

DIAMOND TESTING

P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313
STC 30035.D0143

Company Prolific Resources, LLC Lease & Well No. Rosco No. 1
Elevation 1769 KB Formation Lensing "A"- "D" Effective Pay -- Ft. Ticket No. S0143
Date 5-7-12 Sec. 16 Twp. 20S Range 11W County Barton State Kansas
Test Approved By Jeffrey A. Burk Diamond Representative Jacob McCallie

Formation Test No. 1 Interval Tested from 3,035 ft. to 3,100 ft. Total Depth 3,100 ft.
Packer Depth 3,030 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Packer Depth 3,035 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Depth of Selective Zone Set -- ft.

Top Recorder Depth (Inside) 3,016 ft. Recorder Number 30035 Cap. 10,000 psi
Bottom Recorder Depth (Outside) 3,097 ft. Recorder Number 3851 Cap. 5,700 psi
Below Straddle Recorder Depth -- ft. Recorder Number -- Cap. -- psi

Drilling Contractor Petromark Drilling, LLC - Rig 2 Drill Collar Length 119 ft. I.D. 2 1/4 in.
Mud Type Chemical Viscosity 52 Weight Pipe Length -- ft. I.D. -- in.
Weight 8.8 Water Loss 8.2 cc. Drill Pipe Length 2,883 ft. I.D. 3 1/2 in.
Chlorides 800 P.P.M. Test Tool Length 33 ft. Tool Size 3 1/2 - IF in.
Make Sterling Serial Number 3 Anchor Length 65 ft. Size 4 1/2 - FH in.
Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.
Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 - XH in.

Blow: 1st Open: Off bottom of bucket in 31 secs. Gas to surface in 14 mins. (SEE GAS VOLUME REPORT.) Weak, surface blow back during shut-in.
2nd Open: Off bottom of bucket blow. (SEE GAS VOLUME REPORT.) Weak, surface blow back during shut-in.

Recovered 140 ft. of slightly gas cut mud = .884310 bbls. (Grind out: 100%-mud)
Recovered -- ft. of --
Recovered -- ft. of --
Recovered -- ft. of --
Recovered -- ft. of --

Remarks Tool Sample Grind Out: 100%-mud

Time Set Packer(s)	A.M. P.M.	Time Started Off Bottom	A.M. P.M.	Maximum Temperature
<u>6:47</u>		<u>10:02</u>		<u>98°</u>
Initial Hydrostatic Pressure	(A)	<u>1421</u>	P.S.I.	
Initial Flow Period	Minutes	<u>30</u>	(B) <u>33</u>	P.S.I. to (C) <u>53</u> P.S.I.
Initial Closed In Period	Minutes	<u>45</u>	(D) <u>702</u>	P.S.I.
Final Flow Period	Minutes	<u>60</u>	(E) <u>42</u>	P.S.I. to (F) <u>63</u> P.S.I.
Final Closed In Period	Minutes	<u>60</u>	(G) <u>738</u>	P.S.I.
Final Hydrostatic Pressure	(H)	<u>1420</u>	P.S.I.	

Diamond Testing

General information Report

General Information

Company Name Prolific Resources

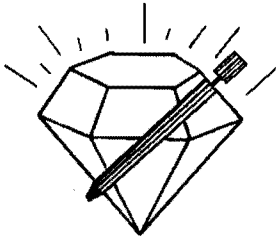
Contact	Darrell Willinger	Job Number	S0143
Well Name	Rosco #1	Representative	Jacob McCallie
Unique Well ID	DST #1 Lansing "A-D" 3035-3100'	Well Operator	Prolific Resources
Surface Location	SEC 16-20S-11W Barton County	Report Date	2012/05/07
Well License Number		Prepared By	Jacob McCallie
Field	Chase-Silica		
Well Type	Vertical		

Test Type	Drill Stem Test	Start Test Time	04:39:00
Formation	DST #1 Lansing "A-D" 3035-3100'	Final Test Time	11:36:00
Well Fluid Type	02 Gas		
Start Test Date	2012/05/07		
Final Test Date	2012/05/07		
Gauge Name	30035		
Gauge Serial Number			

Test Results

RECOVERED:
140' SGC Mud 100% MUD
140' TOTAL FLUID

TOOL SAMPLE:
100% MUD



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GAS VOLUME REPORT

Company Prolific Resources, LLC Lease & Well No. Rosco No. 1
1,432' FSL &
 Date 5-7-12 Sec. 16 Twp. 20 S Rge. 11 W Location 2,205 FEL, SEC County Barton State KS
 Drilling Contractor Petromark Drilling, LLC - Rig 2 Formation Lansing "A" - "D" DST No. 1
 Remarks: 1st Open: Gas to surface in 14 mins.

INITIAL FLOW

Open Tool: 6:47 a.m.

Time O'Clock	Orifice Size	Gauge	MCF/D
7:07 a.m.	1/8 in.	7.0 psi	7.70
7:12 a.m.	1/8 in.	10.0 psi	9.45
7:17 a.m.	1/8 in.	12.5 psi	10.75

FINAL FLOW

Open Tool: 8:02 a.m.

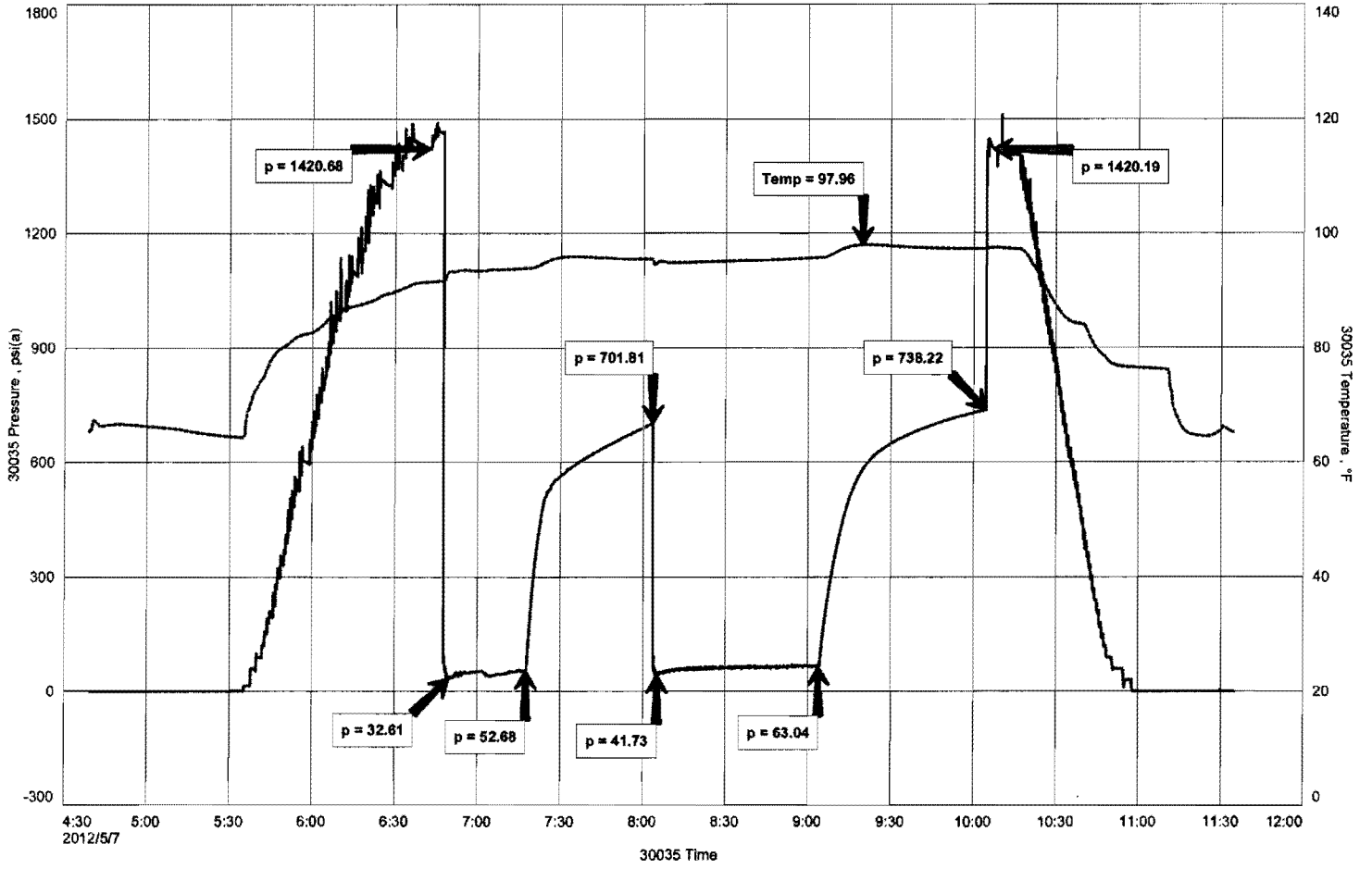
Time O'Clock	Orifice Size	Gauge	MCF/D
8:07 a.m.	1/8 in.	11 psi	10.0
8:12 a.m.	1/8 in.	13 psi	11.0
8:22 a.m.	1/8 in.	15 psi	12.1
8:32 a.m.	1/8 in.	15 psi	12.1
8:42 a.m.	1/8 in.	14 psi	11.6
* 8:52 a.m.	1/8 in.	14 psi	11.6
9:02 a.m.	1/8 in.	13 psi	11.0

* Gas sample taken.

Prolific Resources
DST #1 Lansing "A-D" 3035-3100'
Start Test Date: 2012/05/07
Final Test Date: 2012/05/07

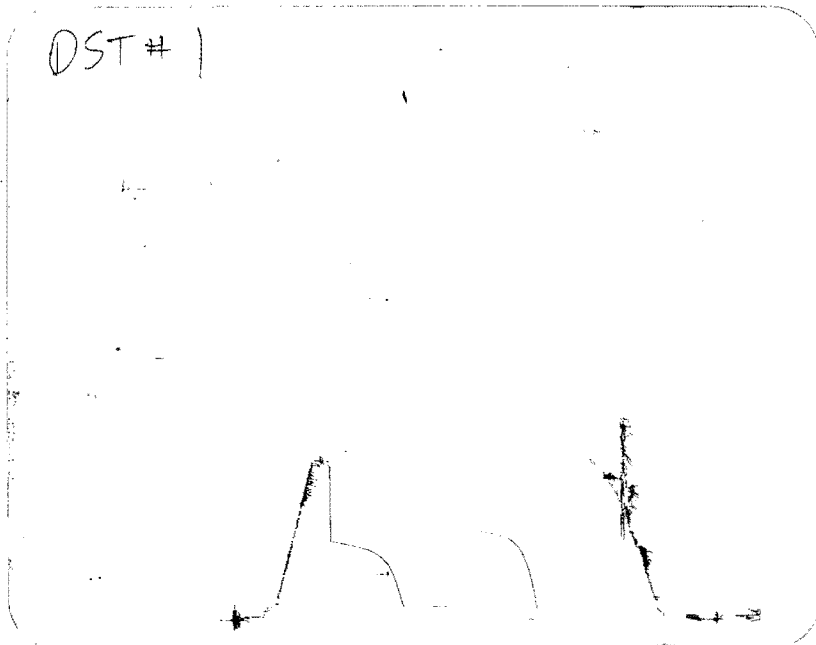
Rosco #1
Formation: DST #1 Lansing "A-D" 3035-3100'
Pool: In Field
Job Number: S0143

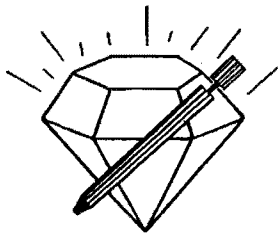
Rosco #1



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Fast





DIAMOND TESTING

P.O. Box 157
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STC 30035.D0144

Company Prolific Resources, LLC Lease & Well No. Rosco No. 1
Elevation 1769 KB Formation Lansing "J" Effective Pay -- Ft. Ticket No. S0144
Date 5-8-12 Sec. 16 Twp. 20S Range 11W County Barton State Kansas
Test Approved By Jeffrey A. Burk Diamond Representative Jacob McCallie

Formation Test No. 2 Interval Tested from 3,205 ft. to 3,230 ft. Total Depth 3,230 ft.
Packer Depth 3,200 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Packer Depth 3,205 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 3,186 ft. Recorder Number 30035 Cap. 10,000 psi
Bottom Recorder Depth (Outside) 3,227 ft. Recorder Number 3851 Cap. 5,700 psi
Below Straddle Recorder Depth ft. Recorder Number Cap. psi

Drilling Contractor Petromark Drilling, LLC - Rig 2 Drill Collar Length 119 ft. I.D. 2 1/4 in.
Mud Type Chemical Viscosity 54 Weight Pipe Length -- ft. I.D. -- in.
Weight 9.2 Water Loss 8.0 cc. Drill Pipe Length 3,053 ft. I.D. 3 1/2 in.
Chlorides 2,000 P.P.M. Test Tool Length 33 ft. Tool Size 3 1/2 - IF in.
Make Sterling Serial Number 3 Anchor Length 25 ft. Size 4 1/2 - FH in.
Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.
Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 - XH in.

Blow: 1st Open: Fair, 5 1/2 in., blow building. Off bottom of bucket in 11 1/2 mins. No blow back during shut-in.
2nd Open: Good, 7 1/2 in., blow building. Off bottom of bucket in 15 mins. No blow back during shut-in.

Recovered 357 ft. of gas in pipe
Recovered 15 ft. of mud = .073800 bbls. (Grind out: 100%-mud)
Recovered 15 ft. of TOTAL FLUID = .073800 bbls.
Recovered ft. of
Recovered ft. of
Remarks Tool Sample Grind Out: 100%-mud

Time Set Packer(s)	<u>2:31</u>	<u>A.M.</u>	Time Started Off Bottom	<u>5:46</u>	<u>A.M.</u>	Maximum Temperature	<u>98°</u>
Initial Hydrostatic Pressure		<u>PM</u>	(A)	<u>1532</u>	<u>PM</u>	P.S.I.	
Initial Flow Period			Minutes	<u>30</u>	(B)	<u>17</u>	P.S.I. to (C) <u>14</u> P.S.I.
Initial Closed In Period			Minutes	<u>45</u>	(D)	<u>172</u>	P.S.I.
Flow Period			Minutes	<u>60</u>	(E)	<u>15</u>	P.S.I. to (F) <u>16</u> P.S.I.
Final Closed In Period			Minutes	<u>60</u>	(G)	<u>211</u>	P.S.I.
Final Hydrostatic Pressure			(H)	<u>1531</u>		P.S.I.	

Diamond Testing

General information Report

General Information

Company Name Prolific Resources

Contact	Darrell Willinger	Job Number	S0144
Well Name	Rosco #1	Representative	Jacob McCallie
Unique Well ID	DST #2 Lansing "J" 3205-3230'	Well Operator	Prolific Resources
Surface Location	SEC 16-20S-11W Barton County	Report Date	2012/05/08
Well License Number		Prepared By	Jacob McCallie
Field	Chase-Silica		
Well Type	Vertical		

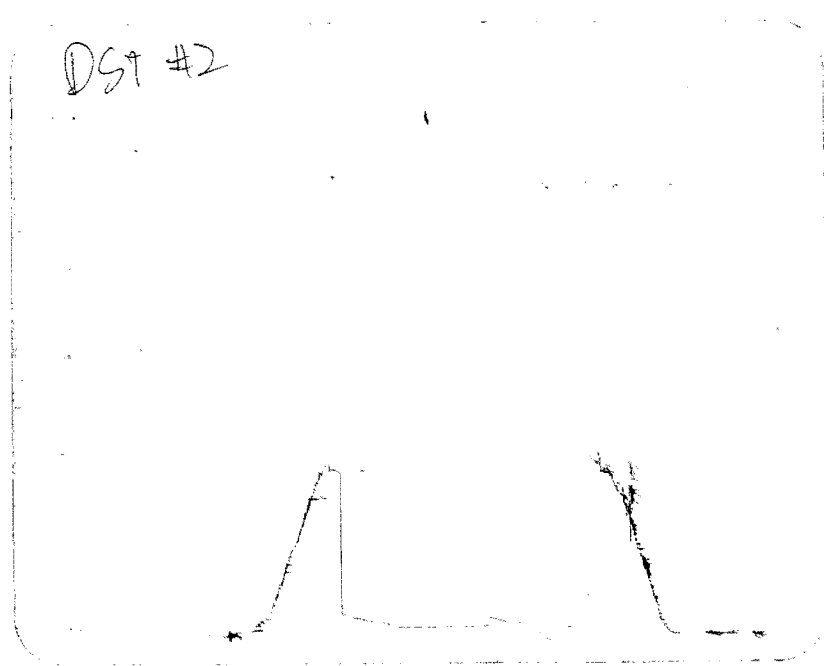
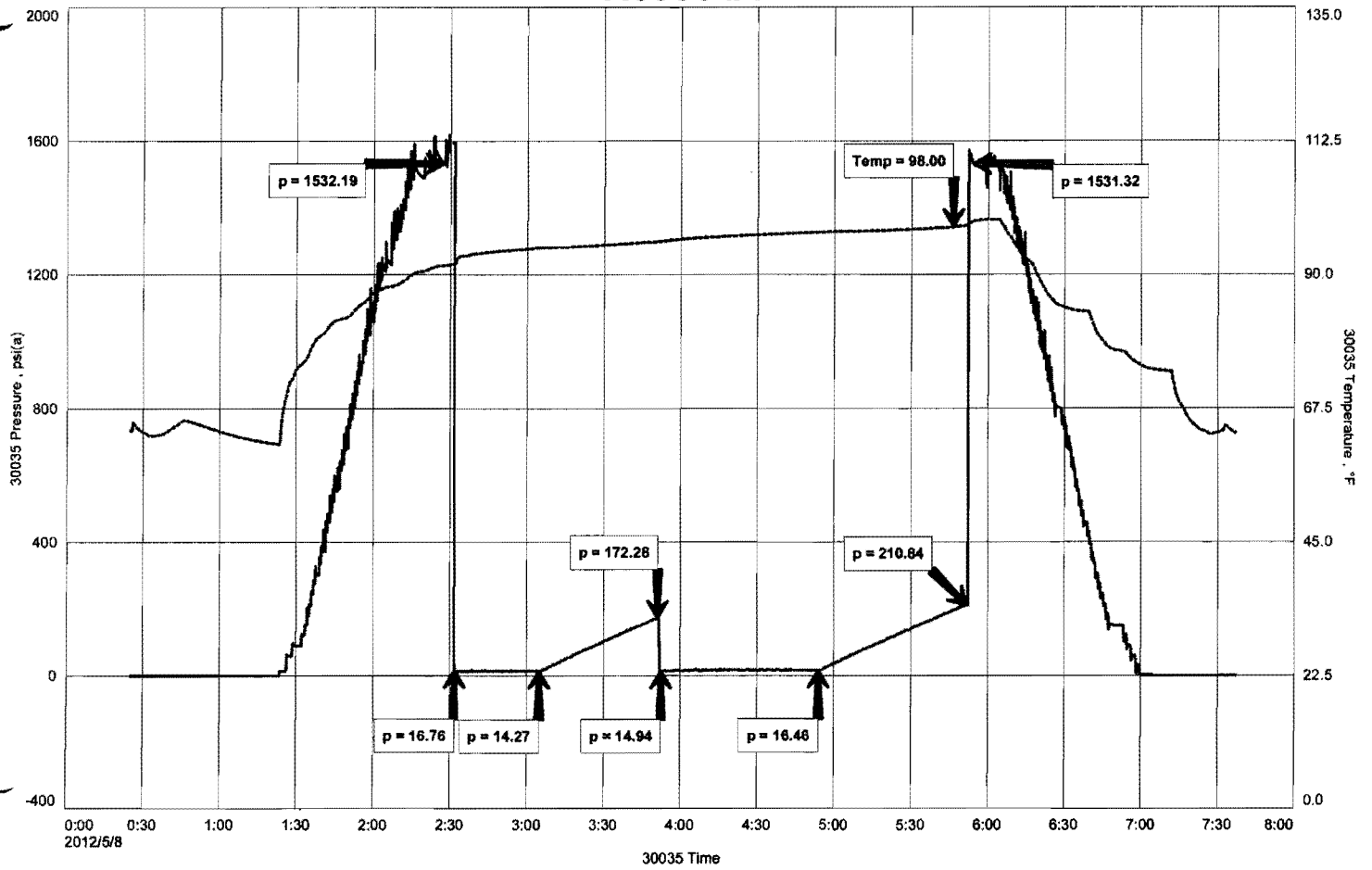
Test Type	Drill Stem Test		
Formation	DST #2 Lansing "J" 3205-3230'		
Well Fluid Type	01 Oil	Start Test Time	00:25:00
		Final Test Time	07:38:00
Start Test Date	2012/05/08		
Final Test Date	2012/05/08		
Gauge Name	30035		
Gauge Serial Number			

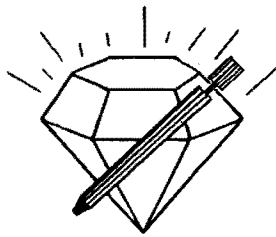
Test Results

RECOVERED:
357' GIP
15' MUD 100% MUD
15' TOTAL FLUID

TOOL SAMPLE:
100% MUD

Rosco #1





DIAMOND TESTING

P.O. Box 157
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STC 30035.D0145

Company Prolific Resources, LLC Lease & Well No. Rosco No. 1
Elevation 1769 KB Formation Arbuckle Effective Pay -- Ft. Ticket No. S0145
Date 5-8-12 Sec. 16 Twp. 20S Range 11W County Barton State Kansas
Test Approved By Jeffrey A. Burk Diamond Representative Jacob McCallie

Formation Test No. 3 Interval Tested from 3,280 ft. to 3,303 ft. Total Depth 3,303 ft.
Packer Depth 3,275 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Packer Depth 3,280 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 3,261 ft. Recorder Number 30035 Cap. 10,000 psi
Bottom Recorder Depth (Outside) 3,300 ft. Recorder Number 3851 Cap. 5,700 psi
Below Straddle Recorder Depth ft. Recorder Number Cap. psi

Drilling Contractor Petromark Drilling, LLC - Rig 2 Drill Collar Length 119 ft. I.D. 2 1/4 in.
Mud Type Chemical Viscosity 55 Weight Pipe Length -- ft. I.D. -- in.
Weight 9.4 Water Loss 9.2 cc. Drill Pipe Length 3,128 ft. I.D. 3 1/2 in.
Chlorides 5,000 P.P.M. Test Tool Length 33 ft. Tool Size 3 1/2 - IF in.
Make Sterling Serial Number 3 Anchor Length 23 ft. Size 4 1/2 - FH in.
Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.
Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 - XH in.

Blow: 1st Open: Weak, 1/2 in., blow building. Off bottom of bucket in 14 1/2 mins. Weak, 1/2 in., blow back during shut-in.
2nd Open: Weak, 3/4 in., blow building. Off bottom of bucket in 9 3/4 mins. Weak, 1 in., blow back during shut-in.

Recovered 756 ft. of gas in pipe
Recovered 90 ft. of clean oil = 1.280700 bbls. (Grind out: 100%-clean oil) Gravity: 42.5 @ 60°
Recovered 153 ft. of water cut oily mud = 1.069300 bbls. (Grind out: 39%-oil; 13%-water; 48%-mud)
Recovered 243 ft. of TOTAL FLUID = 2.350000 bbls. Chlorides: 9,000 Ppm
Recovered ft. of

Remarks Tool Sample Grind Out: 40%-oil; 20%-water; 40%-mud

Time Set Packer(s)	<u>8:18</u>	<u>AXM.</u> P.M.	Time Started Off Bottom	<u>11:33</u>	<u>AXM.</u> P.M.	Maximum Temperature	<u>99°</u>
Initial Hydrostatic Pressure			(A)	<u>1586</u>	P.S.I.		
Initial Flow Period		Minutes	<u>30</u>	(B)	<u>12</u>	P.S.I. to (C)	<u>60</u> P.S.I.
Initial Closed In Period		Minutes	<u>45</u>	(D)	<u>807</u>	P.S.I.	
Flow Period		Minutes	<u>60</u>	(E)	<u>68</u>	P.S.I. to (F)	<u>97</u> P.S.I.
Final Closed In Period		Minutes	<u>60</u>	(G)	<u>796</u>	P.S.I.	
Final Hydrostatic Pressure			(H)	<u>1587</u>	P.S.I.		

Diamond Testing

General information Report

General Information

Company Name Prolific Resources

Contact	Darrell Willinger	Job Number	S0145
Well Name	Rosco #1	Representative	Jacob McCallie
Unique Well ID	DST #3 Arbuckle 3280-3303'	Well Operator	Prolific Resources
Surface Location	SEC 16-20S-11W Barton County	Report Date	2012/05/09
Well License Number		Prepared By	Jacob McCallie
Field	Chase-Silica		
Well Type	Vertical		

Test Type	Drill Stem Test		
Formation	DST #3 Arbuckle 3280-3303'		
Well Fluid Type	01 Oil	Start Test Time	18:51:00
		Final Test Time	01:45:00
Start Test Date	2012/05/08		
Final Test Date	2012/05/09		
Gauge Name	30035		
Gauge Serial Number			

Test Results

RECOVERED:

756'	GIP		
90'	CO	100% CO	GRAVITY: 42.5 @ 60 degrees F
153'	WTR Cut Oily Mud	39% OIL 13% WTR 48% MUD	
243'	TOTAL FLUID		

CHLORIDES: 9,000 ppm

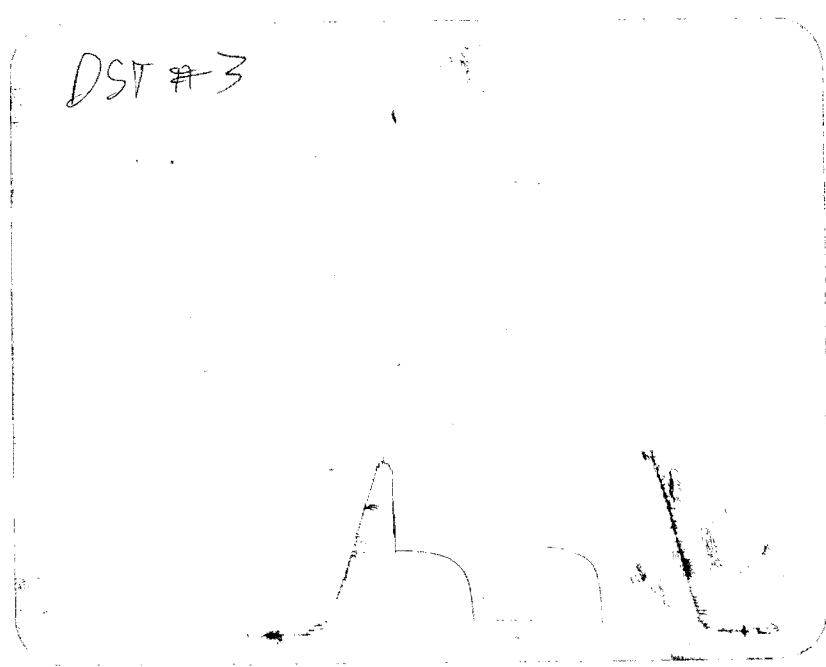
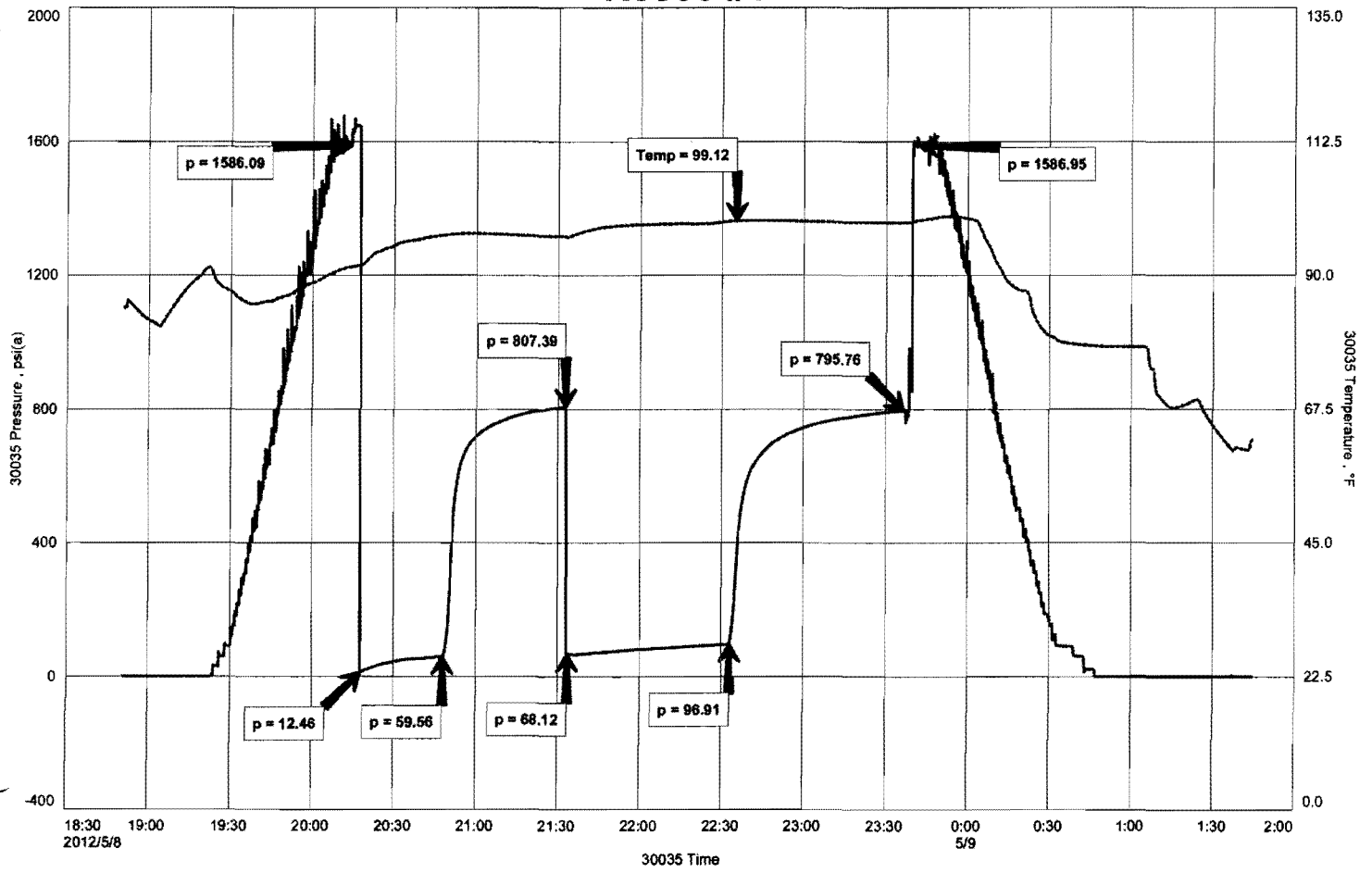
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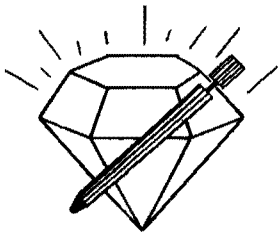
40% OIL 20% WTR 40% MUD

rolific Resources
JST #3 Arbuckle 3280-3303'
Start Test Date: 2012/05/08
Final Test Date: 2012/05/09

Rosco #1
Formation: DST #3 Arbuckle 3280-3303'
Pool: Wildcat
Job Number: S0145

Rosco #1





DIAMOND TESTING

P.O. Box 157
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(620) 653-7550 • (800) 542-7313
STC 30035.D0146

Company Prolific Resources, LLC Lease & Well No. Rosco No. 1
Elevation 1769 KB Formation Arbuckle Effective Pay -- Ft. Ticket No. S0146
Date 5-9-12 Sec. 16 Twp. 20S Range 11W County Barton State Kansas
Test Approved By Jeffrey A. Burk Diamond Representative Jacob McCallie

Formation Test No. 4 Interval Tested from 3,305 ft. to 3,311 ft. Total Depth 3,311 ft.
Packer Depth 3,300 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Packer Depth 3,305 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 3,286 ft. Recorder Number 30035 Cap. 10,000 psi
Bottom Recorder Depth (Outside) 3,308 ft. Recorder Number 3851 Cap. 5,700 psi
Below Straddle Recorder Depth ft. Recorder Number Cap. psi

Drilling Contractor Petromark Drilling, LLC - Rig 2 Drill Collar Length 119 ft. I.D. 2 1/4 in.
Mud Type Chemical Viscosity 55 Weight Pipe Length -- ft. I.D. -- in.
Weight 9.4 Water Loss 9.2 cc. Drill Pipe Length 3,153 ft. I.D. 3 1/2 in.
Chlorides 5,000 P.P.M. Test Tool Length 33 ft. Tool Size 3 1/2 - IF in.
Mud: Make Sterling Serial Number 3 Anchor Length 6 ft. Size 4 1/2 - FH in.
Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.
Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 - XH in.

Blow: 1st Open: Weak, 1 1/2 in., blow building. Off bottom of bucket in 4 mins. Blow back off bottom of bucket during shut-in.
2nd Open: Weak, 1 in., blow building. Off bottom of bucket in 4 1/2 mins. Strong, 11 in., blow back during shut-in.

Recovered 762 ft. of gas in pipe
Recovered 93 ft. of clean oil = 1.323390 bbls. (Grind out: 100%-clean oil) Gravity: 41.5 @ 60°
Recovered 126 ft. of oil cut muddy water = 1.792980 bbls. (Grind out: 2%-oil; 81%-water; 17%-mud)
Recovered 1,098 ft. of mud cut water = 14.516650 bbls. (Grind out: 99%-water; 1%-mud) Chlorides: 13,000 Ppm
Recovered 1,317 ft. of TOTAL FLUID = 17.633020 bbls. PH: 7.0 RW: .41 @ 95°

Remarks Tool Sample Grind Out: 8%-oil; 82%-water; 10%-mud

Time Set Packer(s) 11:33 ~~P.M.~~ ^{A.M.} Time Started Off Bottom 2:48 ~~P.M.~~ ^{X.M.} Maximum Temperature 107°
Initial Hydrostatic Pressure (A) 1599 P.S.I.
Initial Flow Period Minutes 30 (B) 24 P.S.I. to (C) 225 P.S.I.
Final Closed In Period Minutes 45 (D) 844 P.S.I.
Final Flow Period Minutes 60 (E) 233 P.S.I. to (F) 445 P.S.I.
Final Closed In Period Minutes 60 (G) 836 P.S.I.
Final Hydrostatic Pressure (H) 1600 P.S.I.

Diamond Testing

General information Report

General Information

Company Name Prolific Resources

Contact	Darrell Willinger	Job Number	S0146
Well Name	Rosco #1	Representative	Jacob McCallie
Unique Well ID	DST #4 Arbuckle 3305-3311'	Well Operator	Prolific Resources
Surface Location	SEC 16-20S-11W Barton County	Report Date	2012/05/09
Well License Number		Prepared By	Jacob McCallie
Field	Chase-Silica		
Well Type	Vertical		

Test Type	Drill Stem Test		
Formation	DST #4 Arbuckle 3305-3311'		
Well Fluid Type	01 Oil	Start Test Time	09:31:00
		Final Test Time	17:11:00
Start Test Date	2012/05/09		
Final Test Date	2012/05/09		
Gauge Name	30035		
Gauge Serial Number			

Test Results

RECOVERED:

762'	GIP				
93'	CO	100% CO			GRAVITY: 41.5 @ 60 degrees F
126'	OC Muddy WTR	2% OIL	81% WTR	17% MUD	
1098'	Mud Cut WTR	99% WTR	1% MUD		
1317'	TOTAL FLUID				

PH: 7

RW: .41 @ 95 degrees F

Chlorides: 13,000 ppm

TOOL SAMPLE:

8% OIL 91% WTR 10% MUD

Rosco #1

