #: 15-009-26331

Operation:
Uploading recovery &
pressures

DATE
January
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2022

DST #2 Formation: L/KC "G" Test Interval: 3092 - Total Depth: 3112'
3112'

Time On: 20:10 01/15 Time Off: 03:04 01/16
Time On Bottom: 21:51 01/15 Time Off Bottom: 00:51 01/16

Mud Properties

Mud Type: Chemical **Weight:** 9.1 **Viscosity:** 59 **Filtrate:** 8.8 **Chlorides:** 7,000 ppm



Company: RJM Oil Company, Inc

Lease: Ames Unit #16

SEC: 26 TWN: 18S RNG: 11W
County: BARTON
State: Kansas
Drilling Contractor: Southwind Drilling, Inc - Rig 1
Elevation: 1764 GL
Field Name: Ames
Pool: Infield
Job Number: 546
API #: 15-009-26331

Operation:
Uploading recovery & pressures

DATE
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DST #2 Formation: L/KC "G" Test Interval: 3092 - 3112' Total Depth: 3112'
Time On: 20:10 01/15 Time Off: 03:04 01/16
Time On Bottom: 21:51 01/15 Time Off Bottom: 00:51 01/16

Gas Volume Report

1st Open			
Time	Orifice	PSI	MCF/D

2nd Open			
Time	Orifice	PSI	MCF/D



Company: RJM Oil Company, Inc

Lease: Ames Unit #16

SEC: 26 TWN: 18S RNG: 11W
County: BARTON
State: Kansas
Drilling Contractor: Southwind Drilling, Inc - Rig 1
Elevation: 1764 GL
Field Name: Ames
Pool: Infield
Job Number: 546
API #: 15-009-26331

Operation:
Uploading recovery & pressures

DATE
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DST #3 Formation: L/KC "H-J"
Test Interval: 3134 - 3190' Total Depth: 3190'

Time On: 12:24 01/16 Time Off: 18:38 01/16
Time On Bottom: 13:54 01/16 Time Off Bottom: 16:54 01/16

Electronic Volume Estimate:
30'

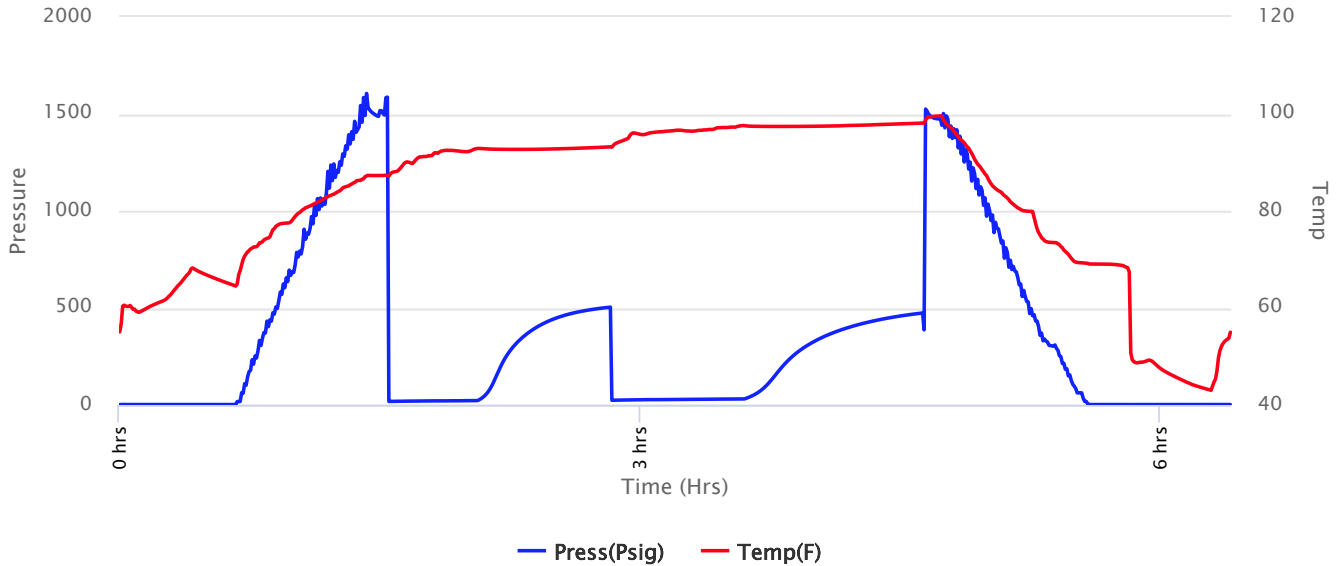
1st Open
Minutes: 30
Current Reading: 2.4" at 30 min
Max Reading: 2.4"

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

2nd Open
Minutes: 45
Current Reading: 1.3" at 45 min
Max Reading: 1.3"

2nd Close
Minutes: 60
Current Reading: 0" at 60 min
Max Reading: 0"

Inside Recorder





Company: RJM Oil Company, Inc

Lease: Ames Unit #16

SEC: 26 TWN: 18S RNG: 11W
County: BARTON
State: Kansas
Drilling Contractor: Southwind Drilling, Inc - Rig 1
Elevation: 1764 GL
Field Name: Ames
Pool: Infield
Job Number: 546
API #: 15-009-26331

Operation:
Uploading recovery & pressures

DATE
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2022

DST #3 **Formation: L/KC "H-J"** **Test Interval: 3134 - 3190'** **Total Depth: 3190'**

Time On: 12:24 01/16 Time Off: 18:38 01/16
Time On Bottom: 13:54 01/16 Time Off Bottom: 16:54 01/16

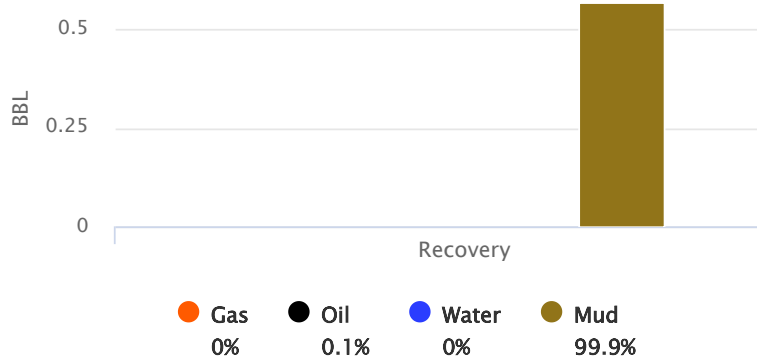
Recovered

Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
40	0.5692	M (trace O)	0	.1	0	99.9

Total Recovered: 40 ft
Total Barrels Recovered: 0.5692

Reversed Out
NO

Recovery at a glance



Initial Hydrostatic Pressure	1494	PSI
Initial Flow	18 to 23	PSI
Initial Closed in Pressure	504	PSI
Final Flow Pressure	24 to 30	PSI
Final Closed in Pressure	474	PSI
Final Hydrostatic Pressure	1492	PSI
Temperature	99	°F
Pressure Change Initial Close / Final Close	6.0	%

GIP cubic foot volume: 0



Company: RJM Oil Company, Inc

Lease: Ames Unit #16

SEC: 26 TWN: 18S RNG: 11W
County: BARTON
State: Kansas
Drilling Contractor: Southwind Drilling, Inc - Rig 1
Elevation: 1764 GL
Field Name: Ames
Pool: Infield
Job Number: 546
API #: 15-009-26331

Operation:
Uploading recovery & pressures

DATE
January
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2022

DST #3 **Formation: L/KC "H-J"** **Test Interval: 3134 - 3190'** **Total Depth: 3190'**
Time On: 12:24 01/16 Time Off: 18:38 01/16
Time On Bottom: 13:54 01/16 Time Off Bottom: 16:54 01/16

Down Hole Makeup

Heads Up: 30.56 FT	Packer 1: 3129.24 FT
Drill Pipe: 3139.64 FT <i>ID-3 1/2</i>	Packer 2: 3134.24 FT
Weight Pipe: 0 FT <i>ID-2 7/8</i>	Top Recorder: 3121.24 FT
Collars: 0 FT <i>ID-2 1/4</i>	Bottom Recorder: 3173 FT
Test Tool: 26.16 FT <i>ID-3 1/2-FH</i>	Well Bore Size: 7 7/8
Total Anchor: 55.76	Surface Choke: 1"
Anchor Makeup	
Packer Sub: 1 FT	Bottom Choke: 5/8"
Perforations: (top): 3 FT <i>4 1/2-FH</i>	
Change Over: 1 FT	
Drill Pipe: (in anchor): 31.76 FT <i>ID-3 1/2</i>	
Change Over: 1 FT	
Perforations: (below): 18 FT <i>4 1/2-FH</i>	



Company: RJM Oil Company, Inc

Lease: Ames Unit #16

SEC: 26 TWN: 18S RNG: 11W
County: BARTON
State: Kansas
Drilling Contractor: Southwind Drilling, Inc - Rig 1
Elevation: 1764 GL
Field Name: Ames
Pool: Infield
Job Number: 546
API #: 15-009-26331

Operation:
Uploading recovery & pressures

DATE
January
16
2022

DST #3 Formation: L/KC "H-J" Test Interval: 3134 - 3190' Total Depth: 3190'
Time On: 12:24 01/16 Time Off: 18:38 01/16
Time On Bottom: 13:54 01/16 Time Off Bottom: 16:54 01/16

Gas Volume Report

1st Open			
Time	Orifice	PSI	MCF/D

2nd Open			
Time	Orifice	PSI	MCF/D



Company: RJM Oil Company, Inc

Lease: Ames Unit #16

SEC: 26 TWN: 18S RNG: 11W
County: BARTON
State: Kansas
Drilling Contractor: Southwind Drilling, Inc - Rig 1
Elevation: 1764 GL
Field Name: Ames
Pool: Infield
Job Number: 546
API #: 15-009-26331

Operation:
Uploading recovery & pressures

DATE
January
17
2022

DST #4 Formation: Arbuckle Test Interval: 3321 - 3336' Total Depth: 3336'

Time On: 10:47 01/17 Time Off: 17:26 01/17
Time On Bottom: 12:24 01/17 Time Off Bottom: 15:39 01/17

Electronic Volume Estimate:
77'

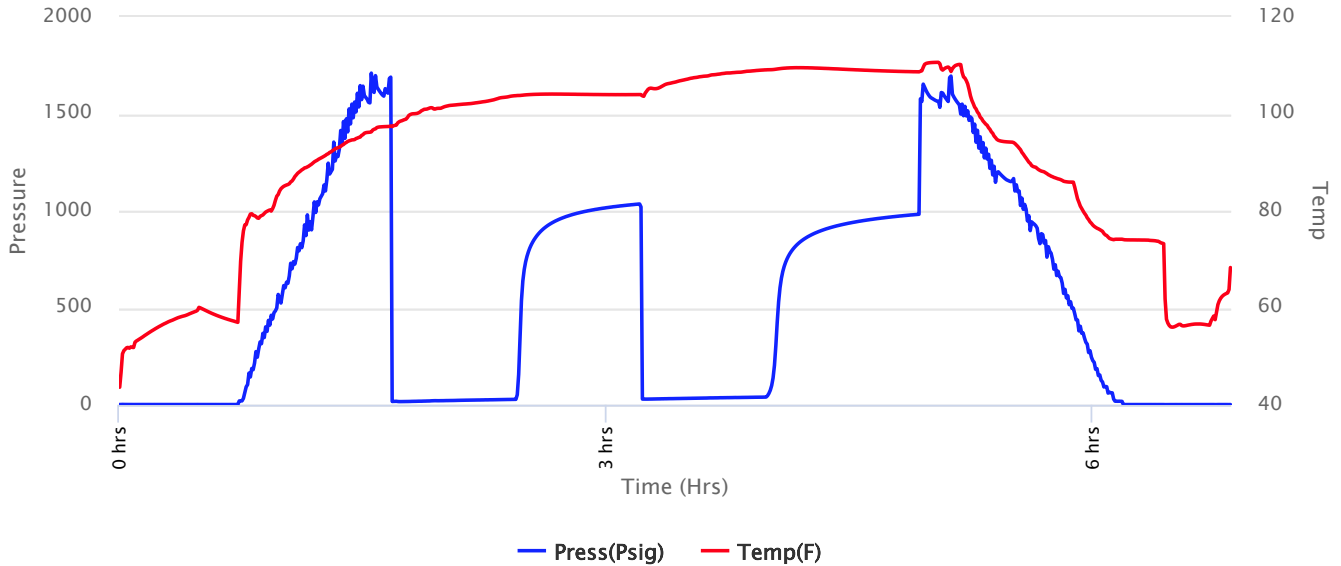
1st Open
Minutes: 45
Current Reading:
5.4" at 45 min
Max Reading: 5.4"

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

2nd Open
Minutes: 45
Current Reading:
3.5" at 45 min
Max Reading: 3.5"

2nd Close
Minutes: 60
Current Reading:
0" at 60 min
Max Reading: 0"

Inside Recorder





Company: RJM Oil Company, Inc

Lease: Ames Unit #16

SEC: 26 TWN: 18S RNG: 11W
County: BARTON
State: Kansas
Drilling Contractor: Southwind Drilling, Inc - Rig 1
Elevation: 1764 GL
Field Name: Ames
Pool: Infield
Job Number: 546
API #: 15-009-26331

Operation:
Uploading recovery & pressures

DATE
January
17
2022

DST #4 **Formation: Arbuckle** **Test Interval: 3321 - 3336'** **Total Depth: 3336'**

Time On: 10:47 01/17 Time Off: 17:26 01/17
Time On Bottom: 12:24 01/17 Time Off Bottom: 15:39 01/17

Recovered

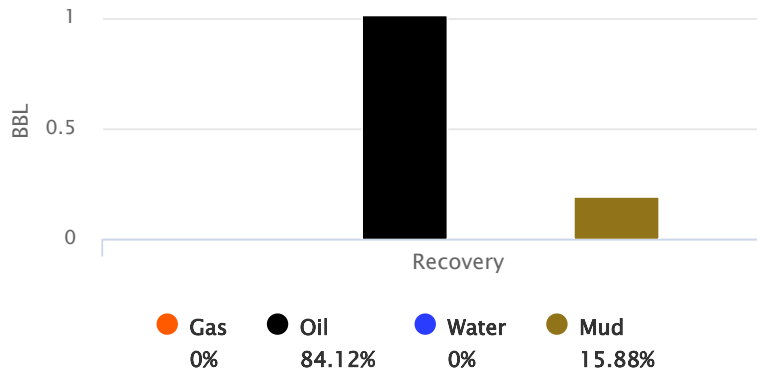
Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
55	0.78265	O	0	100	0	0
30	0.4269	HMCO	0	55	0	45

Total Recovered: 85 ft
Total Barrels Recovered: 1.20955

Reversed Out
NO

Initial Hydrostatic Pressure	1607	PSI
Initial Flow	18 to 29	PSI
Initial Closed in Pressure	1036	PSI
Final Flow Pressure	30 to 40	PSI
Final Closed in Pressure	983	PSI
Final Hydrostatic Pressure	1597	PSI
Temperature	110	°F
Pressure Change Initial Close / Final Close	5.1	%

Recovery at a glance



GIP cubic foot volume: 0



**Company: RJM Oil Company,
Inc**

Lease: Ames Unit #16

SEC: 26 TWN: 18S RNG: 11W
County: BARTON
State: Kansas
Drilling Contractor: Southwind Drilling,
Inc - Rig 1
Elevation: 1764 GL
Field Name: Ames
Pool: Infield
Job Number: 546
API #: 15-009-26331

Operation:
Uploading recovery &
pressures

DATE
January
17
2022

DST #4 Formation: Arbuckle Test Interval: 3321 - Total Depth: 3336'
3336'

Time On: 10:47 01/17 Time Off: 17:26 01/17
Time On Bottom: 12:24 01/17 Time Off Bottom: 15:39 01/17

BUCKET MEASUREMENT:

Diesel in Bucket

1st Open: Surface blow building to 5 1/2"

1st Close: No BB

2nd Open: Surface blow building to 4"

2nd Close: No BB

REMARKS:

Tool Sample: 0% Gas 68% Oil 0% Water 32% Mud

Gravity: 37 @ 60 °F



Company: RJM Oil Company, Inc

Lease: Ames Unit #16

SEC: 26 TWN: 18S RNG: 11W
County: BARTON
State: Kansas
Drilling Contractor: Southwind Drilling, Inc - Rig 1
Elevation: 1764 GL
Field Name: Ames
Pool: Infield
Job Number: 546
API #: 15-009-26331

Operation:
Uploading recovery & pressures

DATE
January
17
2022

DST #4 **Formation: Arbuckle** **Test Interval: 3321 - 3336'** **Total Depth: 3336'**
Time On: 10:47 01/17 Time Off: 17:26 01/17
Time On Bottom: 12:24 01/17 Time Off Bottom: 15:39 01/17

Down Hole Makeup

Heads Up: 34.53 FT	Packer 1: 3316 FT
Drill Pipe: 3330.37 FT <i>ID-3 1/2</i>	Packer 2: 3321 FT
Weight Pipe: 0 FT <i>ID-2 7/8</i>	Top Recorder: 3308 FT
Collars: 0 FT <i>ID-2 1/4</i>	Bottom Recorder: 3323 FT
Test Tool: 26.16 FT <i>ID-3 1/2-FH</i>	Well Bore Size: 7 7/8
Total Anchor: 15	Surface Choke: 1"
<u>Anchor Makeup</u>	
Packer Sub: 1 FT	Bottom Choke: 5/8"
Perforations: (top): 0 FT <i>4 1/2-FH</i>	
Change Over: 0 FT	
Drill Pipe: (in anchor): 0 FT <i>ID-3 1/2</i>	
Change Over: 0 FT	
Perforations: (below): 14 FT <i>4 1/2-FH</i>	



**Company: RJM Oil Company,
Inc**

Lease: Ames Unit #16

SEC: 26 TWN: 18S RNG: 11W
County: BARTON
State: Kansas
Drilling Contractor: Southwind Drilling,
Inc - Rig 1
Elevation: 1764 GL
Field Name: Ames
Pool: Infield
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Operation:
Uploading recovery &
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DATE
January
17
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DST #4 Formation: Arbuckle Test Interval: 3321 - Total Depth: 3336'
3336'

Time On: 10:47 01/17 Time Off: 17:26 01/17
Time On Bottom: 12:24 01/17 Time Off Bottom: 15:39 01/17

Mud Properties

Mud Type: Chemical **Weight:** 9.3 **Viscosity:** 49 **Filtrate:** 11.2 **Chlorides:** 15,000 ppm

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. 2649

Date	Sec.	Twp.	Range	County	State	On Location	Finish
1-18-22	26	18	11	Barton	KS		11:15 AM

Lease Ames unit
Well No. 16
Location Clifton - 55 to 60 Rd, 114 E
Owner M. Info

Contractor Southwind #1
Type Job Longstring
Hole Size 7 7/8"
Csg. 5 1/2" 15.50#

To Quality Oilwell Cementing, Inc.
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.
Charge To RSM Company

T.D. 3336'
Depth 3318.80'
Tbg. Size
Depth
City
State

Tool
Depth
Cement Left in Csg. 16.59'
Shoe Joint 16.59'
Cement Amount Ordered 180 Com 10% Salt 5% Gibbsite

Meas Line Displace 78 1/2 BLS
500 gal mud Clear 48
EQUIPMENT
Common 180

Pumptrk 16	No.	Cementer	David	Poz. Mix
Bulktrk 14	No.	Driver	Douglas	Gel.
Bulktrk P.U.	No.	Driver	Rick	Calcium

JOB SERVICES & REMARKS
Remarks:
Salt 14

Rat Hole 30 SX
Mouse Hole 15 SX
Centralizers 1-9
Flowseal
Kol-Seal 750#

Baskets 2+6
Mud CLR 48 500 gal
CFL-117 or CD110 CAF 38

D/V or Port Collar pipe on bottom break
Sand
Circulation Pump 500 gal mud
Clear 48. Plug Rathole + Mousehole
Handling 201
Hook to 5 1/2" Casting + mix 145 SX
Mileage

Cement. Shut down wash pump
+ lines Released plug + Displaced
w/ 78 1/2 BLS of H2O. Released + held
FLOAT EQUIPMENT

Lift pressure 700 #
Guide Shoe
Centralizer 9
Baskets 2

Land plug to 1500 #
AFU Inserts
Float Shoe 1
Latch Down 1

Rotating head

Pumptrk Charge procl
Mileage 23

Signature Jay Innes
Tax
Discount
Total Charge

Thanks

GENERAL TERMS AND CONDITIONS

DEFINITIONS: In these terms and conditions, "Quality" shall mean Quality Oilwell Cementing, Inc., and "Customer" shall refer to the party identified by that term on the front of this contract. As applicable, "Job" relates to the services described on the front side of this contract, "merchandise" refers to the material described on the front of this contract and to any other materials, products, or supplies used, sold, or furnished under the requirements of this contract.

- TERMS: Unless satisfactory credit has been established, "CUSTOMER" must tender full cash payment to "QUALITY" before the job is undertaken or merchandise is delivered. If satisfactory credit has been established, the terms of payment for the job and/or merchandise, including bulk cement, are net cash, payable in 30 days from the completion of the job and/or delivery of the merchandise. For all past due invoices, "CUSTOMER" agrees to pay interest on amounts invoiced at a rate of 18 percent per annum until paid. Notwithstanding the foregoing in no event shall this Contract provide for interest exceeding the maximum rate of interest that "CUSTOMER" may agree to pay under applicable law. If any such interest should be provided for, it shall be and hereby is deemed to be a mistake, and this contract shall be automatically reformed to lower the rate of interest to the maximum legal contract rate, any amounts previously paid as *excess interest shall be deducted* from the amounts owing from the "CUSTOMER" or at the option of "QUALITY," refunded directly to "CUSTOMER." For purposes of this paragraph, QUALITY and CUSTOMER agree that KANSAS law shall apply. Any discounts granted with this contract are null and void if the charges are not paid when due.

- ATTORNEY FEES: In any legal action or proceeding between the parties to enforce any of the terms of this Service Contract, or in any way pertaining to the term of this Contract, the prevailing party shall be entitled to recover all expenses, including, but not limit to, a reasonable sum as and attorney's fees.

- PRICES AND TAXES: All merchandise listed in "QUALITY'S" current price schedule are F.O.B. QUALITY'S local station and are subject to change without notice. All prices are exclusive of any federal, state, local, or special taxes for the sale or use of the merchandise or services listed. The amount of taxes required to be paid by QUALITY shall be added to the quoted prices charged to CUSTOMER.

- TOWING CHARGES: QUALITY will make a reasonable attempt to get to and from each job site using its own equipment. Should QUALITY be unable to do so because of poor or inadequate road conditions, and should it become necessary to employ a tractor or other pulling equipment to get to or from the job site, the tractor or pulling equipment will be supplied by CUSTOMER or, if furnished by QUALITY, will be charged to and paid by CUSTOMER.

- PREPARATION CHARGES: If a job and/or merchandise is ordered and CUSTOMER cancels the order after preparation of a chemical solution or other material, CUSTOMER will pay QUALITY for the expenses incurred by QUALITY as a result of the cancellation.

- DEADHAUL CHARGES: Unless otherwise specified on the front of this Contract, a deadhaul charges as set forth in QUALITY'S current price book will be charged each way for each service unit which is ordered by CUSTOMER but not used.

- SERVICE CONDITIONS AND LIABILITIES: 1. QUALITY carries public liability and property damage insurance, but since there are so many uncertain and unknown conditions beyond QUALITY'S control, QUALITY shall not be liable for injuries to property or persons or for loss or damage arising from the performance of the job or delivery of the merchandise. Customer shall be responsible for and indemnify, defend, and hold harmless QUALITY, its officers, agents and employees, from and against any and all claims or suits for:

(A) Damage to property or for bodily injury, sickness, disease, or death, brought by any person, including CUSTOMER and/or the well owner; and:

(B) Oil spills, pollution, surface or sub-surface damage, injury to the well, reservoir loss, or damage arising from a well-blowout arising out of or in connection with QUALITY'S performance of the job or furnishing of merchandise in accordance with this contract, unless such loss or damage is caused by the willful misconduct or gross negligence of QUALITY or its employees.

2. With respect to any of QUALITY'S tools, equipment, or instruments which are lost in the well or damaged when performing or attempting to perform the job or, in the case of marine operations, are lost or damaged at any time after delivery to the landing for CUSTOMER and before return to QUALITY at the landing, CUSTOMER shall either recover the lost item without cost to QUALITY or reimburse QUALITY the current replacement cost of the item unless the loss or damage results from the sole negligence of QUALITY or its employees.

3. QUALITY does not assume any liability or responsibility for damages or conditions resulting from chemical action in cements caused by contamination of water or other fluids.

WARRANTIES: 1. QUALITY warrants all merchandise manufactured or furnished by it to be free from defects in material and workmanship under normal use and service when installed, and used, and/or serviced in the manner provided and intended. QUALITY'S obligation under this warranty is expressly limited to repair replacement, or allowance for credit, at its option, for any merchandise which is determined by QUALITY to be defective. THIS IS THE SOLE WARRANTY OF QUALITY AND NO OTHER WARRANTY IS APPLICABLE, EITHER EXPRESS OR OTHERWISE IMPLIED, IN FACT OR IN LAW, INCLUDING ANY WARRANTY AS TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE, CUSTOMER'S sole and only remedy with regard to any defective merchandise shall be the repair or replacement thereof or allowance for credit as herein provided, and QUALITY shall not be liable for any consequential, special, incidental, or punitive damages resulting from or caused by defective materials, products or supplies.

2. More specifically:

(A) Nothing in this contract shall be construed as a warranty by QUALITY of the success or the effectiveness of the result of any work done or merchandise used, sold, or furnished under this contract.

(B) Nothing in this contract shall be construed as a warranty of the accuracy or correctness of any facts, information, or data furnished by QUALITY or any interpretation of test, meter readings, chart information, analysis or research, or recommendations made by QUALITY, unless the inaccuracy or incorrectness is caused by the willful misconduct or gross negligence of QUALITY or its employees in the preparation or furnishing of such facts, information or data. (C) Work done by QUALITY shall be under the direct supervision and control of the CUSTOMER or his agent and QUALITY will accomplish the job as an independent contractor and not as an employee or agent of the CUSTOMER.

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. 2647

Date	1-11-22	Sec.	26	Twp.	18	Range	11	County	Barton	State	Ks	On Location		Finish	9:15 PM
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Location Claffin - 55 to 60 Rd, 1/4 E

Lease Ames Well No. 16 Owner N/Intro

Contractor Southwind #1
Type Job Surface
To Quality Oilwell Cementing, Inc. 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 1/4" T.D. 268' Charge To RJM Company

Csg. 8 5/8" Depth 267' Street _____

Tbg. Size _____ Depth _____ City _____ State _____

Tool _____ Depth _____ The above was done to satisfaction and supervision of owner agent or contractor.

Cement Left in Csg. 15' Shoe Joint 15' Cement Amount Ordered 180 60/40 4% CC 2 1/8 Gel

Meas Line _____ Displace 16 Bls

EQUIPMENT
Common 110

Pumptrk <u>16</u> No.	Cementer Helper <u>Jordan</u>	Poz. Mix <u>70</u>
Bulktrk <u>14</u> No.	Driver <u>Doug Clayton</u>	Gel. <u>3</u>
Bulktrk <u>p.u.</u> No.	Driver <u>Rick</u>	Calcium <u>8</u>

JOB SERVICES & REMARKS
Remarks: Cement did Circulate

Hulls _____ Salt _____

Rat Hole _____ Flowseal _____

Mouse Hole _____ Kol-Seal _____

Centralizers _____ Mud CLR 48 _____

Baskets _____ CFL-117 or CD110 CAF 38 _____

D/V or Port Collar _____ Sand _____

Handling 191 Mileage _____

FLOAT EQUIPMENT

Guide Shoe _____

Centralizer _____

Baskets _____

AFU Inserts _____

Float Shoe _____

Latch Down _____

Pumptrk Charge Surface

Mileage 23

Signature Frank J. Lane Tax _____ Discount _____ Total Charge _____

Thanks

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