



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1214545
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: _____



1214545

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 12-19
Doc ID	1214545

All Electric Logs Run

Compensated Neutron
Array Induction
Compact Photo Density
Sector Bond/Gamma Ray
Compensated Sonic
Compact Photo Density
Microresistivity Lot

Form	ACO1 - Well Completion
Operator	SODOCO, LLC
Well Name	Rees Ranch 12-19
Doc ID	1214545

Tops

Name	Top	Datum
Base Anhydrite	2310	+841
Heebner	3912	-761
Toronto	3937	-786
Lansing	3958	-807
Stark Shale	4272	-1121
Base Kansas City	4416	-1265
Marmaton	4446	-1295
Pawnee	4539	-1388
Fort Scott	4573	-1422
Cherokee Shale	4618	-1467
Morrow	4800	-1649

ALLIED OIL & GAS SERVICES, LLC 061347

Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999
SOUTH LAKE, TEXAS 76092

SERVICE POINT:
Oakley KS

DATE <u>4-16-14</u>	SEC <u>19</u>	TWP <u>19</u>	RANGE <u>35</u>	CALLED OUT	ON LOCATION <u>1:15 p.m.</u>	JOB START <u>3:30 p.m.</u>	JOB FINISH <u>4:00 p.m.</u>
LEASE <u>Rees Ranch</u>	WELL # <u>12-19</u>	LOCATION <u>Marienthal Rd 20 S Lami</u>		COUNTY <u>Nichita</u>	STATE <u>KS</u>		
OLD OR <input checked="" type="radio"/> NEW (Circle one)			<u>W into pasture to end S+SE into</u>				

CONTRACTOR H2 rig 1 OWNER Same

TYPE OF JOB Surface
 HOLE SIZE 12 1/4 T.D. 350
 CASING SIZE 8 5/8 DEPTH 249.68
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. 15'
 PERFS. _____
 DISPLACEMENT 21.32 bbl water
 EQUIPMENT _____

CEMENT AMOUNT ORDERED 225 sks Com
3% CC 2 1/2 gal 4# Flo-seal

COMMON	<u>225 sks @ 17.90</u>	<u>4027.50</u>
POZMIX	@ _____	_____
GEL	<u>4 sks @ 23.40</u>	<u>93.60</u>
CHLORIDE	<u>8 sks @ 64.00</u>	<u>512.00</u>
ASC	@ _____	_____
Flo-seal	<u>56 # @ 2.97</u>	<u>166.32</u>
	@ _____	_____
	@ _____	_____
	@ _____	_____
	@ _____	_____
	@ _____	_____
	@ _____	_____
	@ _____	_____
HANDLING	<u>247.05 #13 @ 2.48</u>	<u>612.68</u>
MILEAGE	<u>11.13 tons x 70 mi x 2.60</u>	<u>2025.66</u>
(1,710.68/23%)		TOTAL <u>7437.76</u>

PUMP TRUCK CEMENTER Paul Beaver
 # 120 HELPER Tyler Flipse
 BULK TRUCK # 600 DRIVER Truxon 1 (TWS)
 BULK TRUCK # _____ DRIVER _____

REMARKS:
mix 225 sks
Displace w/ water
cement did circ.
Thank You!

CHARGE TO: SDOLO
 STREET _____
 CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB	<u>350'</u>	
PUMP TRUCK CHARGE		<u>1512.25</u>
EXTRA FOOTAGE	@ _____	_____
MILEAGE	<u>101.4V 70 @ 7.70</u>	<u>532.20</u>
MANIFOLD	<u>Swedge @ 275.00</u>	<u>275.00</u>
mi LV	<u>70 @ 4.40</u>	<u>308.00</u>
	@ _____	_____
(605.88/23%)		TOTAL <u>2634.25</u>

PLUG & FLOAT EQUIPMENT

	@ _____	_____
	@ _____	_____
	@ _____	_____
	@ _____	_____
	@ _____	_____
	@ _____	_____
	@ _____	_____
	@ _____	_____
	@ _____	_____
	@ _____	_____
0%		TOTAL _____

To: Allied Oil & Gas Services, LLC.
 You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME Gary Duke
 SIGNATURE [Signature]

SALES TAX (If Any) _____
 TOTAL CHARGES 10,072.01
 DISCOUNT 2,316.56 (23%) IF PAID IN 30 DAYS
7,755.44 Net

ALLIED OIL & GAS SERVICES, LLC 063479

Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999
SOUTHLAKE, TEXAS 76092

SERVICE POINT:

Oakley KS

DATE <u>4-24-14</u>	SEC <u>19</u>	TWP. <u>19</u>	RANGE <u>35</u>	CALLED OUT	ON LOCATION <u>4-23-14 Bottom 6:30a.m. 11:00p.m.</u>	JOB START <u>7:00a.m. 11:00a.m.</u>	JOB FINISH <u>12:00p.m.</u>
LEASE <u>Rees Ranch</u>	WELL # <u>12-19</u>	LOCATION <u>Manantial Rd 20 65 W</u>			COUNTY <u>Wichita</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)				<u>into pasture to end S + SE into</u>			

CONTRACTOR HO rig 1 OWNER Same

TYPE OF JOB Production (2 stage)
 HOLE SIZE 7 7/8 T.D. 4900'
 CASING SIZE 5 1/2 DEPTH 4686.91'
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DV TOOL DEPTH 2976.63'
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT 9.98'
 CEMENT LEFT IN CSG. 9.98'
 PERFS.
 DISPLACEMENT Bottom 40 water 71.3 sand Top
 EQUIPMENT 20.84 water

CEMENT AMOUNT ORDERED Bottom - 225 stks ASC 10%
Salt, 5" Gilsonite, 2" Gel, 1/4" Flo-seal
Top 520 stks Lite, 5" Gilsonite, 1/4" Flo-seal

PUMP TRUCK # 120 CEMENTER Paul Beaver
 HELPER Tyler Flipse
 BULK TRUCK # 891/310 DRIVER Brandon Wilkinson
 BULK TRUCK # 566 DRIVER Ramero (Two)

COMMON	@		
POZMIX	@		
GEL		<u>4 stks</u>	<u>23.40</u>
CHLORIDE	@		
ASC		<u>225 stks</u>	<u>20.90</u>
Lite		<u>580 stks</u>	<u>15.95</u>
Gilsonite		<u>4025 #</u>	<u>9.6</u>
Flo-seal		<u>201 #</u>	<u>2.97</u>
WFR-II (super flash)		<u>1266</u>	<u>58.70</u>
<u>Material Total</u>			
	@		<u>19,823.97</u>
	@	<u>(4,437.38)</u>	<u>(23%)</u>
<u>Service</u>			
HANDLING		<u>1005.88</u>	<u>4.5</u>
MILEAGE		<u>41.05</u>	<u>40.00</u>
		<u>2.60</u>	<u>7471.10</u>

REMARKS:

Bottom - Run Pipe float equip Drop ball, Ball went through shoe @ 4800' circ, mix 12 lb WFR-II, mix 225 stks ASC, wash up into pit, release plug, Displace w/ water + mud, plug did land @ 1200' w/ 1000 # 1 ft, Drop dirt spaced tool @ 900' circ. Top - mix 320 stks in R.H., mix 15 stks in m.H., mix 525 stks Lite wash up into pit, release plug, displace w/ water, plug did land @ 1700' w/ 900 # 1 ft pressure, cement did circ (30 bbl top ft)

DEPTH OF JOB	Bottom <u>4687'</u>	Top <u>2977'</u>
PUMP TRUCK CHARGE	<u>2765.75</u>	<u>2413.75</u>
EXTRA FOOTAGE	@	
MILEAGE m.H.V	<u>70</u>	<u>7.70</u>
MANIFOLD Head	@	<u>275.00</u>
MILV	<u>70</u>	<u>4.40</u>
	@	<u>308.00</u>

CHARGE TO: SDOCO Thank You!
 STREET _____
 CITY _____ STATE _____ ZIP _____

(3,748.35/23%) TOTAL \$16,297.10

To: Allied Oil & Gas Services, LLC.
 You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PLUG & FLOAT EQUIPMENT

Weather Ford	<u>5 1/2</u>		
AFU Float shoe	@		<u>545.00</u>
Latchdown the plug Assy	@		<u>660.00</u>
DV TOOL	@		<u>5,335.00</u>
Centralizers	<u>16</u>	<u>57.00</u>	<u>912.00</u>
Baskets	<u>2</u>	<u>395.00</u>	<u>790.00</u>
	<u>0.90</u>		
			TOTAL <u>\$8,242.00</u>

PRINTED NAME Gary Dole
 SIGNATURE [Signature]

SALES TAX (If Any) _____
 TOTAL CHARGES 43,832.15
 DISCOUNT 8,185.73 (23%) IF PAID IN 30 DAYS
35,646.41 Net

DRILL STEM TEST REPORT



Sdco, LLC
 P.O. Box 369
 Littleton, CO 80160

19-19s-35w-Wichita CO KS
 Rees Ranch #12-19
 Job Ticket: 56520
 DST#: 1
 Test Start: 2014.04.20 @ 18:46:00
 ATTN: Gary

GENERAL INFORMATION:

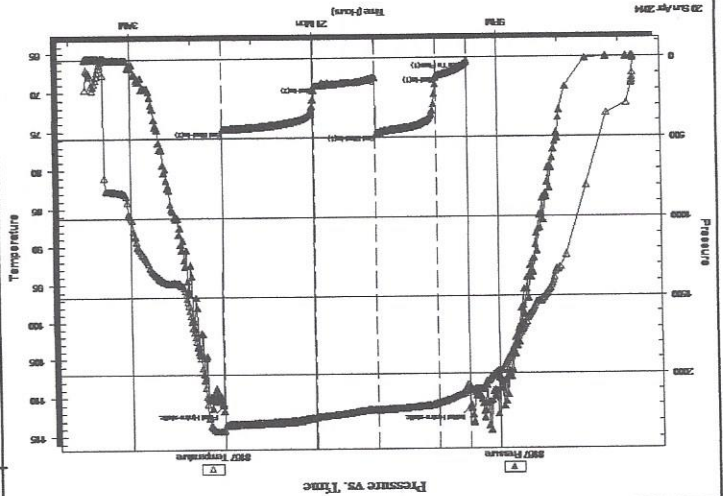
Formation: Marmoraton
 Deviated: No
 Whipstock: No
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Cornelio Landa III
 Unit No: 71
 Reference Elevations: 3158.00 ft (KB) 3147.00 ft (CF) 11.00 ft
 Interval: 4416.00 ft (KB) To 4473.00 ft (KB) (TVD)
 Total Depth: 4473.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inchesHole Condition: Good

Serial #: 8167
 Inside
 Press@RunDepth: 175.88 psig @ 4421.00 ft (KB)
 Start Date: 2014.04.20
 End Date: 2014.04.21
 Capacity: 8000.00 psig
 Last Calib.: 2014.04.21
 Time On Btm: 2014.04.20 @ 21:29:15
 Time Off Btm: 2014.04.21 @ 01:31:30

TEST COMMENT: IF: B.o.b. in 16 1/2 min.
 IS: Bled off in 2 min - Surface blow back-Built to 3 1/2 in. of Blow back
 FF: 4 in. Immediately-Built to B.o.b. in 12 min.
 FS: Bled off in 2 min -Surface blow back-Built to B.o.b. in 45 min.Died back to 8 1/2 in.

PRESSURE SUMMARY

Annotation	Temp (deg F)	Pressure (psig)	Time (Min.)
Initial Hydro-static	109.18	2209.34	0
Open To Flow (1)	108.62	19.81	1
Shut-In(1)	110.82	114.01	31
End Shut-In(1)	111.74	473.96	90
Open To Flow (2)	111.63	122.55	91
Shut-In(2)	112.60	175.88	150
End Shut-In(2)	113.54	443.62	241
Final Hydro-static	114.31	2195.44	243



Recovery

Length (ft)	Description	Volume (bbl)
184.00	G & Ocm 30g 300 40m	0.90
247.00	Cgo 30g 700	1.79
0.00	GIP=126	0.00
0.00	Weak GIP=378	0.00
0.00	Gravity=32	0.00

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcfd)

FLUID SUMMARY

DRILL STEM TEST REPORT



Sdcco, LLC
 P.O. Box 369
 Littleton, CO 80160
 ATTN: Gary
 Rees Ranch #12-19
 Job Ticket: 56520
 DST#:1
 Test Start: 2014.04.20 @ 18:46:00

Mud and Cushion Information

Mud Type: Gel Chem
 Mud Weight: 9.00 lb/gal
 Viscosity: 54.00 sec/qt
 Water Loss: 7.97 in³
 Resistivity: 0.00 ohm.m
 Salinity: 6500.00 ppm
 Filter Cake: 1.00 inches
 Cushion Type:
 Cushion Length: ft
 Cushion Volume: bbl
 Gas Cushion Type:
 Gas Cushion Pressure: psig
 Oil API: 32 deg API
 Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
184.00	G & Ocm 30g 300 40m	0.905
247.00	Cgo 30g 700	1.789
0.00	GIP=126	0.000
0.00	Weak GIP=378	0.000
0.00	Gravity=32	0.000

Total Length: 431.00 ft Total Volume: 2.694 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

DST Test Number: 1

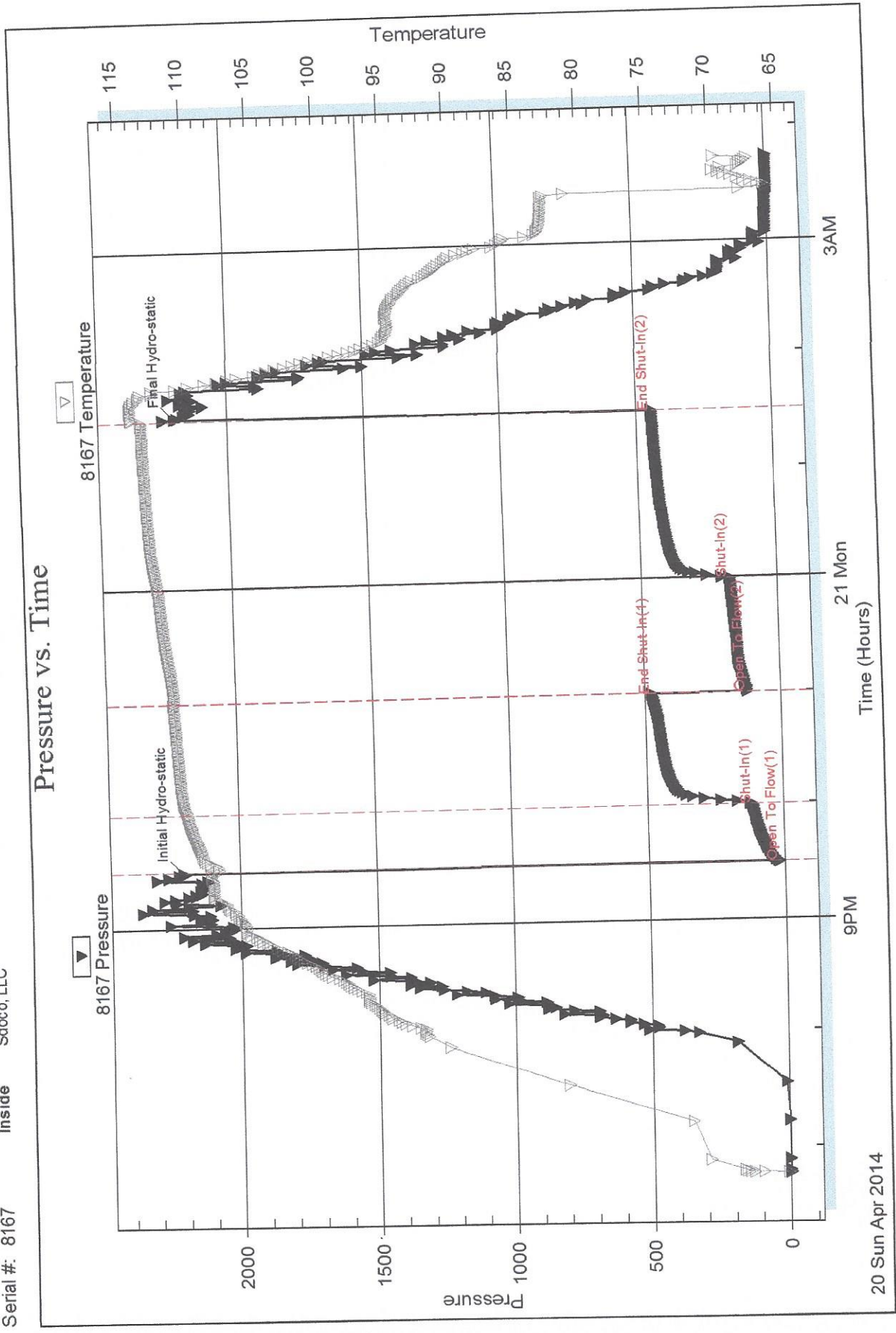
Rees Ranch #12-19

Sdoco, LLC

Inside

Serial #: 8167

Pressure vs. Time



Printed: 2014.04.22 @ 06:51:21

Ref. No: 56520

Triobite Testing, Inc

DRILL STEM TEST REPORT



Sdco, LLC
 P.O. Box 369
 Littleton, CO 80160

19-19s-35w-Wichita CO KS
 Rees Ranch #12-19
 Job Ticket: 57057
 DST#:2
 ATTN: Gary
 Test Start: 2014.04.21 @ 22:02:00

GENERAL INFORMATION:

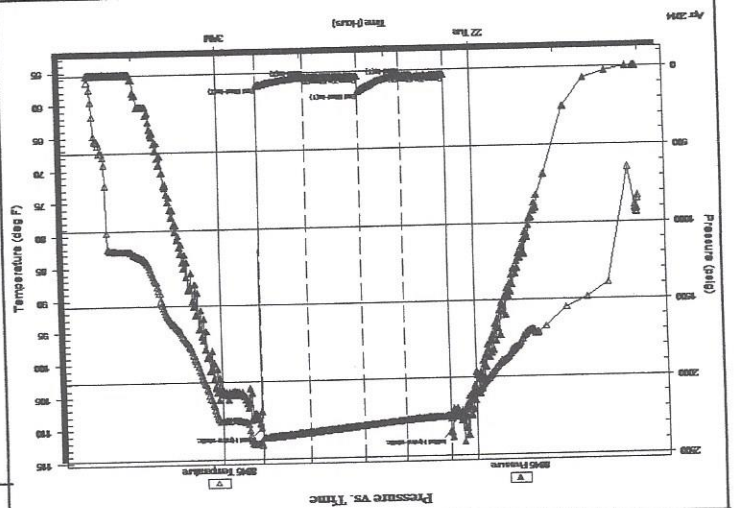
Formation: F. Scott
 Deviated: No
 Whipstock: No
 Time Tool Opened: 00:18:30
 Time Test Ended: 04:32:15
 Interval: 4530.00 ft (KB) To 4590.00 ft (KB) (TVD)
 Total Depth: 4590.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inchesHole Condition: Good
 Reference Elevations: 3158.00 ft (KB)
 3147.00 ft (CF)
 11.00 ft
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Samuel Esparza
 Unit No: 71

Serial #: 8845
 Inside
 Press@RunDepth: 34.34 psig @
 4538.00 ft (KB)
 End Date: 2014.04.21
 End Time: 22:02:05
 Start Date: 2014.04.22 @ 00:18:15
 Start Time: 04:32:14
 Capacity: 8000.00 psig
 Last Call: 2014.04.22
 Time On Btm: 2014.04.22 @ 00:18:15
 Time Off Btm: 2014.04.22 @ 02:33:15

TEST COMMENT: IF: Weak Surface Blow died @ 10 min.
 IS: No Return.
 FF: No Blow.
 FS: No Return.

PRESSURE SUMMARY

Annotation	Pressure (psig)	Temp (deg F)	Time (Min.)
Initial Hydro-static	2340.34	109.05	0
Open To Flow (1)	31.64	108.33	1
Shut-in(1)	31.74	109.14	32
End Shut-in(1)	131.18	109.85	62
Open To Flow (2)	33.25	109.83	62
Shut-in(2)	34.34	110.73	100
End Shut-in(2)	82.81	111.45	134
Final Hydro-static	2299.81	112.14	135



Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud 100m (Oil Spots)	0.02

Recovery from multiple tests

Ref. No: 57057

Printed: 2014.04.22 @ 06:43:50

Gas Rates

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

FLUID SUMMARY

DRILL STEM TEST REPORT



RILOBITE TESTING, INC.

Sdoco, LLC
 P.O. Box 369
 Littleton, CO 80160
 ATTN: Gary
 Rees Ranch #12-19
 Job Ticket: 57057 DST#: 2
 Test Start: 2014.04.21 @ 22:02:00

Mud and Cushion Information

Mud Type: Gel Chem
 Mud Weight: 9.00 lb/gal
 Viscosity: 60.00 sec/qt
 Water Loss: 8.79 in³
 Resistivity: 0.00 ohm.m
 Salinity: 7500.00 ppm
 Filter Cake: 1.00 inches
 Cushion Type:
 Cushion Length: ft
 Cushion Volume: bbl
 Gas Cushion Type:
 Gas Cushion Pressure: psig
 Oil API: deg API
 Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud 100m (Oil Spots)	0.025
Total Length:		5.00 ft
Total Volume:		0.025 bbl

Num Fluid Samples: 0
 Laboratory Name:
 Recovery Comments:
 Num Gas Bombs: 0
 Laboratory Location:
 Serial #:

DST Test Number: 2

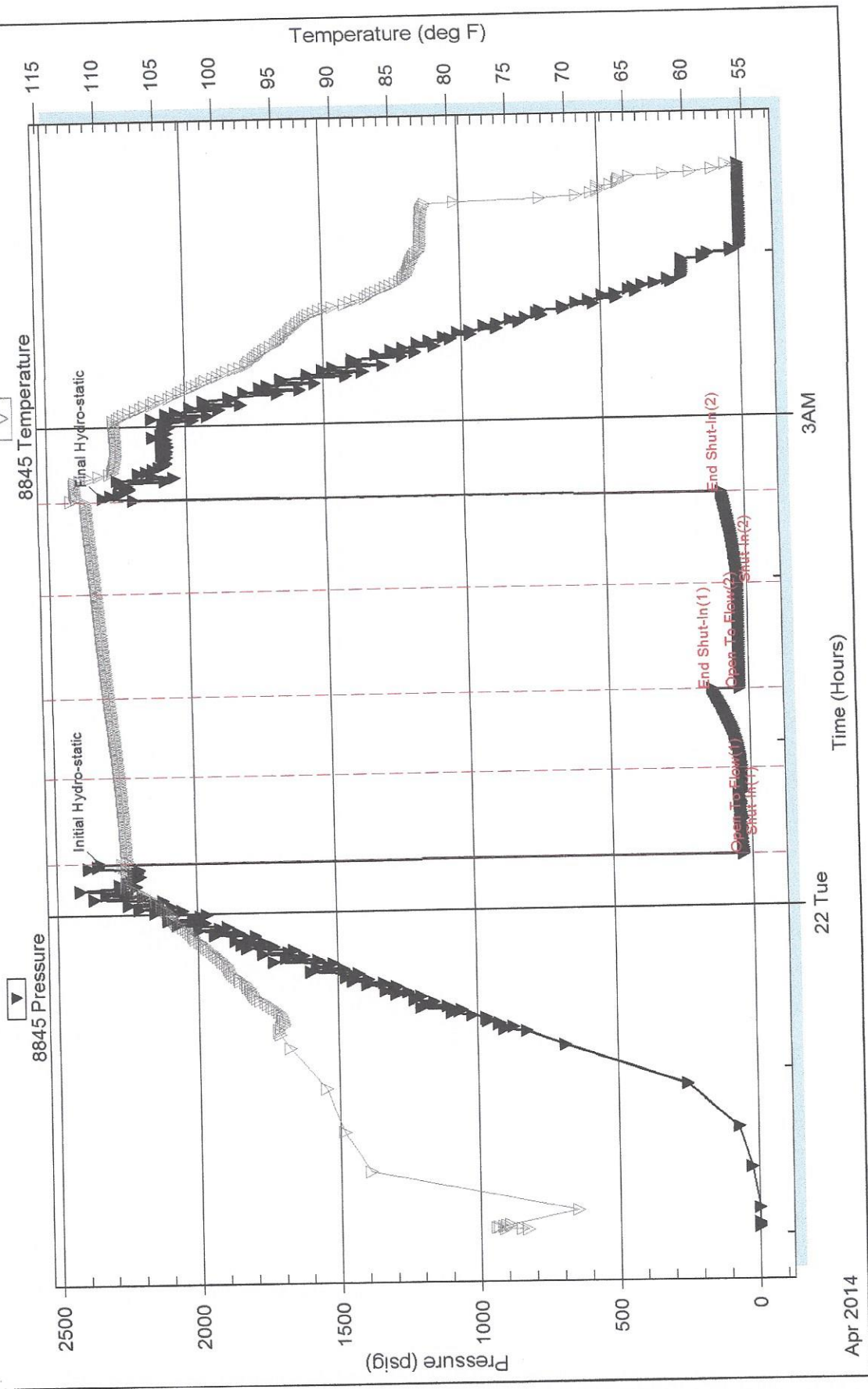
Rees Ranch #12-19

Inside Sdoco, LLC

Serial #: 8845

8845 Pressure

Pressure vs. Time



Printed: 2014.04.22 @ 06:43:51

Ref. No: 57057

Trilobite Testing, Inc

5 1/2" Production Casing Set

Contractor: H2 Drilling Co. (rig #1)

Commenced: April 16, 2014

Completed: April 23, 2014

Elevation: 3151' K.B., 3149' D.F., 3141' G.L.

Casing program: Surface; 8 5/8" @ 252'
Production, 5 1/2" @ 4899'

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 were two (2) Drill Stem Tests ran by Trilobite Testing Co.

Electric Log: By Weatherford; Array Induction Shallow Focused Electric Log; Compact Photo Density, Compensated Neutron Microresistivity Log and Microresistivity Log.

<u>Formation</u>	<u>Log Depth</u>	<u>Sub-Sea Datum</u>
Base Anhydrite	2310	+841
Hebner	3912	-761
Toronto	3937	-786
Lansing	3958	-807
Stark Shale	4272	-1121
Base Kansas City	4416	-1265
Marmaton	4446	-1295
Pawnee	4539	-1388
Fort Scott	4573	-1422
Cherokee Shale	4618	-1467
Morrow	4800	-1649
Rotary Total Depth	4900	-1749
Log Total Depth	4900	-1749

(All top and zone determination were made from a correlation of Electric Log measurements).

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

LANSING SECTION

3926-3954'	NO SHOWS encountered in the drilling of the Tereka and Tereka sections. (see attached sample log/geologist report).
3800-3912 & 3926-3954'	
3958-3972'	Limestone, cream, light gray, finely crystalline, slightly sucrosic, oolitic, few fossiliferous, chalky, poor visible porosity, plus chert, cream, tan, boney.
4000-4020'	Limestone, cream, light gray, finely crystalline, oolitic, poor scattered pinpoint type porosity, chalky in part, trace brown stain, no free oil and no odor.
4023-4040'	Limestone, tan, light gray, finely crystalline, slightly chalky, poor visible porosity, no shows.
4050-4069'	Limestone, white, cream light gray, finely crystalline, oolitic, poor crystalline type porosity, dark brown to black stain, no show of free oil and no odor in fresh samples.
4088-4100'	Limestone, cream, white and light gray, slightly oolitic, chalky, poorly developed porosity, dark brown to black stain, show of free oil (dead) and no odor in fresh samples.
4110-4150'	Limestone, tan, cream, finely crystalline, oolitic, poor porosity, plus trace chert; white, gray, boney, questionable discoloration in limestone, no free oil and no odor in fresh samples.
4178-4197'	Limestone, white, cream, finely crystalline, cherty in part, poor porosity, no shows.
4212-4223'	Limestone, white, cream, finely crystalline, poorly developed pinpoint to fine inter-crystalline porosity, chalky, trace black stain, no free oil and no odor in fresh samples.
4230-4238'	Limestone, cream, white, oolitic sub oomoldic, chalky, trace spotty stain, no free oil and no odor in fresh samples.
4246-4260'	Limestone, white, cream, finely crystalline, oolitic, oomoldic, good oomoldic porosity, chalky, trace poor stain, no free oil and no odor, plus white, cream, boney chert.
4280-4288'	Limestone, tan, gray, finely crystalline, oolitic, poor visible porosity, chalky, spotty stain, no free oil and no odor in fresh samples.
4301-4320'	Limestone, gray, light gray, finely crystalline, chalky, no shows.
4336-4351'	Limestone, gray, light gray, finely crystalline, poor visible porosity, slightly chalky, dense.

MARMATON SECTION

4400-4410' Limestone, cream, tan, finely crystalline, highly oolitic, poor to fair porosity, no shows.

slightly chalky, dense.

4458-4467' Limestone, white, light gray, cream, finely crystalline, highly oolitic, poor to fair finely vuggy type porosity, golden brown to dark brown stain, show of free oil and fair to good odor when samples broken.

Drill Stem Test #1 4416-4473

Times: 30-60-60-90

Blow: Strong

Recovery: 534' gas in pipe
184' gassy oil cut mud
(30% gas; 30% oil; 40% mud)
247' gassy oil

Pressures: ISIP 474 psi
FSIP 444 psi
IFP 20-114 psi
FFP 123-176 psi
HSH 2209-2195 psi

4497-4510' Limestone, tan, gray, finely crystalline, oolitic; plus tan/gray, chert, no shows.

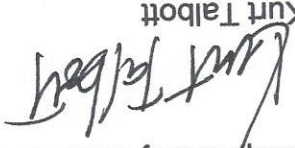
PAWNEE SECTION

4539-4552' Limestone, light gray tan, finely crystalline oolitic/fossiliferous, poor pinpoint to inter-crystalline porosity, trace spotty stain, no free oil in fresh samples.

4555-4570' Limestone, as above, plus tan/gray chert, no shows.

FT SCOTT SECTION

4573-4585' Limestone, cream, light gray, finely crystalline, oolitic, fair porosity, golden brown stain, fair show of free oil and fair odor in fresh samples, plus chert, tan/cream, boney.

Respectfully submitted;

 Kurt Talbott
 Petroleum Geologist

Recommendations: The 5 1/2 Production Casing Set was set and cemented on the Rees Ranch #12-19.

Rotary Total Depth 4900 - 1749
Log Total Depth 4900 - 1749

4800-4900' Varied colored shales; few silty and sandy in part, no good sand development.

MORROW SECTION

4620-4030' Limestone, gray, tan, white, finely crystalline, chalky, poor porosity, no shows.

4661-4676' Limestone, tan, gray, finely oolitic, poor porosity, no shows.

4700-4740' Limestone, tan, buff, finely dense, few oolitic, fossiliferous, chalky; plus scattered white/amber chert.

4740-4795' Limestone, tan, gray, finely crystalline, fossiliferous, cherty in part, few sandy, no shows.

CHEROKEE SECTION

4606-4616' Limestone, tan, buff, finely crystalline, cherty in part, dense, trace sandy white, limestone, at base.

Pressures: ISIP 131 psi
 FSIP 83 psi
 IFP 32-32 psi
 FFP 33-34 psi
 HSH 2340-2300 psi

Recovery: 5' mud

Blow: Weak

Conservation Division
266 N. Main St., Ste. 220
Wichita, KS 67202-1513



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

Shari Feist Albrecht, Chair
Jay Scott Emler, Commissioner
Pat Apple, Commissioner

Sam Brownback, Governor

September 09, 2014

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

Re: ACO-1
API 15-203-20257-00-00
Rees Ranch 12-19
SW/4 Sec.19-19S-35W
Wichita County, Kansas

Dear J. Robert Tuck:

K.A.R. 82-3-107 provides for all completion information to be filed within 120 days of the spud date. Subsection(e)(2) of that regulation states "All rights to confidentiality shall be lost if the filings are not timely."

The above referenced well was spudded on 04/16/2014 and the ACO-1 was received on August 27, 2014 (not within the 120 days timely requirement).

Therefore, your request for confidential treatment of data contained within the ACO-1 filing cannot be granted at this time.

If you should have any questions, please do not hesitate to contact me at (316)337-6200.

Sincerely,

Production Department