



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1131207
OIL & GAS CONSERVATION DIVISION

Form ACO-1
August 2013

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 SIOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- 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 ENHR Conv. to SWD
- Plug Back Conv. to GSW Conv. to Producer
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - _____

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
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____



1131207

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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Electric Log Run	<input type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run:				

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				

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 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)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

Date of First, Resumed Production, SWD or ENHR. _____ 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: <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> <input type="checkbox"/> Other <i>(Specify)</i> _____ <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	SODOCO, LLC
Well Name	Rees Ranch 8-19
Doc ID	1131207

All Electric Logs Run

Microresistivity
Array Induction Shallow Focused Electric Log
Compact Phito Density Compensated Neutron Log
Compensated sonic with Integrated Transit Timr

Form	ACO1 - Well Completion
Operator	SODOCO, LLC
Well Name	Rees Ranch 8-19
Doc ID	1131207

Tops

Name	Top	Datum
Anhydrite	2359	+838
Base Anhydrite	2373	+824
Heebner	3982	-785
Toronto	4003	-806
Lansing	4032	-835
Stark Shale	4335	-1138
Base Kansas City	4477	-1280
Marmaton	4510	-1313
Pawnee	4608	-1411
Ft Scott	4630	-1433
Cherokee	4644	-1447
Johnson Zone	4743	-1546

JAMES C. MUSGROVE

Petroleum Geologist
212 Main Street
P.O. Box 215
Claflin, KS 67525

Office (620) 588-4250

Res. Claflin (620) 587-3444

SDOCO LLC
Rees Ranch #8-19
1730' FNL & 330' FEL
S/2-NE-SE-NE
Section 19-19s-35w
Wichita County, Kansas
Page 1

5 1/2" Production Casing Set

Contractor: H2 Drilling Co. (Rig #1)

Commenced: February 4, 2013

Completed: February 12, 2013

Elevation: 3197' K.B; 3195' D.F; 3186' G.L.

Casing program: Surface; 8 5/8" @ 350'
Production; 5 1/2" @ 4849'

Sample: Samples saved and examined 3800' to the Rotary Total Depth.

Drilling time: One (1) foot drilling time recorded and kept 3800 ft. to the Rotary Total Depth.

Measurements: All depths measured from the Kelly Bushing.

Drill Stem Tests: There was one (1) Drill Stem Test ran by Trilobite Testing Co.

Electric Log: By Weatherford; Array Induction Shallow Focused Electric Log, Compact Photo Density Compensated Neutron Log, Microresistivity Log and Compensated Sonic with Integrated Transit Time.

<u>Formation</u>	<u>Log Depth</u>	<u>Sub-Sea Datum</u>
Anhydrite	2359	+838
Base Anhydrite	2373	+824
Heebner	3982	-785
Toronto	4003	-806
Lansing	4032	-835
Stark Shale	4335	-1138
Base Kansas City	4477	-1280

SAMPLE ANALYSIS, SHOWS OF OIL, TESTING DATA, ETC.

TORONTO SECTION

4005-4017' Limestone; tan, fine and medium crystalline, few fossiliferous, scattered loose fossil fragments, poorly developed porosity, chalky, no shows.

LANSING SECTION

4033-4039' Limestone; cream, tan, finely crystalline, few medium crystalline, slightly oolitic, chalky, scattered porosity, no shows.

4044-4054' Limestone; cream, white, finely crystalline, oolitic, poorly developed intercrystalline and pinpoint porosity, scattered dark brown stain, no show of free oil and no odor in fresh samples.

4070-4088' Limestone; cream, tan, finely crystalline, fossiliferous/oolitic, poor porosity, chalky, trace white chert.

4116-4131' Limestone; cream, white, tan, finely crystalline, scattered pinpoint porosity, chalky, few cherty, questionable brown stain, no show of free oil and no odor.

4158-4180' Limestone; cream, tan, finely crystalline, few fossiliferous/oolitic, slightly chalky, no shows.

4190-4220' Limestone; cream, white, finely crystalline, chalky, poor porosity, plus white, boney chert.

4244-4260' Limestone; cream, tan, finely crystalline, chalky, plus chert as above, no shows.

4280-4288' Limestone; cream, tan, finely crystalline, few fossiliferous, chalky, no shows.

4292-4306' Limestone; cream, tan, gray, finely crystalline, oolitic, poor scattered intercrystalline type porosity, trace dark brown and black stain, no free oil and questionable odor in fresh samples.

4310-4326' Limestone; cream, tan, finely crystalline, oolitic, oomoldic, fair to good oomoldic porosity.

4342-4350' Limestone; tan, light gray, finely crystalline, oolitic, poor

- 4444-4456' Limestone; white, cream, oolitic, poor visible porosity, light brown stain, no free oil and no odor.
- 4462-4472' Limestone; cream, tan, finely crystalline, oolitic, scattered porosity, chalky, scattered black stain (dead), no free oil and no odor.

MARMATON SECTION

- 4508-4516' Limestone; cream, tan, finely crystalline, oolitic, poor pinpoint and intercrystalline porosity, dense, no shows.
- 4521-4532' Limestone; cream, tan, finely crystalline, oolitic, fair pinpoint and fine intercrystalline type porosity, golden brown stain, fair to good show of free oil and fair odor in fresh samples.

Drill Stem Test #1 4502-4536'

Times: 30-45-60-90

Blow: Strong

Recovery: 395' gas in pipe
330' clean gassy oil
30' gas and oil cut mud
(20% gas, 15% oil, 65% mud)

Pressures: ISIP 265 psi
FSIP 262 psi
IFP 27-79 psi
FFP 83-135 psi
HSH 2249-2249 psi

- 4546-4560' Limestone; cream, tan, finely crystalline, slightly oolitic, poor intercrystalline porosity, trace stain, trace free oil and very faint odor in fresh samples.
- 4573-4593' Limestone; cream, white, finely crystalline, poorly developed porosity, trace black (dead) stain, no free oil and no odor.

PAWNE SECTION

- 4598-4620' Limestone; gray, white, tan, finely crystalline, oolitic, poor visible porosity, trace stain, no free oil and no odor in fresh samples.

FT SCOTT SECTION

SDOCO LLC
Rees Ranch #8-19
1730' FNL & 330' FEL
S/2-NE-SE-NE
Section 19-19s-35w
Wichita County, Kansas
Page 4

JOHNSON ZONE SECTION

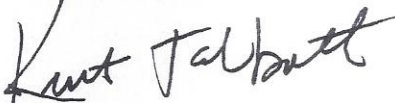
4743-4763'	Limestone; gray, cream, finely crystalline, oolitic, fossiliferous, poor visible porosity, chalky, no shows.
4780-4820'	Limestone; tan, buff, gray, finely crystalline, few fossiliferous, poor visible porosity, cherty, no shows.
4820-4853'	Limestone; tan, gray, finely crystalline, poor visible porosity, cherty, plus gray boney cherty, no shows.

Rotary Total Depth	4850
Log Total Depth	4853

Recommendations:

5 1/2" production casing was set and cemented on the Rees Ranch #8-19

Respectfully submitted;



Kurt Talbott,
Petroleum Geologist



CONSOLIDATED
Oil Well Services, LLC

TIC T NUMBER 37299
LOCATION Oaklafs
FOREMAN Fuzzy

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
2-5-13	New	Rees Ranch 8-19	19	19	35w	Wichita
CUSTOMER			TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS			463	Jeremy		
CITY			693	Mike P		
STATE						
ZIP CODE						

JOB TYPE SuSme HOLE SIZE 12 1/4 HOLE DEPTH 350' CASING SIZE & WEIGHT 8 5/8
 CASING DEPTH 349 6/4 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 14.7 SLURRY VOL 1.36 59 WATER gal/sk 6.5 CEMENT LEFT in CASING _____
 DISPLACEMENT 20.9 DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety meeting on H₂S. Rig up and circulate. Mix 22.5 sbs class 'A' 30 lbs, 29 gal. Drop plug and displace 21 BBL and shut in. Cement did circulate approx 5 BBL to pit

Thanks Fuzzy & Crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
54015	1	PUMP CHARGE	1085.00	1085.00
5406	60	MILEAGE	5.00	300.00
5407A	10.6 don	Tow mileage Delivery	167	1062.12
11045	22.5 sbs	Class 'A' Cement	1762	3971.25
1102	635 #	Calcium chloride	1.89	565.15
1118B	423 #	Bentonite	1.25	105.75
4432	1	8 5/8 wood cup plug	96.00	96.00
4132	3	8 5/8 - Central 120 AS	82.00	246.00
		subtotal		7431.21
		less 1090		743.13
		subtotal		6688.12
		SALES TAX		
		ESTIMATED TOTAL		

Ravin 3737

AUTHORIZATION [Signature] TITLE Coman DATE 2/6/13

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form



CONSOLIDATED
Oil Well Services, LLC

TICKET NUMBER 39459
LOCATION Oakley, KS
FOREMAN Miles Shaw
Fuzzy McCullish
KS

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
2-13-13	7483	Rees Ranch 8-19	19	19S	35W	Wichita
CUSTOMER SDoco LLC			TRUCK # DRIVER TRUCK # DRIVER			
MAILING ADDRESS			4527128 Jerry Y			
CITY STATE ZIP CODE			460 Mike			
			540 Jurdoy L			
			5307129 Jurdoy L			

JOB TYPE 2 stag HOLE SIZE 7 7/8" HOLE DEPTH 4850 CASING SIZE & WEIGHT 5 1/2" 5.54
CASING DEPTH 51830.28 DRILL PIPE _____ TUBING _____ OTHER DU @ 2729.65'
SLURRY WEIGHT 13.8 SLURRY VOL 1.4 WATER gal/sk _____ CEMENT LEFT in CASING 22.71
DISPLACEMENT 114 1/2 DISPLACEMENT PSI 400 MIX PSI 2400 RATE _____

REMARKS: Safety meeting on H2 #1 Float @ equipment centralizers on 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 12, 14, 16, 18, 20. Baskets on bottom of 51+53 DU tool on top of 51 @ 2729.65'. Rig up and circulate 1/2 hrs. Pump 5 bbls water seugal mud flush 5 bbls water mix 300 shs owc with 5# Nolsal shutdown cleared pump + lines released plug displaced 114 bbls @ 9.43 water 65 bbls mud with 1400 psi lift plug land @ 2400 psi and hold release pressure drop dart opened kool @ 800 psi. Circulate 4 hrs. Pump 5 bbls water mix 70 shs RH 30 shs RH 490 shs 60/40 puz 80 gal 1/4# flo seal 5# Nolsal. shutdown cleared pump + lines released plug displaced 65 3/4 bbls water @ 1000 psi plug landed @ 1800 psi release pressure tool held cement circulated 50 bbls to pit.
Thanks Mist crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401C	1	PUMP CHARGE	3020. ⁰⁰	3020. ⁰⁰
5406	45	MILEAGE	5. ⁰⁰	225. ⁰⁰
5407A	38.82	Tonmitage delivery	1.67	2917.32
1126	300 shs	owc	22.55	6765. ⁰⁰
1110A	4200#	Nolsal	1.56	2352. ⁰⁰
1131	540 shs	60/40 puz cement	15.10	8154. ⁰⁰
1118B	3715#	Bentonite gel	1.25	928.75
1107	135#	Flo seal	2.82	380.70
1144G	50 gal	mud flush	1. ⁰⁰	500. ⁰⁰
4159	1	5 1/2 AFU Float shoe	413. ⁰⁰	413. ⁰⁰
4434	1	5 1/2 Latch down Assy	567. ⁰⁰	567. ⁰⁰
4104	2	5 1/2" Baskets W	276. ⁰⁰	552. ⁰⁰
4277	1	5 1/2" DU Tool W	4800. ⁰⁰	4800. ⁰⁰
4130	15	5 1/2" Centralizers	58. ⁰⁰	870. ⁰⁰
		Subtotal		32444.77
		less 10% discount		3244.47
		Subtotal		29200.30
		SALES TAX		
		ESTIMATED TOTAL		

Ravin 3737
AUTHORIZATION [Signature] TITLE Supervisor DATE 2/13/13

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **SDOCO, LLC.**

PO Box 369
Littleton, CO 80160

ATTN: Kurt Talbot

Rees Ranch #8-19

19-19s-35w Wichita,KS

Start Date: 2013.02.10 @ 11:27:00

End Date: 2013.02.10 @ 20:53:30

Job Ticket #: 51434 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

SDOCO, LLC.

19-19s-35w Wichita,KS

Rees Ranch #8-19

DST # 1

Marmaton "A"

2013.02.10

Printed: 2013.02.20 @ 09:40:42



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

SDOCO, LLC.
PO Box 369
Littleton, CO 80160
ATTN: Kurt Talbot

19-19s-35w Wichita, KS

Rees Ranch #8-19

Job Ticket: 51434 DST#: 1
Test Start: 2013.02.10 @ 11:27:00

GENERAL INFORMATION:

Formation: **Marmaton "A"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 14:29:30
Time Test Ended: 20:53:30
Interval: **4502.00 ft (KB) To 4536.00 ft (KB) (TVD)**
Total Depth: 4536.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

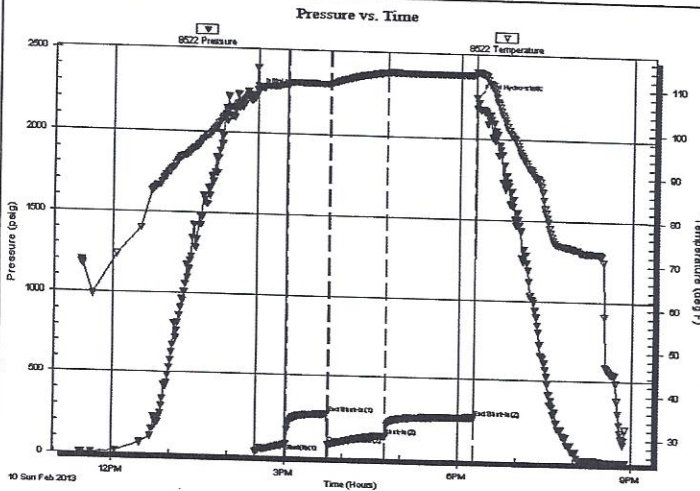
Test Type: Conventional Bottom Hole (Initial)
Tester: Bradley Walter
Unit No: 53
Reference Elevations: 3197.00 ft (KB)
3186.00 ft (CF)
KB to GR/CF: 11.00 ft

Serial #: **8522**

Outside

Press@RunDepth: 134.93 psig @ 4503.00 ft (KB)
Start Date: 2013.02.10 End Date: 2013.02.10
Start Time: 11:27:05 End Time: 20:53:30
Capacity: 8000.00 psig
Last Calib.: 2013.02.10
Time On Btm: 2013.02.10 @ 14:29:15
Time Off Btm: 2013.02.10 @ 18:16:45

TEST COMMENT: IF: BOB @ 18 min.
IS: 1" return.
FF: BOB @ 33 min.
FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2249.48	109.22	Initial Hydro-static
1	27.02	108.14	Open To Flow (1)
32	79.17	109.83	Shut-In(1)
75	264.63	110.09	End Shut-In(1)
76	83.32	110.03	Open To Flow (2)
136	134.93	112.98	Shut-In(2)
227	261.77	112.90	End Shut-In(2)
228	2248.88	113.48	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	gocm 20g 15o 65m	0.15
330.00	go 35g 65o	1.62
0.00	395' GIP	0.00

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

SDOCO, LLC.
PO Box 369
Littleton, CO 80160
ATTN: Kurt Talbot

19-19s-35w Wichita,KS
Rees Ranch #8-19
Job Ticket: 51434 **DST#: 1**
Test Start: 2013.02.10 @ 11:27:00

Tool Information

Drill Pipe:	Length: 4126.00 ft	Diameter: 3.20 inches	Volume: 41.04 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 370.00 ft	Diameter: 2.25 inches	Volume: 1.82 bbl	Weight to Pull Loose: 87000.00 lb
			<u>Total Volume: 42.86 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	14.00 ft			String Weight: Initial 68000.00 lb
Depth to Top Packer:	4502.00 ft			Final 69000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	34.00 ft			
Tool Length:	54.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4483.00	
Shut In Tool	5.00			4488.00	
Hydraulic tool	5.00			4493.00	
Packer	5.00			4498.00	20.00 Bottom Of Top Packer
Packer	4.00			4502.00	
Stubb	1.00			4503.00	
Recorder	0.00	8677	Inside	4503.00	
Recorder	0.00	8522	Outside	4503.00	
Perforations	30.00			4533.00	
Bullnose	3.00			4536.00	34.00 Bottom Packers & Anchor
Total Tool Length:	54.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

SDOCO, LLC.

19-19s-35w Wichita, KS

PO Box 369
Littleton, CO 80160

Rees Ranch #8-19

Job Ticket: 51434

DST#: 1

ATTN: Kurt Talbot

Test Start: 2013.02.10 @ 11:27:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

33 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 57.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3600.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	gocm 20g 15o 65m	0.148
330.00	go 35g 65o	1.623
0.00	395' GIP	0.000

Total Length: 360.00 ft

Total Volume: 1.771 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

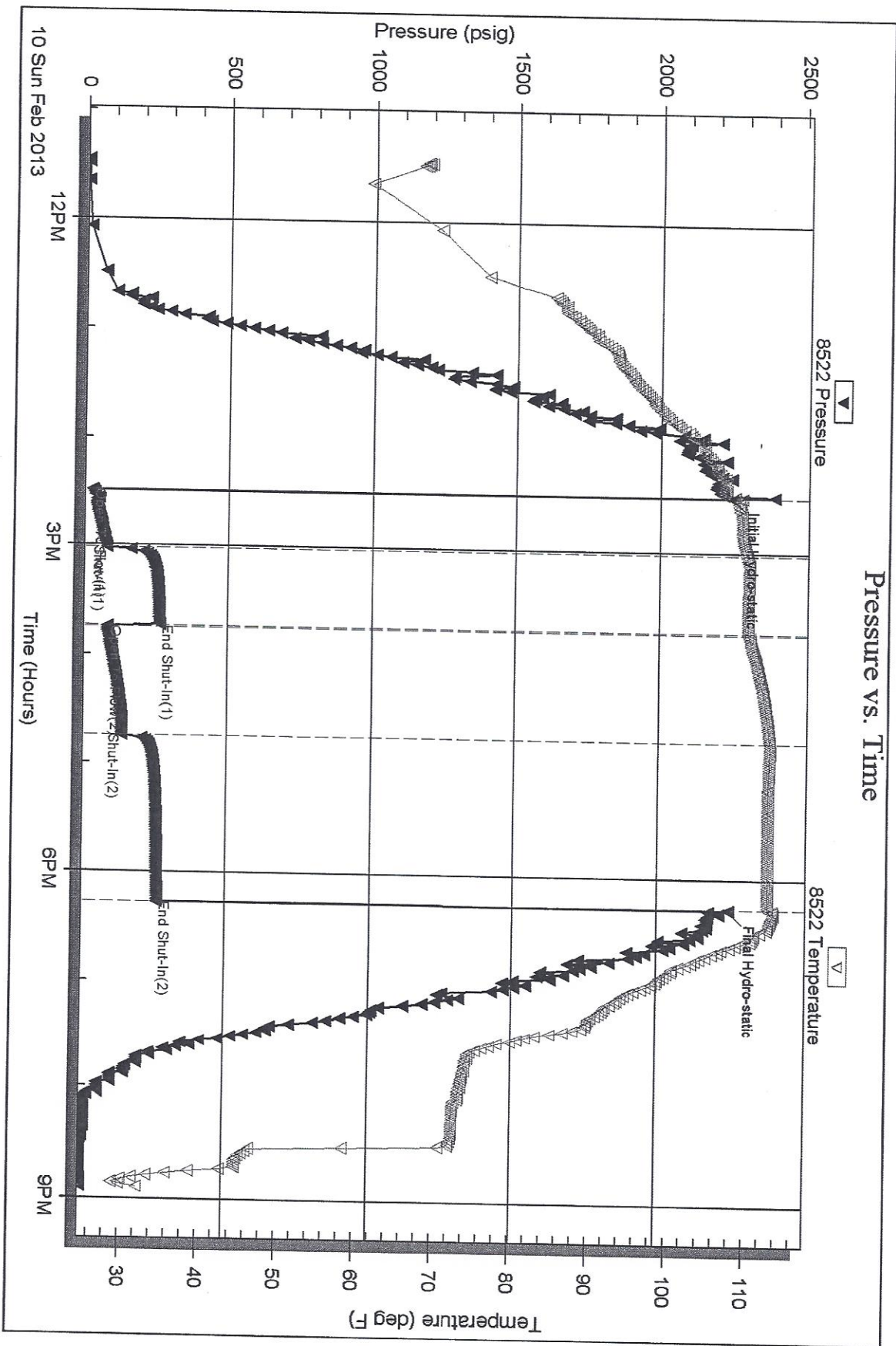
Recovery Comments:

Serial #: 8522

Outside SDOCO, LLC.

Rees Ranch #8-19

DST Test Number: 1



Serial #: 8677

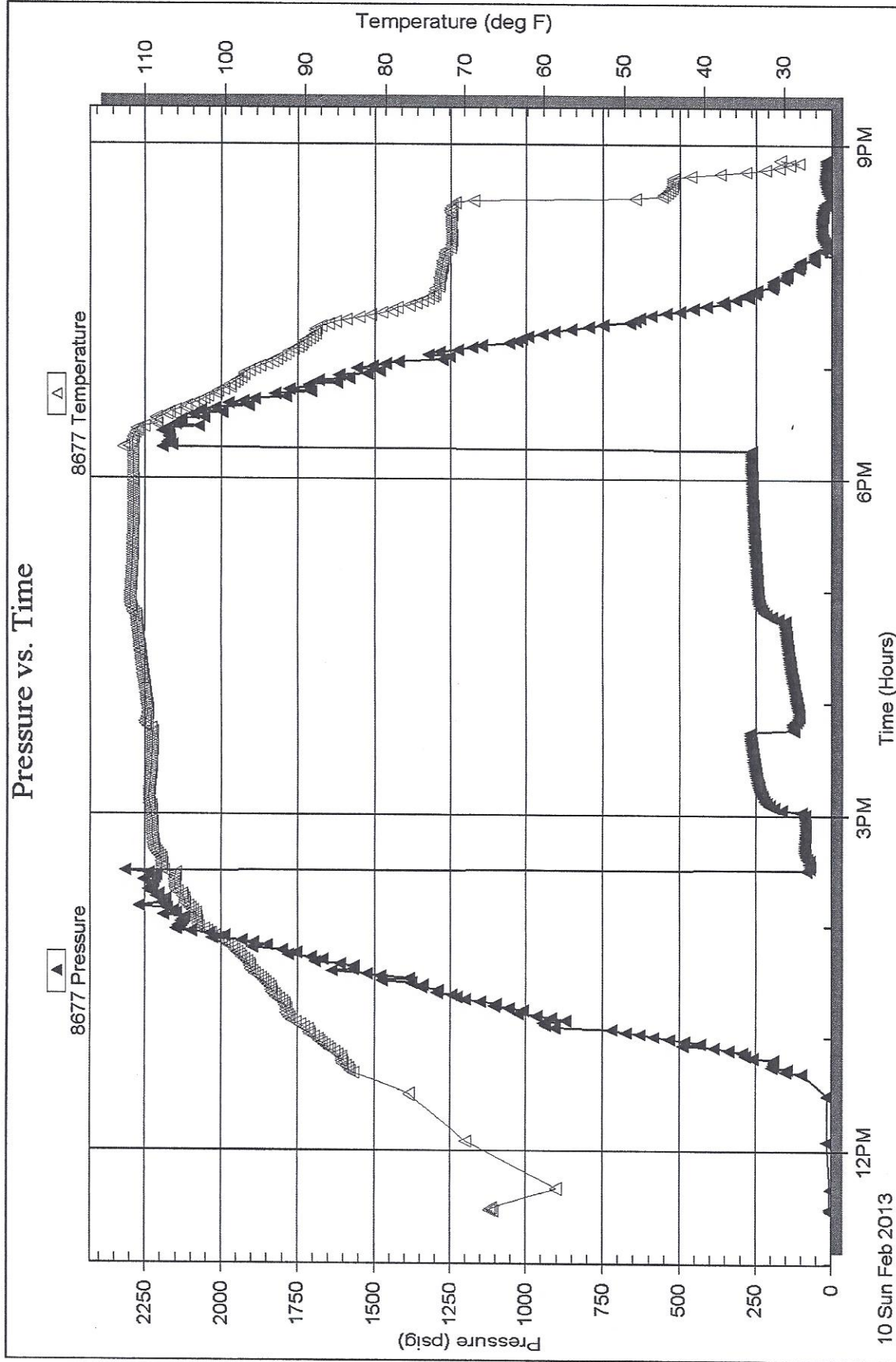
Inside

SDOCO, LLC.

Rees Ranch #8-19

DST Test Number: 1

Pressure vs. Time

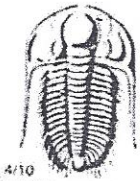


10 Sun Feb 2013

Trilobite Testing, Inc

Ref. No: 51434

Printed: 2013.02.20 @ 09:40:45



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 51434

Well Name & No. Reese Ranch # 8-19 Test No. 1 Date 2/10/13
 Company SODOCO, LLC Elevation 3197 KB 3186 GL
 Address PO Box 369 Littleton, Co 80160
 Co. Rep / Geo. Kurt Talbot Rig H2 #1
 Location: Sec. 19 Twp. 19S Rge. 35W Co. Wichita State Ks

Interval Tested 4502 - 4536 Zone Tested Marmaton "A"
 Anchor Length 34 Drill Pipe Run 4126 Mud Wt. 9.2
 Top Packer Depth 4497 Drill Collars Run 370 Vis 57
 Bottom Packer Depth 4502 Wt. Pipe Run 0 WL 3600 7.2
 Total Depth 4536 Chlorides 3600 ppm System LCM 3#
 Blow Description TFI BOB @ 18 min
TSI 1" return.
FF: BOB @ 33 min
FSI:

Rec	Feet of	%gas	%oil	%water	%mud
330	60	35	65		
30	60CM	20	15		65
	395 GIP				

Rec Total 360' BHT 114 Gravity 33 API RW - @ - °F Chlorides _____ ppm

(A) Initial Hydrostatic 2249 Test 1250 T-On Location 1075
 (B) First Initial Flow 27 Jars _____ T-Started 1127
 (C) First Final Flow 79 Safety Joint _____ T-Open 1430
 (D) Initial Shut-In 265 Circ Sub N/C T-Pulled 1815
 (E) Second Initial Flow 83 Hourly Standby _____ T-Out 2054
 (F) Second Final Flow 135 Mileage 50 RT 77.50 Comments _____
 (G) Final Shut-In 262 Sampler _____
 (H) Final Hydrostatic 2249 Straddle _____
 Shale Packer 250 Ruined Shale Packer _____
 Extra Packer _____ Ruined Packer _____
 Extra Recorder _____ Extra Copies _____
 Day Standby _____ Sub Total 0
 Accessibility 150 Total 1727.50
 Sub Total 1727.50 MP/DST Disc't _____

Approved By [Signature] Our Representative [Signature]
 Trilobite Testing Inc. shall not be liable for damaged or any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802



Phone: 316-337-6200
Fax: 316-337-6211
<http://kcc.ks.gov/>

Mark Sievers, Chairman
Thomas E. Wright, Commissioner
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

May 29, 2013

J. Robert Tuck
SDOCO, LLC
PO BOX 369
LITTLETON, CO 80160

Re: ACO1
API 15-203-20204-00-00
Rees Ranch 8-19
NE/4 Sec.19-19S-35W
Wichita County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,
J. Robert Tuck