

1262135



Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Geologist Report / Mud Logs <input type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

1. Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*
3. Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

Date of first Production/Injection or Resumed Production/Injection:	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5) (Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom
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Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:	
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Form	ACO1 - Well Completion
Operator	Red Oak Energy, Inc.
Well Name	Schemm Trust 1-16
Doc ID	1262135

All Electric Logs Run

DIL
CND
MIC
SON

ALLIED OIL & GAS SERVICES, LLC

Federal Tax I.D. #20-5975804

21930
877
067685

REMIT TO P.O. BOX 9399
SOUTHLAKE, TEXAS 76092

SERVICE POINT:

Oakley, Ky

DATE <u>9/15/15</u>	SEC. <u>16</u>	TWP. <u>14</u>	RANGE <u>40</u>	CALLED OUT	ON LOCATION	JOB START <u>5:00pm</u>	JOB FINISH <u>6:00pm</u>
LEASE <u>Schemm</u>	WELL # <u>1-16</u>	LOCATION <u>Sharon Springs S 70 Jack Rabbit</u>		COUNTY <u>Wallace</u>	STATE <u>KS</u>		
OLD OR NEW (Circle one) <u>NEW</u>				<u>Ad law into</u>			

CONTRACTOR MudBw 21
 TYPE OF JOB PTA
 HOLE SIZE 7 7/8 T.D.
 CASING SIZE 8 5/8 DEPTH 307
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT
 CEMENT LEFT IN CSG.
 PERFS.
 DISPLACEMENT

OWNER Same
 CEMENT
 AMOUNT ORDERED 255 60/40 40mgd
14 P00

EQUIPMENT
 PUMP TRUCK CEMENTER Alan Ryan
 # 695-281 HELPER Kevin Ryan
 BULK TRUCK
 # 873 DRIVER Wayne McShghy
 BULK TRUCK
 # DRIVER

AM 60/40 40mgd
COMMON 255 @ 18.22 4824.60
 POZMIX @
 GEL @
 CHLORIDE @
 ASC @
FioSeal 64lb @ 2.97 190.08
 @
 @
 @
 @
 @
 @

TOTAL 5,014.68
 DISCOUNT 50% 2507.34

REMARKS:
50 SIL @ 2800'
100 SIL @ 1800'
50 SIL @ 360'
10 SIL @ 40'
15 SIL - MH
30 SIL - RV

SERVICE
 HANDLING 273 87 CP @ 2.40 679.20
 MILEAGE 225 700/mile 11.44 700 1415.20
 DEPTH OF JOB
 PUMP TRUCK CHARGE 2820 2483.59
 EXTRA FOOTAGE @
 HV MILEAGE 45 @ 4.40 346.50
 LV MILEAGE 45 @ 4.40 198.00
 @
 @

TOTAL 5,122.98
 DISCOUNT 50% 2561.49

CHARGE TO: Red Coll
 STREET
 CITY STATE ZIP

PLUG & FLOAT EQUIPMENT

8 5/8" Mudm Plug @ 110.00
 @
 @
 @
 @

TOTAL 110.00
 DISCOUNT 0% 0

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 Juan Tinoco
 SIGNATURE Juan Tinoco

SALES TAX (If Any)
 TOTAL CHARGES 10,247.66
 DISCOUNT 5,068.83 IF PAID IN 30 DAYS
 NET TOTAL 5,178.83 IF PAID IN 30 DAYS



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Red Oak Energy, Inc.

S16-14s-40w Wallace/KS

7701 E Kellog Dr.
STE 710
Wichita, KS 67207
ATTN: Sean Deenihan

Shemm Trust #1-16

Job Ticket: 61718

DST#: 1

Test Start: 2015.09.24 @ 00:53:00

GENERAL INFORMATION:

Formation: **Morrow**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:21:40

Time Test Ended: 08:57:50

Test Type: Conventional Bottom Hole (Initial)

Tester: Chuck Smith

Unit No: 61

Interval: 4882.00 ft (KB) To 4955.00 ft (KB) (TVD)

Reference Elevations: 3696.00 ft (KB)

Total Depth: 4955.00 ft (KB) (TVD)

3686.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 8357

Inside

Press@RunDepth: 970.79 psig @ 4884.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.09.24

End Date:

2015.09.24

Last Calib.: 2015.09.24

Start Time: 00:53:02

End Time:

08:57:50

Time On Btm: 2015.09.24 @ 03:20:30

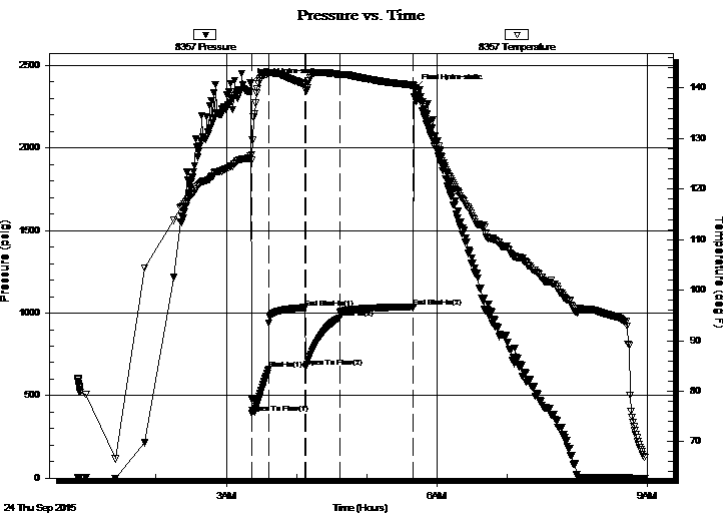
Time Off Btm: 2015.09.24 @ 05:41:30

TEST COMMENT: 15- B.O.B. @ 1 1/2 min.

30- 8" Return.

30- B.O.B. @ 2 min.

60- No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2398.02	126.49	Initial Hydro-static
2	392.46	126.81	Open To Flow (1)
16	659.58	142.89	Shut-In(1)
47	1033.84	140.76	End Shut-In(1)
48	672.15	140.22	Open To Flow (2)
77	970.79	142.63	Shut-In(2)
140	1038.38	140.56	End Shut-In(2)
141	2362.55	139.90	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1476.00	MW 5m 95w Heavy bubbling.	18.79
252.00	MW 25m 75w	3.53
390.00	WM 20w 80m	5.47

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Red Oak Energy, Inc.

S16-14s-40w Wallace/KS

7701 E Kellog Dr.

Shemm Trust #1-16

STE 710

Job Ticket: 61718

DST#: 1

Wichita, KS 67207

Test Start: 2015.09.24 @ 00:53:00

ATTN: Sean Deenihan

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

64000 ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.20 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2200.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
1476.00	MW 5m 95w Heavy bubbling.	18.791
252.00	MW 25m 75w	3.535
390.00	WM 20w 80m	5.471

Total Length: 2118.00 ft Total Volume: 27.797 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW: .160 @ 53 Degrees F = 64000 PPM

Pressure vs. Time

