

Confidentiality Requested:

☒ Yes ☐ NoKANSAS 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 # 30458

Name: RJM Company

Address 1: PO BOX 256

Address 2:

City: CLAFLIN State: KS Zip: 67525 + 0256

Contact Person: Karl Miller

Phone: (620) 588-3910

CONTRACTOR: License # 33350

Name: Southwind Drilling, Inc.

Wellsite Geologist: Jim Musgrove

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 #:

4/18/2024 4/23/2024 5/1/2024

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

API No.: 15-009-26415-00-00

Spot Description:

SE - SE - NE - NE Sec. 34 Twp. 18 S. R. 11 ☐ East ☒ West1150 Feet from ☒ North / ☐ South Line of Section225 Feet from ☒ East / ☐ West Line of Section

Footages Calculated from Nearest Outside Section Corner:

☒ NE ☐ NW ☐ SE ☐ SW

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

Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84

County: Barton

Lease Name: AMES UNIT Well #: 17

Field Name: Ames

Producing Formation: Arbuckle

Elevation: Ground: 1771 Kelly Bushing: 1781

Total Vertical Depth: 3325 Plug Back Total Depth:

Amount of Surface Pipe Set and Cemented at: 256 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: 38000 ppm Fluid volume: 700 bbls

Dewatering method used: Evaporated

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: 05/07/2024

☐ Confidential Release Date: 05/07/2026☒ Wireline Log Received ☒ Drill Stem Tests Received☒ Geologist Report / Mud Logs Received☐ UIC DistributionALT ☒ I ☐ II ☐ III Approved by: Kelsey Cox Date: 05/07/2024

Operator Name: RJM Company Lease Name: AMES UNIT Well #: 17
 Sec. 34 Twp. 18 S. R. 11 ☐ East ☒ West County: Barton

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 ☒ Yes ☐ No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey ☒ Yes ☐ No Cores Taken ☐ Yes ☒ No Electric Log Run ☒ Yes ☐ No Geologist Report / Mud Logs ☒ Yes ☐ No List All E. Logs Run: CDL/CNL MEL DIL	☐ Log Formation (Top), Depth and Datum ☒ Sample <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Name</th> <th style="text-align: left;">Top</th> <th style="text-align: left;">Datum</th> </tr> </thead> <tbody> <tr> <td>Heebner</td> <td>-1100</td> <td>KB</td> </tr> <tr> <td>Douglas</td> <td>-1132</td> <td>KB</td> </tr> <tr> <td>Brown Lime</td> <td>-1215</td> <td>KB</td> </tr> <tr> <td>Lansing</td> <td>-1230</td> <td>KB</td> </tr> <tr> <td>BKC</td> <td>-1469</td> <td>KB</td> </tr> <tr> <td>Arbuckle</td> <td>-1524</td> <td>KB</td> </tr> </tbody> </table>	Name	Top	Datum	Heebner	-1100	KB	Douglas	-1132	KB	Brown Lime	-1215	KB	Lansing	-1230	KB	BKC	-1469	KB	Arbuckle	-1524	KB
Name	Top	Datum																				
Heebner	-1100	KB																				
Douglas	-1132	KB																				
Brown Lime	-1215	KB																				
Lansing	-1230	KB																				
BKC	-1469	KB																				
Arbuckle	-1524	KB																				

CASING RECORD ☒ New ☐ 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
Surface	12.25	8.625	20	256	common	180	60/40 4% cc 2% gel
Production	7.875	5.5	15.5	3310	common	180	10% salt 5% gilsonite

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
☐ Perforate	-			
☐ Protect Casing				
☐ Plug Back TD				
☐ 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: <u>5/1/2024</u>		Producing Method: ☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (Explain) _____			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: ☐ Vented ☐ Sold ☐ Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: ☒ Open Hole ☐ Perf. ☐ Dually Comp. ☐ Commingled <i>(Submit ACO-5) (Submit ACO-4)</i>	PRODUCTION INTERVAL: Top <u>3310</u> Bottom <u>3325</u>
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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:					

Form	ACO1 - Well Completion
Operator	RJM Company
Well Name	AMES UNIT 17
Doc ID	1776650

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	12.25	8.625	20	256	common	180	60/40 4% cc 2% gel
Production	7.875	5.5	15.5	3310	common	180	10% salt 5% gilsonite

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 #17
 Location: 34-18s-11w SE-SE-NE-NE
 API: 15-009-26415-00-00
 Pool:
 State: Kansas

Field: Ames
 Country: USA



Scale 1:240 Imperial

Well Name: Ames Unit #17
 Surface Location: 34-18s-11w SE-SE-NE-NE
 Bottom Location:
 API: 15-009-26415-00-00
 License Number: 30458
 Spud Date: 4/18/2024 Time: 12:00 AM
 Region: Barton
 Drilling Completed: 4/23/2024 Time: 12:00 AM
 Surface Coordinates: 1150' FNL & 225' FEL
 Bottom Hole Coordinates:
 Ground Elevation: 1771.00ft
 K.B. Elevation: 1781.00ft
 Logged Interval: 2700.00ft To: 3324.00ft
 Total Depth: 3325.00ft
 Formation: Arbuckle
 Drilling Fluid Type: Chemical/Fresh Water Gel

CASING SUMMARY

	Surface	Intermediate	Main		
Bit Size					
Hole Size					
	Size	Set At	Type	# of Joints	Drilled Out At
Surf Casing	8 5/8" in	250' ft			
Int Casing					
Prod Casing	5 1/2" in	3308 ft			

CASING SEQUENCE

Type	Hole Size	Casing Size	At
	0.00 in	0.00	0.00 ft

OPEN HOLE LOGS

Logging Company: ELI
 Logging Engineer: Jeff Luebbers
 Truck #:
 Logging Date:
 # Logs Run: 0

Time Spent:
 # Logs Run Successful: 0

LOGS RUN

Tool	Logged Interval	Logged Interval	Hours	Remarks	Run #
	0.00ft	0.00ft	0.00		0

LOGGING OPERATION SUMMARY

Date	From	To	Description Of Operation
12/5/2007	0.00ft	0.00ft	

SURFACE CO-ORDINATES

Well Type: Vertical
Longitude:
Latitude:
N/S Co-ord: 1150' FNL
E/W Co-ord: 225' FEL

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 Inc.
Rig #: 1
Rig Type: mud rotary
Spud Date: 4/18/2024
TD Date: 4/23/2024
Rig Release:

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

ELEVATIONS

K.B. Elevation: 1781.00ft Ground Elevation: 1771.00ft
K.B. to Ground: 10.00ft

NOTES

RECOMMENDATIONS:

5 1/2" production casing was set and cemented on the RJM Oil Company; Ames Unit #17.

Respectfully Submitted,

James C Musgrove
Petroleum Geologist

well comparison sheet

Formation	AMES UNIT #17				ISERN #1				FEIST C #1			
	RJM COMPANY				RAYMOND OIL CO				RAYMOND OIL CO			
	SE-SE-NE-NE				E2-NE-NE				SW-NW-NW			
	34-18s-11w				34-18s-11w				35-18s-11w			
	1781 KB				1776 KB		Relationship		1775 KB		Structural Relationship	
	Samples	Sub-Sea	Sample	Sub-Sea	Log	Sub-Sea	Sample	Log	Log	Sub-Sea	Sample	Log
Anhydrite	550	1231							547	1228		3
Base Anhydrite	577	1204										
Heebner	2881	-1100			2880	-1104		4	2873	-1098		-2
Toronto	2902	-1121			2902	-1126		5	2890	-1115		-6
Douglas	2913	-1132			2903	-1127		-5				
Brown Limestone	2996	-1215			2994	-1218		2	2984	-1206		9

Brown Lime	2996	-1215			2994	-1216	3	2991	-1206		-9
Lansing	3011	-1230			3010	-1234	4	2998	-1223		-7
Base Kansas City	3250	-1469			3250	-1474	5	3240	-1465		-4
Conglomerate	3269	-1488									
Arbuckle	3305	-1524			3304	-1528	4	3303	-1528		4
Rotary Total Depth	3325	-1544			3341	-1565	21	3330	-1555		11
Log Total Depth	3324	-1543			3341	-1565	22	3330	-1555		12



Company: RJM Oil Company, Inc

Lease: Ames Unit #17

SEC: 34 TWN: 18S RNG: 11W
County: BARTON
State: Kansas
Drilling Contractor: Southwind Drilling, Inc - Rig 3
Elevation: 1771 GL
Field Name: Ames
Pool: Infield
Job Number: 725
API #: 15-009-26415

Operation:

Test Complete

DATE

April
21
2024

DST #1 Formation: Lansing "A-F" Test Interval: 3004 - 3094' Total Depth: 3094'

Time On: 23:15 04/21 Time Off: 05:36 04/22
Time On Bottom: 00:31 04/22 Time Off Bottom: 03:46 04/22

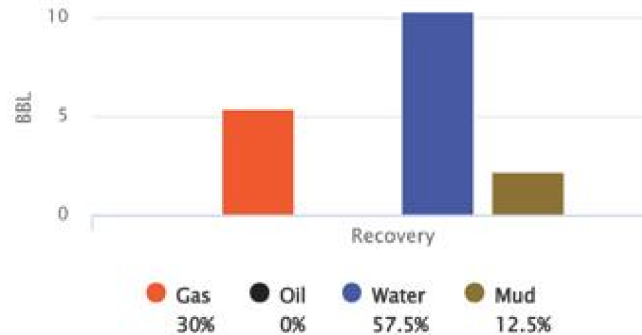
Recovered

Foot	BBLS	Description of Fluid	Gas %	Oil %	Water %	Mud %
378	5.37894	G	100	0	0	0
315	4.48245	HMCW	0	0	50	50
567	8.06841	W	0	0	100	0

Total Recovered: 1260 ft
Total Barrels Recovered: 17.9298

Reversed Out
NO

Recovery at a glance



Initial Hydrostatic Pressure	1477	PSI
Initial Flow	40 to 252	PSI
Initial Closed in Pressure	1082	PSI
Final Flow Pressure	253 to 419	PSI
Final Closed in Pressure	1082	PSI
Final Hydrostatic Pressure	1384	PSI
Temperature	115	°F
Pressure Change Initial Close / Final Close	0.0	%

GIP cubic foot volume: 30.20006



Company: RJM Oil Company, Inc

Lease: Ames Unit #17

SEC: 34 TWN: 18S RNG: 11W
County: BARTON
State: Kansas
Drilling Contractor: Southwind Drilling, Inc - Rig 1
Elevation: 1771 GL
Field Name: Ames
Pool: Infield
Job Number: 725
API #: 15-009-26415

Operation:

Test Complete

DATE

April
22
2024

DST #2 Formation: Lansing "J-M" Test Interval: 3179 - 3274' Total Depth: 3274'

Time On: 21:17 04/22 Time Off: 03:55 04/23
Time On Bottom: 23:28 04/22 Time Off Bottom: 02:28 04/23

Recovered

Foot	BBLS	Description of Fluid	Gas %	Oil %	Water %	Mud %
1000	14.23	G	100	0	0	0

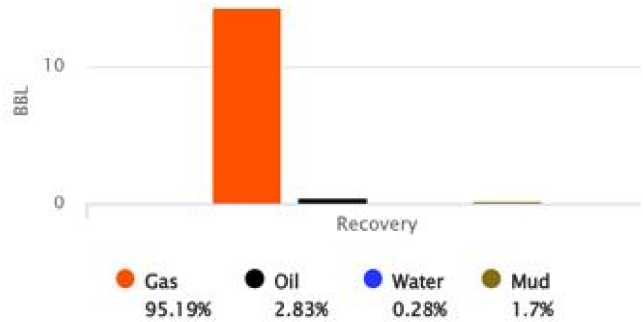
Total Recovered: 1060 ft
Total Barrels Recovered: 15.0838

Reversed Out
NO

Initial Hydrostatic Pressure	1592	PSI
Initial Flow	14 to 25	PSI
Initial Closed in Pressure	235	PSI
Final Flow Pressure	21 to 28	PSI
Final Closed in Pressure	183	PSI
Final Hydrostatic Pressure	1532	PSI
Temperature	106	°F

Pressure Change Initial
Close / Final Close 22.1 %

Recovery at a glance



GIP cubic foot volume: 80.61338



Operation:

Test Complete

Company: RJM Oil Company, Inc

Lease: Ames Unit #17

SEC: 34 TWN: 18S RNG: 11W
County: BARTON
State: Kansas
Drilling Contractor: Southwind Drilling, Inc - Rig 1
Elevation: 1771 GL
Field Name: Ames
Pool: Infield
Job Number: 725
API #: 15-009-26415

DATE

April
23
2024

DST #3 Formation: Arbuckle Test Interval: 3310 - 3325' Total Depth: 3325'

Time On: 12:20 04/23 Time Off: 18:45 04/23
Time On Bottom: 13:45 04/23 Time Off Bottom: 17:00 04/23

Recovered

Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
30	0.4269	HOCW	0	40	60	0
440	6.2612	OCGCW	20	20	60	0
567	8.06841	SLOCSLGCW	5	5	90	0

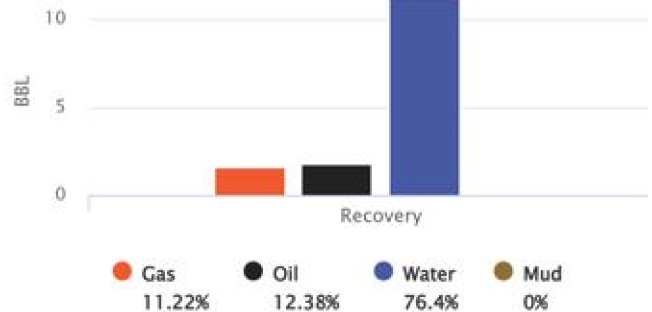
Total Recovered: 1037 ft
Total Barrels Recovered: 14.75651

Reversed Out
NO

Initial Hydrostatic Pressure	1693	PSI
Initial Flow	16 to 267	PSI
Initial Closed in Pressure	1078	PSI
Final Flow Pressure	267 to 463	PSI
Final Closed in Pressure	1075	PSI
Final Hydrostatic Pressure	1593	PSI
Temperature	123	°F

Pressure Change Initial
Close / Final Close 0.2 %

Recovery at a glance



GIP cubic foot volume: 9.29571

ROCK TYPES

Congl	Lmst fw7>	Carbon Sh	Sltst
Chtcong	shale, grn	shale, red	
Dolprim	shale, gry	Ss	

OTHER SYMBOLS

INTERVALS

■ Core

· DST

Oil Show

● Good Show

● Fair Show

● Poor Show

○ Spotted or Trace

○ Questionable Stn

D Dead Oil Stn

■ Fluorescence

* Gas

DST

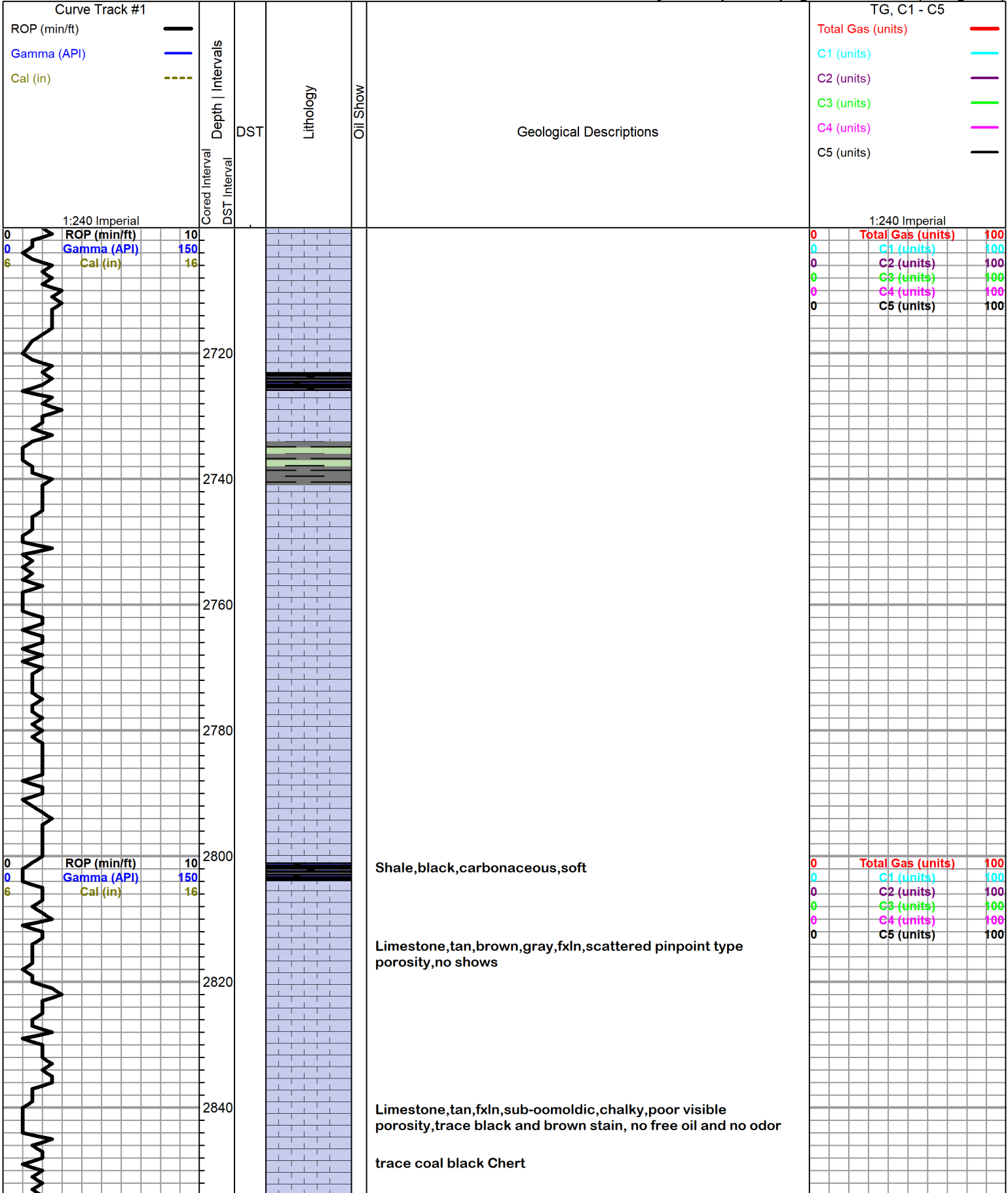
■ DST Int

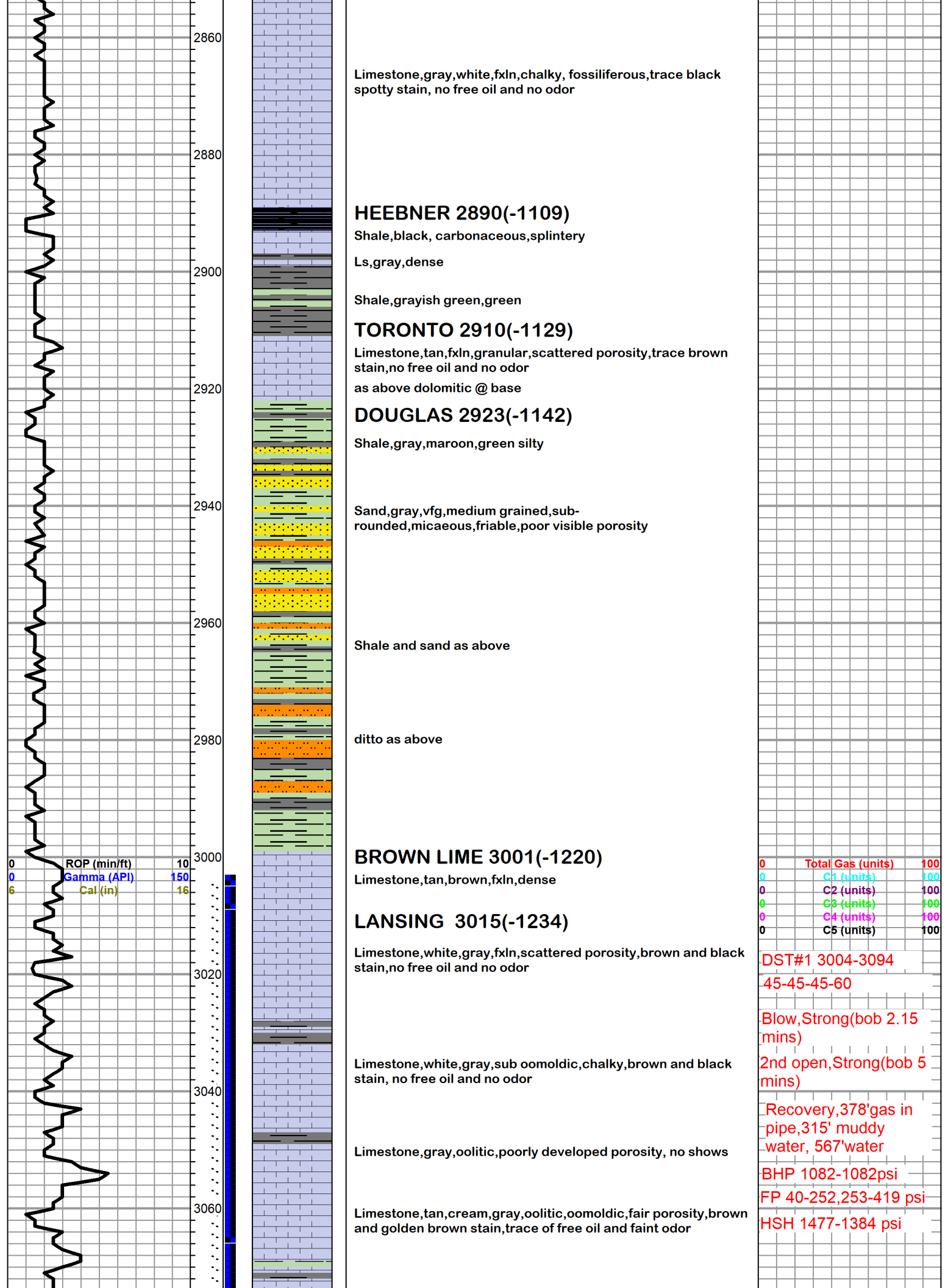
■ DST alt

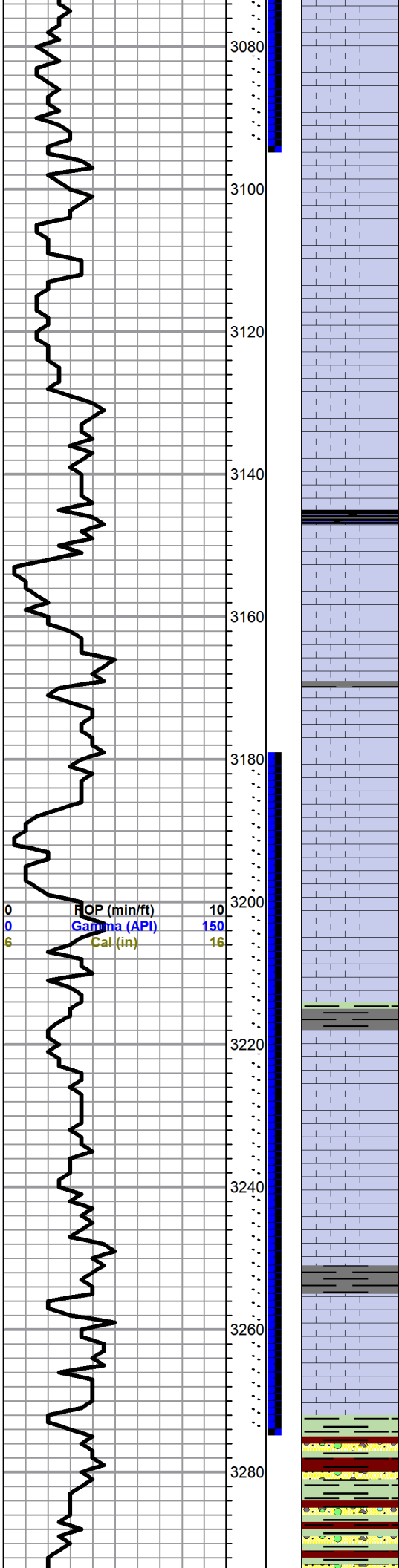
■ Core

|| tail pipe

Printed by GEOstrip VC Striplog version 4.0.8.15 (www.grsi.ca)







Limestone,white,gray,fxln,oolitic,fair porosity,brown stain, no free oil and no odor

Limestone,white,gray,oomoldic,fair oomoldic porosity,trace gray and black stain, no free oil and no odor

Limestone,white,gray,oolitic,oomoldic, fair oomoldic porosity,no shows

Limestone,gray,white, dense

Shale,black,carbonaceous

Limestone,white,gray, oomoldic,good oomoldic porosity, (barren)

Limestone,gray,sparry calcite cement, poor visible porosity, no shows

Limestone,tan,gray,oomoldic,fair to good oomoldic porosity,fair spotted stain to even stain and saturation, show of free gassy oil and faint odor

Limestone,gray,white,dense

Shale,gray,black,green

Limestone,white,cream,oolitic,chalky,scattered porosity,brown to golden brown stain and saturation,show of free oil and faint odor

Limestone,white,gray,chalky, dense

Limestone,white,gray,cream,fxln,oolitic/fossiliferous,fair porosity,brown and dark brown stain,show of free oil and faint odor

BASE KANSAS CITY 3250

Shale,gray,green,soft

Limestone,white,gray,fossiliferous,chalky,trace poor brown spottedd stain, no free oil and no odor

CONGLOMERATE 3271(-1490)

Shale,gray,grayish green,maroon,brick red,silty to blocky, with trace chert,yellow,white

ditto as above

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

DST #2 3179-3274

45-45-45-45

Blow,Strong(bob 3 1/2 mins)

2nd Open,Strong(bob 45 secs)

Recovery, 1000'gas in pipe,60'heavily oil cut mud, trace of water (15%gas,50%oil,30% mud,5%water)

BHP 235-183 psi

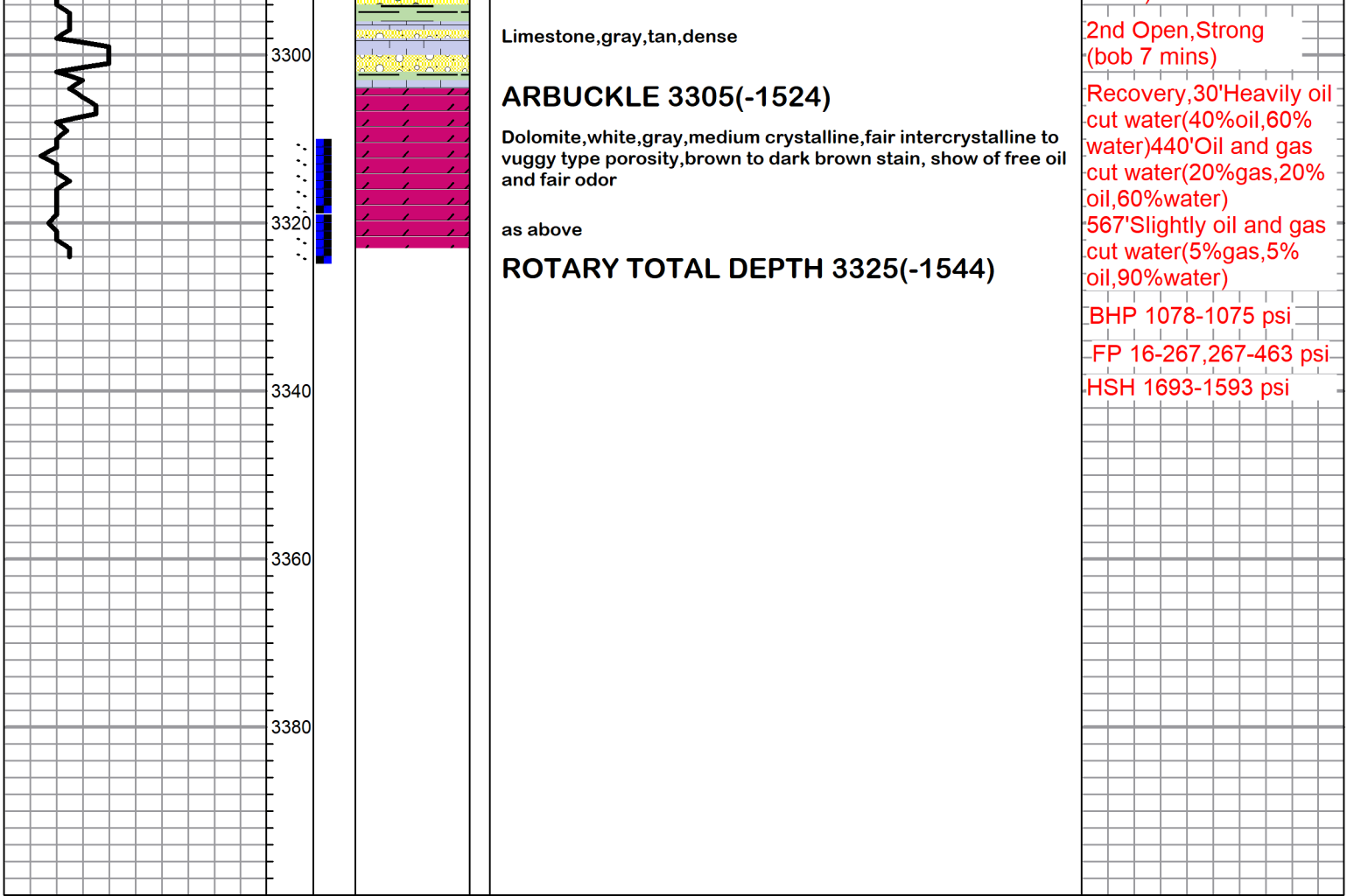
FP 14-25,21-28 psi

HSH 1592-1532 psi

DST#3 3310-3325

45-45-60-60

Blow,Strong(bob 5 1/2 mins)



Limestone, gray, tan, dense

ARBUCKLE 3305(-1524)

Dolomite, white, gray, medium crystalline, fair intercrystalline to vuggy type porosity, brown to dark brown stain, show of free oil and fair odor

as above

ROTARY TOTAL DEPTH 3325(-1544)

2nd Open, Strong (bob 7 mins)

Recovery, 30' Heavily oil cut water (40% oil, 60% water) 440' Oil and gas cut water (20% gas, 20% oil, 60% water) 567' Slightly oil and gas cut water (5% gas, 5% oil, 90% water)

BHP 1078-1075 psi

FP 16-267, 267-463 psi

HSH 1693-1593 psi



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Test Complete

SEC: 34 TWN: 18S RNG: 11W
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Inc - Rig 3
Elevation: 1771 GL
Field Name: Ames
Pool: Infield
Job Number: 725
API #: 15-009-26415

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April

21

2024

DST #1

Formation: Lansing
"A-F"

Test Interval: 3004 -
3094'

Total Depth: 3094'

Time On: 23:15 04/21

Time Off: 05:36 04/22

Time On Bottom: 00:31 04/22

Time Off Bottom: 03:46 04/22

Electronic Volume
Estimate:
1744'

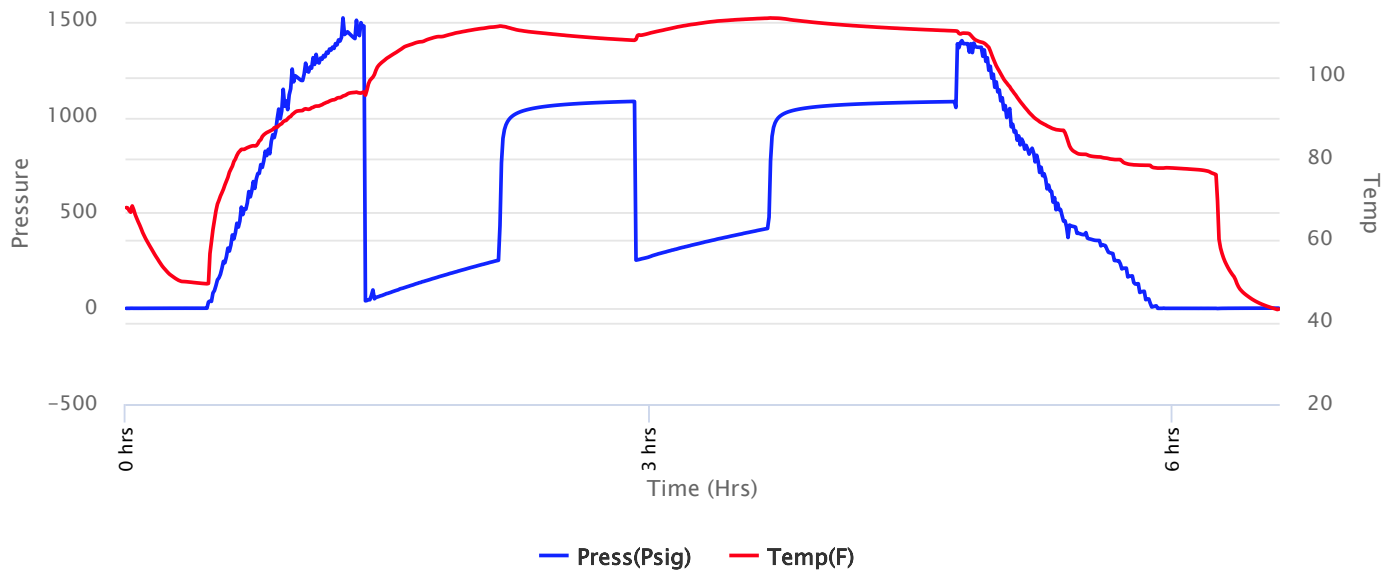
1st Open
Minutes: 45
Current Reading:
154.0" at 45 min
Max Reading: 154.0"

1st Close
Minutes: 45
Current Reading:
22.7" at 45 min
Max Reading: 22.7"

2nd Open
Minutes: 45
Current Reading:
91.5" at 45 min
Max Reading: 91.5"

2nd Close
Minutes: 60
Current Reading:
8.9" at 60 min
Max Reading: 9.1"

Inside Recorder





**Company: RJM Oil Company,
Inc**
Lease: Ames Unit #17

SEC: 34 TWN: 18S RNG: 11W
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Elevation: 1771 GL
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315	4.48245	HMCW	0	0	50	50
567	8.06841	W	0	0	100	0

Total Recovered: 1260 ft

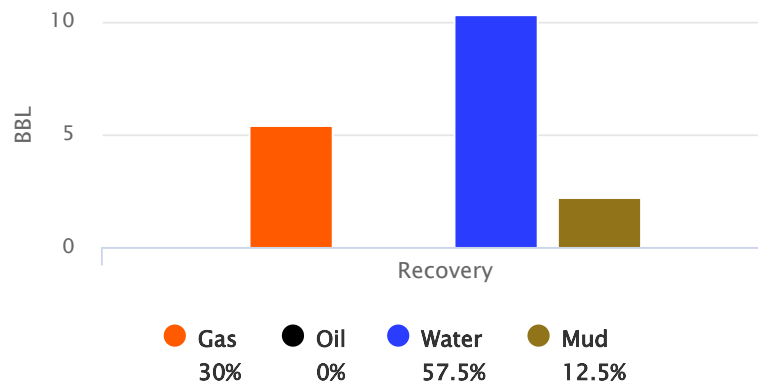
Total Barrels Recovered: 17.9298

Reversed Out

NO

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Initial Flow	40 to 252	PSI
Initial Closed in Pressure	1082	PSI
Final Flow Pressure	253 to 419	PSI
Final Closed in Pressure	1082	PSI
Final Hydrostatic Pressure	1384	PSI
Temperature	115	°F
Pressure Change Initial	0.0	%
Close / Final Close		

Recovery at a glance



GIP cubic foot volume: 30.20006



Operation:

Test Complete

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Time On: 23:15 04/21

Time Off: 05:36 04/22

Time On Bottom: 00:31 04/22

Time Off Bottom: 03:46 04/22

BUCKET MEASUREMENT:

1st Open: BoB 2min 15sec Built to 154.0in in 45min

1st Close: BoB 14min 30sec Built to 22.7in in 45min

2nd Open: BoB 5min Built to 91.5in in 45min

2nd Close: Built to 9.1in in 60min

REMARKS:

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

Chlorides: 16000 ppm



SEC: 34 TWN: 18S RNG: 11W
County: BARTON
State: Kansas
Drilling Contractor: Southwind Drilling,
Inc - Rig 3
Elevation: 1771 GL
Field Name: Ames
Pool: Infield
Job Number: 725
API #: 15-009-26415

2024

Time On: 23:15 04/21 Time Off: 05:36 04/22
Time On Bottom: 00:31 04/22 Time Off Bottom: 03:46 04/22

4 1/2-FH



Operation:

Test Complete

**Company: RJM Oil Company,
Inc**

Lease: Ames Unit #17

SEC: 34 TWN: 18S RNG: 11W
County: BARTON
State: Kansas
Drilling Contractor: Southwind Drilling,
Inc - Rig 3
Elevation: 1771 GL
Field Name: Ames
Pool: Infield
Job Number: 725
API #: 15-009-26415

DATE

April

21

2024

DST #1

**Formation: Lansing
"A-F"**

**Test Interval: 3004 -
3094'**

Total Depth: 3094'

Time On: 23:15 04/21

Time Off: 05:36 04/22

Time On Bottom: 00:31 04/22

Time Off Bottom: 03:46 04/22

Mud Properties

Mud Type: Chem

Weight: 8.9

Viscosity: 58

Filtrate: 8.8

Chlorides: 4000 ppm



Operation:

Test Complete

**Company: RJM Oil Company,
Inc**
Lease: Ames Unit #17

SEC: 34 TWN: 18S RNG: 11W
County: BARTON
State: Kansas
Drilling Contractor: Southwind Drilling,
Inc - Rig 3
Elevation: 1771 GL
Field Name: Ames
Pool: Infield
Job Number: 725
API #: 15-009-26415

DATE

April

21

2024

DST #1

**Formation: Lansing
"A-F"**

**Test Interval: 3004 -
3094'**

Total Depth: 3094'

Time On: 23:15 04/21

Time Off: 05:36 04/22

Time On Bottom: 00:31 04/22

Time Off Bottom: 03:46 04/22

Gas Volume Report

1st Open

2nd Open

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

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



Company: RJM Oil Company, Inc

Lease: Ames Unit #17

SEC: 34 TWN: 18S RNG: 11W
County: BARTON
State: Kansas
Drilling Contractor: Southwind Drilling,
Inc - Rig 1
Elevation: 1771 GL
Field Name: Ames
Pool: Infield
Job Number: 725
API #: 15-009-26415

Operation:

Test Complete

DATE

April

22

2024

DST #2

Formation: Lansing
"J-M"

Test Interval: 3179 -
3274'

Total Depth: 3274'

Time On: 21:17 04/22

Time Off: 03:55 04/23

Time On Bottom: 23:28 04/22

Time Off Bottom: 02:28 04/23

Electronic Volume
Estimate:
1010'

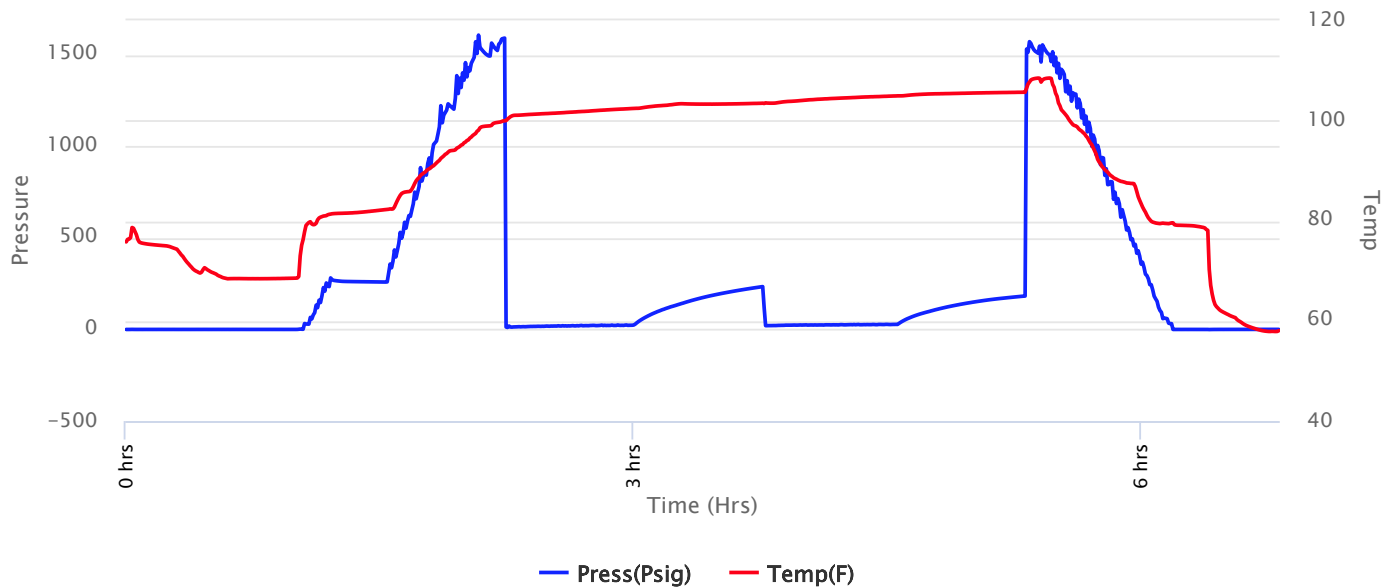
1st Open
Minutes: 45
Current Reading:
79.0" at 45 min
Max Reading: 79.0"

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

2nd Open
Minutes: 45
Current Reading:
53.3" at 45 min
Max Reading: 53.3"

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

Inside Recorder





**Company: RJM Oil Company,
Inc**
Lease: Ames Unit #17

SEC: 34 TWN: 18S RNG: 11W
County: BARTON
State: Kansas
Drilling Contractor: Southwind Drilling,
Inc - Rig 1
Elevation: 1771 GL
Field Name: Ames
Pool: Infield
Job Number: 725
API #: 15-009-26415

Operation:

Test Complete

DATE

April

22

2024

DST #2

**Formation: Lansing
"J-M"**

**Test Interval: 3179 -
3274'**

Total Depth: 3274'

Time On: 21:17 04/22

Time Off: 03:55 04/23

Time On Bottom: 23:28 04/22

Time Off Bottom: 02:28 04/23

Recovered

<u>Foot</u>	<u>BBLs</u>	<u>Description of Fluid</u>	<u>Gas %</u>	<u>Oil %</u>	<u>Water %</u>	<u>Mud %</u>
1000	14.23	G	100	0	0	0
60	0.8538	SLWCSLGCHMCO	15	50	5	30

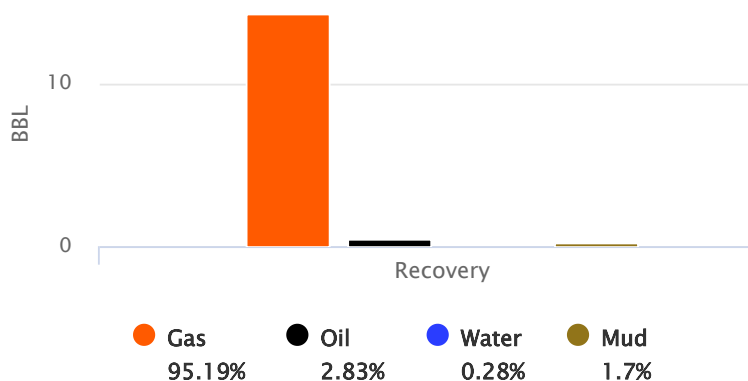
Total Recovered: 1060 ft

Total Barrels Recovered: 15.0838

Reversed Out
NO

Initial Hydrostatic Pressure	1592	PSI
Initial Flow	14 to 25	PSI
Initial Closed in Pressure	235	PSI
Final Flow Pressure	21 to 28	PSI
Final Closed in Pressure	183	PSI
Final Hydrostatic Pressure	1532	PSI
Temperature	106	°F
Pressure Change Initial Close / Final Close	22.1	%

Recovery at a glance



GIP cubic foot volume: 80.61338



Operation:

Test Complete

**Company: RJM Oil Company,
Inc**

Lease: Ames Unit #17

SEC: 34 TWN: 18S RNG: 11W
County: BARTON
State: Kansas
Drilling Contractor: Southwind Drilling,
Inc - Rig 1
Elevation: 1771 GL
Field Name: Ames
Pool: Infield
Job Number: 725
API #: 15-009-26415

DATE

April

22

2024

DST #2

**Formation: Lansing
"J-M"**

**Test Interval: 3179 -
3274'**

Total Depth: 3274'

Time On: 21:17 04/22

Time Off: 03:55 04/23

Time On Bottom: 23:28 04/22

Time Off Bottom: 02:28 04/23

BUCKET MEASUREMENT:

1st Open: BoB 3min 30sec. Built to 79in in 45min

1st Close: No Blowback

2nd Open: BoB 45sec Built to 53.3in in 45min

2nd Close: No Blowback

REMARKS:

Tool Sample: 0% Gas 70% Oil 5% Water 25% Mud



Lease: Ames Unit #17

SEC: 34 TWN: 18S RNG: 11W
County: BARTON
State: Kansas
Drilling Contractor: Southwind Drilling,
Inc - Rig 1
Elevation: 1771 GL
Field Name: Ames
Pool: Infield
Job Number: 725
API #: 15-009-26415

2024

Time On: 21:17 04/22 Time Off: 03:55 04/23
Time On Bottom: 23:28 04/22 Time Off Bottom: 02:28 04/23

Down Hole Makeup

4 1/2-FH



Operation:

Test Complete

**Company: RJM Oil Company,
Inc**

Lease: Ames Unit #17

SEC: 34 TWN: 18S RNG: 11W
County: BARTON
State: Kansas
Drilling Contractor: Southwind Drilling,
Inc - Rig 1
Elevation: 1771 GL
Field Name: Ames
Pool: Infield
Job Number: 725
API #: 15-009-26415

DATE

April

22

2024

DST #2

**Formation: Lansing
"J-M"**

**Test Interval: 3179 -
3274'**

Total Depth: 3274'

Time On: 21:17 04/22

Time Off: 03:55 04/23

Time On Bottom: 23:28 04/22

Time Off Bottom: 02:28 04/23

Mud Properties

Mud Type: Chem

Weight: 9.2

Viscosity: 55

Filtrate: 14.4

Chlorides: 8500 ppm



Operation:

Test Complete

**Company: RJM Oil Company,
Inc**
Lease: Ames Unit #17

SEC: 34 TWN: 18S RNG: 11W
County: BARTON
State: Kansas
Drilling Contractor: Southwind Drilling,
Inc - Rig 1
Elevation: 1771 GL
Field Name: Ames
Pool: Infield
Job Number: 725
API #: 15-009-26415

DATE

April

22

2024

DST #2

**Formation: Lansing
"J-M"**

**Test Interval: 3179 -
3274'**

Total Depth: 3274'

Time On: 21:17 04/22

Time Off: 03:55 04/23

Time On Bottom: 23:28 04/22 Time Off Bottom: 02:28 04/23

Gas Volume Report

1st Open

2nd Open

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

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



Company: RJM Oil Company, Inc

Lease: Ames Unit #17

SEC: 34 TWN: 18S RNG: 11W
County: BARTON
State: Kansas
Drilling Contractor: Southwind Drilling,
Inc - Rig 1
Elevation: 1771 GL
Field Name: Ames
Pool: Infield
Job Number: 725
API #: 15-009-26415

Operation:

Test Complete

DATE

April

23

2024

DST #3

Formation: Arbuckle

Test Interval: 3310 -
3325'

Total Depth: 3325'

Time On: 12:20 04/23

Time Off: 18:45 04/23

Time On Bottom: 13:45 04/23

Time Off Bottom: 17:00 04/23

Electronic Volume
Estimate:
1092'

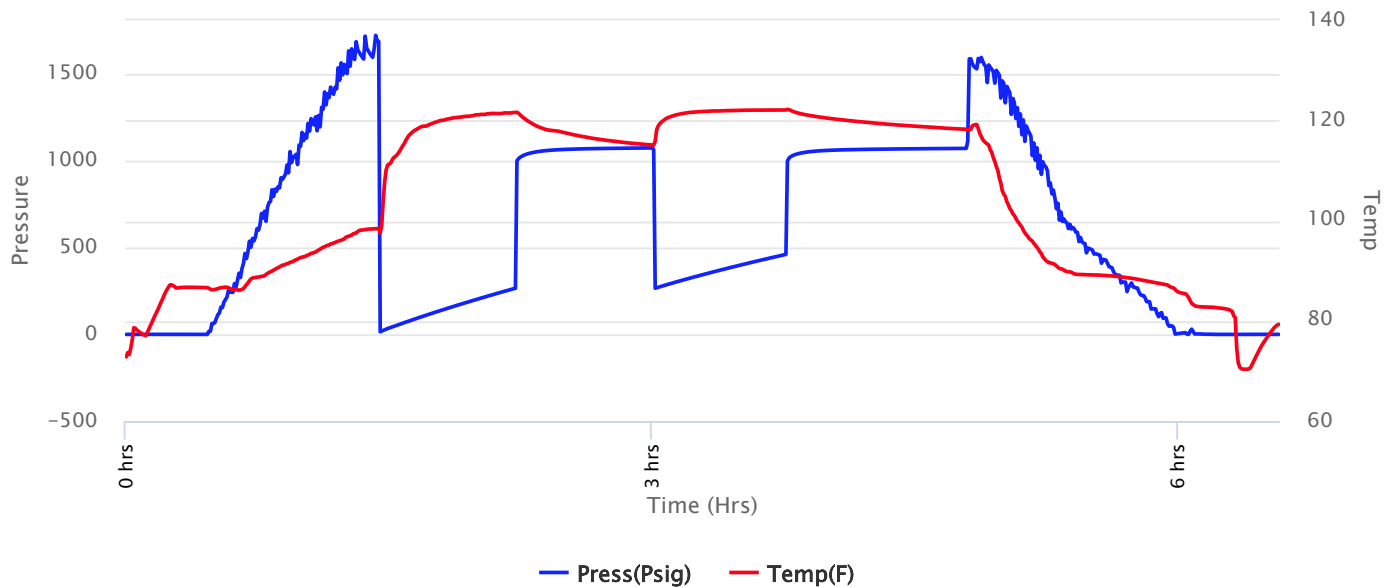
1st Open
Minutes: 45
Current Reading:
76.4" at 45 min
Max Reading: 76.4"

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

2nd Open
Minutes: 40
Current Reading:
62.0" at 40 min
Max Reading: 62.0"

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

Inside Recorder





**Company: RJM Oil Company,
Inc**
Lease: Ames Unit #17

SEC: 34 TWN: 18S RNG: 11W
County: BARTON
State: Kansas
Drilling Contractor: Southwind Drilling,
Inc - Rig 1
Elevation: 1771 GL
Field Name: Ames
Pool: Infield
Job Number: 725
API #: 15-009-26415

Operation:

Test Complete

DATE

April

23

2024

DST #3 Formation: Arbuckle Test Interval: 3310 - 3325' Total Depth: 3325'

Time On: 12:20 04/23

Time Off: 18:45 04/23

Time On Bottom: 13:45 04/23

Time Off Bottom: 17:00 04/23

Recovered

Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
30	0.4269	HOCW	0	40	60	0
440	6.2612	OCGCW	20	20	60	0
567	8.06841	SLOCSLGCW	5	5	90	0

Total Recovered: 1037 ft

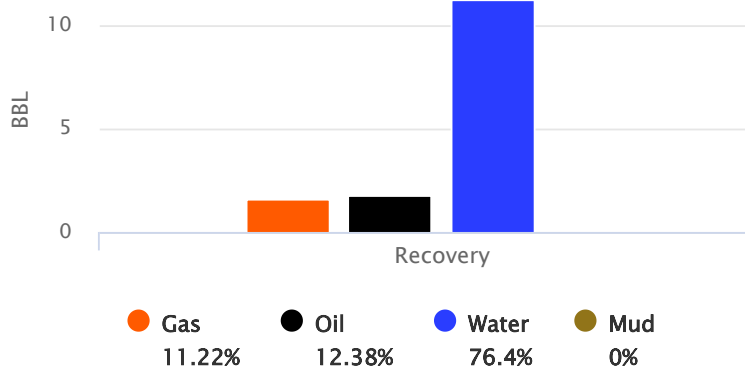
Total Barrels Recovered: 14.75651

Reversed Out

NO

Initial Hydrostatic Pressure	1693	PSI
Initial Flow	16 to 267	PSI
Initial Closed in Pressure	1078	PSI
Final Flow Pressure	267 to 463	PSI
Final Closed in Pressure	1075	PSI
Final Hydrostatic Pressure	1593	PSI
Temperature	123	°F
Pressure Change Initial	0.2	%
Close / Final Close		

Recovery at a glance



GIP cubic foot volume: 9.29571



Operation:

Test Complete

**Company: RJM Oil Company,
Inc**

Lease: Ames Unit #17

SEC: 34 TWN: 18S RNG: 11W
County: BARTON
State: Kansas
Drilling Contractor: Southwind Drilling,
Inc - Rig 1
Elevation: 1771 GL
Field Name: Ames
Pool: Infield
Job Number: 725
API #: 15-009-26415

DATE

April

23

2024

DST #3 Formation: Arbuckle Test Interval: 3310 - 3325' Total Depth: 3325'

Time On: 12:20 04/23

Time Off: 18:45 04/23

Time On Bottom: 13:45 04/23

Time Off Bottom: 17:00 04/23

BUCKET MEASUREMENT:

1st Open: BoB in 5min 30sec Built to 76.4" in 45min

1st Close: No Blowback

2nd Open: BoB in 7min exact Built to 62" in 45min

2nd Close: No Blowback

REMARKS:

Tool Sample: 0% Gas 10% Oil 90% Water 0% Mud

Chlorides: 11000 ppm



Operation:

Test Complete

**Company: RJM Oil Company,
Inc**

Lease: Ames Unit #17

SEC: 34 TWN: 18S RNG: 11W
County: BARTON
State: Kansas
Drilling Contractor: Southwind Drilling,
Inc - Rig 1
Elevation: 1771 GL
Field Name: Ames
Pool: Infield
Job Number: 725
API #: 15-009-26415

DATE

April

23

2024

DST #3 Formation: Arbuckle Test Interval: 3310 - 3325' Total Depth: 3325'

Time On: 12:20 04/23

Time Off: 18:45 04/23

Time On Bottom: 13:45 04/23

Time Off Bottom: 17:00 04/23

Down Hole Makeup

Heads Up: 18.91 FT

Packer 1: 3305 FT

Drill Pipe: 3303.75 FT

Packer 2: 3310 FT

ID-3 1/2

Top Recorder: 3297 FT

Weight Pipe: FT

Bottom Recorder: 3310 FT

ID-2 7/8

Well Bore Size: 7 7/8

Collars: FT

Surface Choke: 1"

ID-2 1/4

Bottom Choke: 5/8"

Test Tool: 26.16 FT

ID-3 1/2-FH

Total Anchor: 15

Anchor Makeup

Packer Sub: 1 FT

Perforations: (top): 14 FT

4 1/2-FH

Change Over: FT

Drill Pipe: (in anchor): FT

ID-3 1/2

Change Over: FT

Perforations: (below): FT

4 1/2-FH



Operation:
Test Complete

**Company: RJM Oil Company,
Inc
Lease: Ames Unit #17**

SEC: 34 TWN: 18S RNG: 11W
County: BARTON
State: Kansas
Drilling Contractor: Southwind Drilling,
Inc - Rig 1
Elevation: 1771 GL
Field Name: Ames
Pool: Infield
Job Number: 725
API #: 15-009-26415

DATE

April
23
2024

DST #3 Formation: Arbuckle Test Interval: 3310 - Total Depth: 3325'
3325'
Time On: 12:20 04/23 Time Off: 18:45 04/23
Time On Bottom: 13:45 04/23 Time Off Bottom: 17:00 04/23

Mud Properties

Mud Type: Chem

Weight: 9.1

Viscosity: 55

Filtrate: 11.6

Chlorides: 8000 ppm



Operation:

Test Complete

**Company: RJM Oil Company,
Inc
Lease: Ames Unit #17**

SEC: 34 TWN: 18S RNG: 11W
County: BARTON
State: Kansas
Drilling Contractor: Southwind Drilling,
Inc - Rig 1
Elevation: 1771 GL
Field Name: Ames
Pool: Infield
Job Number: 725
API #: 15-009-26415

DATE

April

23

2024

DST #3 Formation: Arbuckle Test Interval: 3310 - Total Depth: 3325'
3325'

Time On: 12:20 04/23

Time Off: 18:45 04/23

Time On Bottom: 13:45 04/23 Time Off Bottom: 17:00 04/23

Gas Volume Report

1st Open

2nd Open

Time	Orifice	PSI	MCF/D
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Time	Orifice	PSI	MCF/D
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Federal Tax I.D.# 20-2886107

No. 4016

Date	4/18/24	Sec.	34	Twp.	18	Range	11	County	Barton	State	KS	On Location		Finish	1:45 PM																
								Location							Clatlin Son 130 RD 6 miles 50 RD 1W 1 North w into																
Lease								Ames				Well No.				17				Owner											
Contractor								Southwind				To Quality Oilwell Cementing, Inc.																			
Type Job								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								T.D.				269				Charge To				RJM											
Csg.								8 5/8				Depth				Set 256				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.								Shoe Joint				15				Cement Amount Ordered				180 6 1/4 4% cal 2% gel											
Meas Line								Displace				15. 1/4																			
EQUIPMENT																															
Pumptrk								16				No.				Cementer				Bryant				Common				110			
Bulktrk								3				No.				Driver				Joe				Poz. Mix				70			
Bulktrk								PU				No.				Driver				Nick				Gel.				8			
																				Calcium				3							
JOB SERVICES & REMARKS																															
Remarks:																Hulls															
Rat Hole																Salt															
Mouse Hole																Flowseal															
Centralizers																Kol-Seal															
Baskets																Mud CLR 48															
D/V or Port Collar																CFL-117 or CD110 CAF 38															
Run 8 5/8 + est. Circulation																Sand															
Cemented with 180 sacks																Handling				191											
displaced																Mileage															
FLOAT EQUIPMENT																															
Cement did circulate																Guide Shoe															
																Centralizer															
																Baskets															
																AFU Inserts															
																Float Shoe															
																Latch Down															
																Pumptrk Charge				Surface											
																Mileage				24											
Thanks!																															
Frank J Bone																															
Thanks																															
X Signature																															
																Tax															
																Discount															
																Total Charge															

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 shall 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 constructed 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.

Federal Tax I.D.# 20-2886107

No. 3927

Date	Sec.	Twp.	Range	County	State	On Location	Finish
4/24/24	34	18	11	Barton	Kansas		10:15am
				Location Claflin 6 S 1 E 3/4 N Winto			
Lease Ames unit		Well No. 17		Owner			
Contractor Southwind Drilling				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.			
Type Job long string				Charge To RJM			
Hole Size 7 7/8		T.D. 3325					
Csg. 5 1/2 15.5 #		Depth 3310		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. 42.58		Shoe Joint 42.58		Cement Amount Ordered 180 com 10% salt 5% g. l			
Meas Line		Displace 77.76		500 gal mud clear			
EQUIPMENT				Common 180			
Pumptrk 5	No.	Cementer	Helper Jim	Poz. Mix			
Bulktrk 9	No.	Driver	Doug	Gel.			
Bulktrk P.H.	No.	Driver	David	Calcium			
JOB SERVICES & REMARKS				Hulls			
Remarks:				Salt 14			
Rat Hole				Flowseal			
Mouse Hole				Kol-Seal 70 750 #			
Centralizers Joints 1-9				Mud CLR 48 500 gal			
Baskets #2+6				CFL-117 or CD110 CAF 38			
D/V or Port Collar				Sand			
Ran 5 1/2 and est. circulation				Handling 50 201			
Mixed 500 gal mud clear				Mileage			
Cemented Rat hole with 30 sks				FLOAT EQUIPMENT			
Cemented mouse hole with 15 sks				Guide Shoe			
Cemented 5 1/2 with 135 sks				Centralizer 9			
and displaced				Baskets 2			
				AFU Inserts			
Lift pressure @ 700 #				Float Shoe 1			
Landed plug @ 1500 #				Latch Down 1			
				Pumptrk Charge Prod String			
				Mileage 24			
Signature				Tax			
				Discount			
				Total Charge			

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 shall 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 constructed 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.