



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Shakespeare oil Co.
202 W. Main Salem IL 62881
ATTN: Tim Priest

Janzen 1-16
16,16,34,Scott,Ks
Job Ticket: 040499 **DST#: 7**
Test Start: 2010.12.20 @ 04:26:12

GENERAL INFORMATION:

Formation: **Johnson**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 07:01:22
Time Test Ended: 13:22:37
Interval: **4650.00 ft (KB) To 4730.00 ft (KB) (TVD)**
Total Depth: 4730.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole
Tester: Brandon Turley
Unit No: 35
Reference Elevations: 3149.00 ft (KB)
3139.00 ft (CF)
KB to GR/CF: 10.00 ft

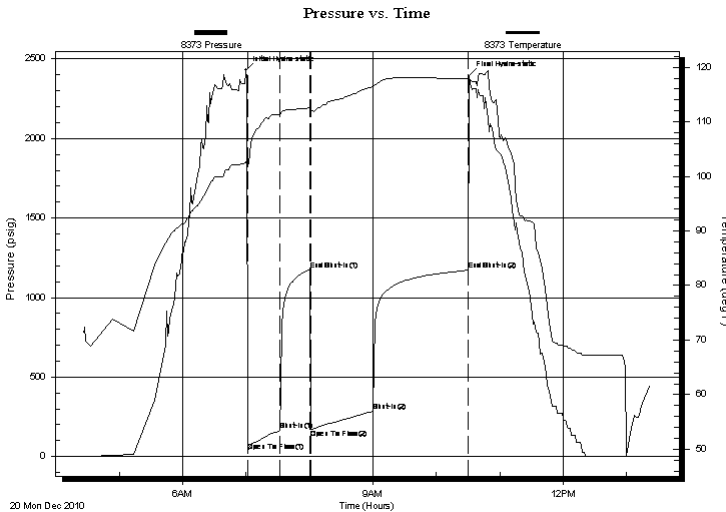
Serial #: 8373

Inside

Press @ Run Depth: 284.25 psig @ 4655.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2010.12.20 End Date: 2010.12.20 Last Calib.: 2010.12.20
Start Time: 04:26:12 End Time: 13:22:37 Time On Btm: 2010.12.20 @ 06:59:52
Time Off Btm: 2010.12.20 @ 10:30:51

TEST COMMENT: IF: 1/4 blow built to 3 in 30 min.
IS: No return.
FF: 1/4 blow BOB in 18 min. Blow died back to 1".
FS: No return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2428.13	102.62	Initial Hydro-static
2	35.73	101.80	Open To Flow (1)
32	165.80	111.28	Shut-In(1)
61	1174.95	112.53	End Shut-In(1)
62	168.61	112.11	Open To Flow (2)
121	284.25	116.47	Shut-In(2)
211	1171.52	117.83	End Shut-In(2)
211	2393.86	118.10	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	mcw 80%w 20%m	0.30
124.00	mcw 70%w 30%m	1.21
186.00	gocm 20%g 35%o 45%m	2.61
124.00	gocm 20%g 30%o 50%m	1.74
155.00	gocm 10%g 10%o 80%m	2.17
0.00	465 GIP	0.00

Gas Rates

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



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Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 0 deg API
Mud Weight: 10.00 lb/gal	Cushion Length: ft	Water Salinity: 23000 ppm
Viscosity: 50.00 sec/qt	Cushion Volume: bbl	
Water Loss: 8.78 in ³	Gas Cushion Type:	
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig	
Salinity: 8000.00 ppm		
Filter Cake: 1.00 inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
62.00	mcw 80%w 20%m	0.305
124.00	mcw 70%w 30%m	1.211
186.00	gocm 20%g 35%o 45%m	2.609
124.00	gocm 20%g 30%o 50%m	1.739
155.00	gocm 10%g 10%o 80%m	2.174
0.00	465 GIP	0.000

Total Length: 651.00 ft Total Volume: 8.038 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments: .33@64=23000

