OPERATOR

Company: CAERUS KANSAS LLC

Address: P. O. BOX 1378

HAYS, KS 67601

Contact Geologist: **BRIAN KARLIN** Contact Phone Nbr: (785) 623-3290 Well Name: **WATERS 30-43**

S2 SE NE SE 30-24S-14W

Location: Pool:

KANSAS State: Country: USA

API:

Field:

Latitude:

37.9311191

15-185-23680

SATTERLEE



Scale 1:240 Imperial

Well Name: **WATERS 30-43**

Surface Location: S2 SE NE SE 30-24S-14W

Bottom Location:

API: 15-185-23680

License Number: 34110

11/16/2011 Spud Date: Time: 3:34 PM

Region: STAFFORD

Drilling Completed: 11/23/2011 Time: 4:51 AM

Surface Coordinates: 1400' FSL & 330' FEL

Bottom Hole Coordinates:

Ground Elevation: 1990.00ft K.B. Elevation: 1999.00ft

To: Logged Interval: 0.00ft 0.00ft

Total Depth: 4448.00ft

Formation:

Drilling Fluid Type: FRESH WATER/CHEMICAL GEL

SURFACE CO-ORDINATES

Vertical Well Type: Longitude: -98.8953390

N/S Co-ord: 1400' FSL E/W Co-ord: 330' FEL

LOGGED BY



Company: SOLUTIONS CONSULTING

Address: 108 W 35TH

HAYS, KS 67601

Phone Nbr: (785) 259-3737

Logged By: Geologist Name: JEFF LAWLER

CONTRACTOR

MAVERICK DRILLING LLC Contractor:

Rig #:

MUD ROTARY Rig Type:

 Spud Date:
 11/16/2011
 Time:
 3:34 PM

 TD Date:
 11/23/2011
 Time:
 4:51 AM

 Rig Release:
 11/24/2011
 Time:
 12:00 AM

ELEVATIONS

K.B. Elevation: 1999.00ft Ground Elevation: 1990.00ft

K.B. to Ground: 9.00ft

NOTES

DUE TO THE LOW STRUCTURAL POSITION TO OFFSET WELLS AND LACK OF AN ECONOMICAL RECOVERY ON DST #1, DECISION WAS MADE BY THE OPERATOR TO PLUG AND ABANDON WELL.

RESPECTFULLY SUBMITTED, JEFF LAWLER

DST #1 ARBUKCLE



DRILL STEM TEST REPORT

Caerus Kansas LLC 30-24-14w Stafford

P.O. Box 1378, Waters 30-43

Hays KS, 67601 Job Ticket: 44675 **DST#:1**

ATTN: Jeff Lawler Test Start: 2011.11.22 @ 12:00:00

GENERAL INFORMATION:

Formation: Arbuckle

Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Initial)

Time Tool Opened: 13:54:30 Tester: Cody Bloedorn

Time Test Ended: 21:43:30 Unit No: 41

Interval: 4308.00 ft (KB) To 4377.00 ft (KB) (TVD) Reference ⊟evations: 1999.00 ft (KB)

Total Depth: 4377.00 ft (KB) (TVD) 1990.00 ft (CF)

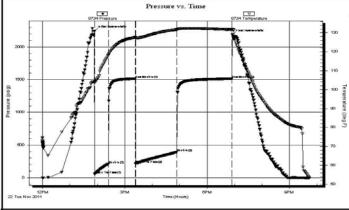
Hole Diameter: 7.88 inchesHole Condition: Fair KB to GR/CF: 9.00 ft

Serial #: 8734 Outside

Press@RunDepth: 391.49 psig @ 4374.00 ft (KB) Capacity: 8000.00 psig Start Date: 2011.11.22 End Date: 2011.11.22 Last Calib .: 2011.11.22 2011.11.22 @ 13:54:00 Start Time: 12:00:01 End Time: 21:43:30 Time On Btm: Time Off Btm: 2011.11.22 @ 18:55:00

TEST COMMENT: 30 - IF- B.O.B. in 20 Min.

60 - ISI- No blow back 90 - FF- B.O.B. in 25 Min. 120 - FSI- No blow back



		L COMMUNICA		
-	Time	Pressure	Temp	Annotation
1	(Min.)	(psig)	(deg F)	
	0	2245.03	104.22	Initial Hydro-static
	1	54.71	103.80	Open To Flow (1)
	30	208.35	118.09	Shut-In(1)
	89	1512.84	127.48	End Shut-In(1)
9000	90	213.45	127.17	Open To Flow (2)
rature	180	391.49	131.63	Shut-In(2)
Temperature (deg F)	300	1512.63	131.71	End Shut-In(2)
J	301	2185.54	131.89	Final Hydro-static

PRESSURE SUMMARY

Recovery					
Length (ft)	gth (ft) Description				
434.00	GVSOCMW, 5%G, 5%O, 20%M, 70%W	3.26			
372.00	GVSOCM, 5%G, 5%O, 90%M	5.22			

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

Trilobite Testing, Inc Ref. No: 44675 Printed: 2011.11.23 @ 08:30:56

