



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
- Conv. to GSW
- Plug Back: _____ Plug Back Total Depth _____
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

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

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total 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

- Letter of Confidentiality Received
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____



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

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

INSTRUCTIONS: Show important tops and base 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. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

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 Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> 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
_____ Perforate _____ Protect Casing _____ Plug Back TD _____ Plug Off Zone				

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)* _____

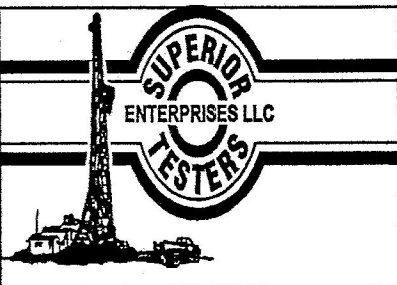
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD 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	Bird Dog Oil, LLC
Well Name	Beaver S-Reif 1-22
Doc ID	1165564

All Electric Logs Run

DI
CDNL
Micro
Sonic



DRILL STEM TEST REPORT

Bird Dog Oil LLC
 1801 Broadway
 Suite 450
 Denver, Colorado 80202
 ATTN: Derek Patterson

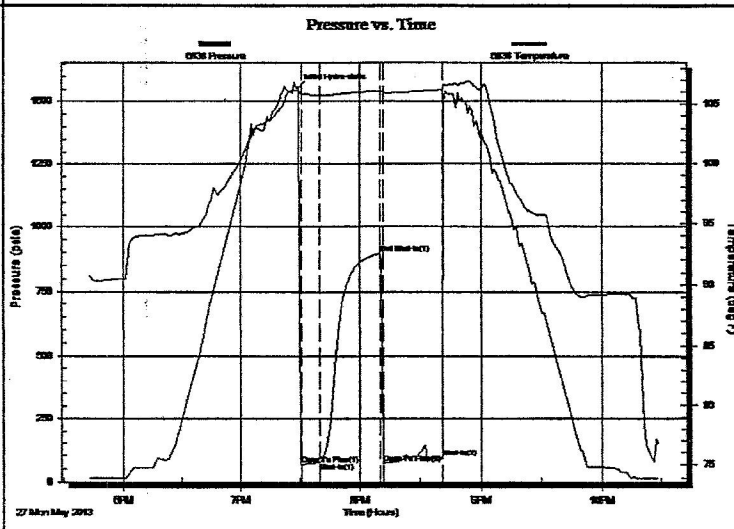
22/16S/12W/Barton
Beaver S-Reif #1-22
 Job Ticket: 17496 **DST#: 1**
 Test Start: 2013.05.27 @ 17:42:00

GENERAL INFORMATION:

Formation: **Lansing/Kansas City**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 19:30:30
 Time Test Ended: 22:29:00
 Interval: **3091.00 ft (KB) To 3168.00 ft (KB) (TVD)**
 Total Depth: 3168.00 ft (KB) (TVD)
 Hole Diameter: 7.80 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Ken Swinney
 Unit No: 3325 Great Bend/50
 Reference Elevations: 1933.00 ft (KB)
 1926.00 ft (CF)
 KB to GR/CF: 7.00 ft

Serial #: 6838 **Inside**
 Press@RunDepth: 897.40 psia @ 3158.43 ft (KB) Capacity: 5000.00 psia
 Start Date: 2013.05.27 End Date: 2013.05.27 Last Calib.: 2013.05.27
 Start Time: 17:42:00 End Time: 22:28:30 Time On Btm: 2013.05.27 @ 19:29:00
 Time Off Btm:

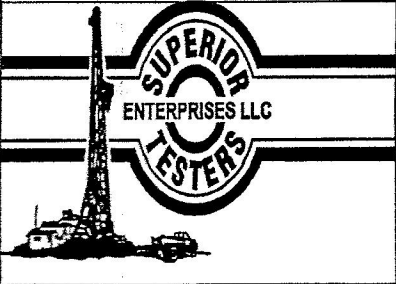
TEST COMMENT: 1ST Open 10 Minutes/Weak blow/Blow built to 2 inches in bucket of water
 1ST Shut In 30 Minutes/No blow back
 2ND Open 30 Minutes/Weak blow/Blow built to 4 1/2 inches in bucket of water
 No second shut in/Pull test



PRESSURE SUMMARY			
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1552.32	106.19	Initial Hydro-static
2	64.88	105.88	Open To Flow (1)
11	72.47	105.75	Shut-In(1)
41	897.40	106.10	End Shut-In(1)
43	69.64	105.97	Open To Flow (2)
72	94.15	106.23	Shut-In(2)

Recovery		
Length (ft)	Description	Volume (bbl)
50.00	Mud 100%	0.70

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



DRILL STEM TEST REPORT

Bird Dog Oil LLC

22/16S/12W/Barton

1801 Broadway
Suite 450
Denver, Colorado 80202
ATTN: Derek Patterson

Beaver S-Reif #1-22

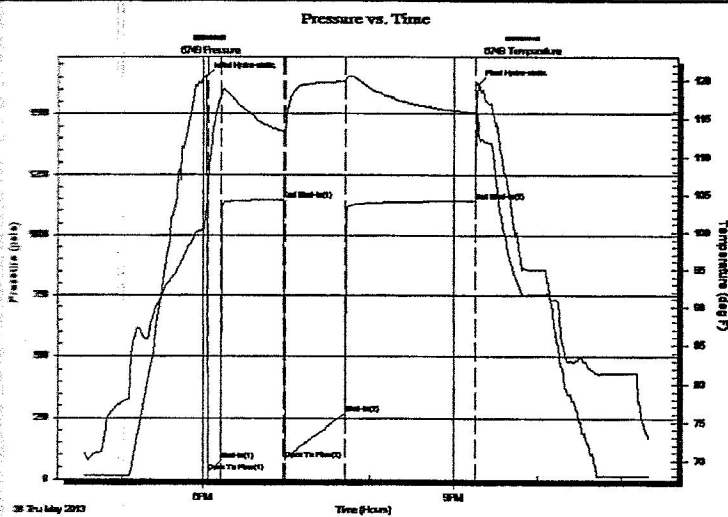
Job Ticket: 18126 DST#: 6
Test Start: 2013.05.30 @ 16:32:00

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 18:03:30
 Time Test Ended: 23:21:00
 Interval: **3399.00 ft (KB) To 3404.00 ft (KB) (TVD)**
 Total Depth: 3404.00 ft (KB) (TVD)
 Hole Diameter: 7.80 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Ken Swinney
 Unit No: 3325 Great Bend/50
 Reference Elevations: 1933.00 ft (KB)
 1926.00 ft (CF)
 KB to GR/CF: 7.00 ft

Serial #: 6749 Inside
 Press@RunDepth: 267.93 psia @ 3400.00 ft (KB) Capacity: 5000.00 psia
 Start Date: 2013.05.30 End Date: 2013.05.30 Last Calib.: 2013.05.31
 Start Time: 16:32:00 End Time: 23:21:00 Time On Btm: 2013.05.30 @ 18:02:30
 Time Off Btm: 2013.05.30 @ 21:17:00

TEST COMMENT: 1ST Open 10 Minutes/Good blow/Blow built to bottom of bucket in 5 minutes 45 seconds
 1ST Shut In 45 Mintues/Blow back built to 1 1/2 inch
 2ND Open 45 Mintues/Good blow/Blow built to bottom of bucket in 7 minutes 30 seconds
 2ND Shut In 90 Minutes/No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1649.81	103.02	Initial Hydro-static
1	33.64	106.32	Open to Flow #1
11	76.24	117.85	Shut-in #1
56	1145.47	113.34	End Shut-in #1
57	82.22	113.56	Open to Flow #2
101	267.93	119.90	Shut-in #2
193	1142.07	115.81	End Shut-in #2
195	1621.47	114.06	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
598.00	Clean Gassy Oil	8.39
0.00	Gas 15% Oil 85%	0.00
62.00	Water and Mud cut Gassy Oil	0.87
0.00	Water 10% Mud 10% Gas 15% Oil 65%	0.00
0.00	Corrected Spec. Grav. Oil 37	0.00
0.00	Recovery Chlorides 25000 ppm	0.00

Gas Rates

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

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

6820

Phone 785-483-2025
 Toll 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No.

Date	5-24-13	Sec.	22	Twp.	16	Range	12	County	Barton	State	Ks	On Location		Finish	3:15 AM
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Lease Beavers - Reif Location Beaver, Ks - 1 1/2 E N 15

Well No. 1-22 Owner

Contractor Southwind HU
 To Quality Oilwell Cementing, Inc.
 You are hereby requested to rent cementing equipment and furnish
 cementer and helper to assist owner or contractor to do work as listed.

Type Job Surface Charge To Bird dog oil

Hole Size 12 1/4" T.D. 435'
 Csg. 8 5/8" Depth 435' Street

Tbg. Size Depth City State

Tool Depth The above was done to satisfaction and supervision of owner agent or contractor.

Cement Left in Csg. 20' Shoe Joint 20' Cement Amount Ordered 200 5X Common 3"6" C

Meas Line Displace 26 BUS 266 gal
 EQUIPMENT Common 200

Pumptrk	15	No.	Cementer Helper	<u>Rick Nick</u>	Poz. Mix
Bulktrk	10	No.	Driver	<u>Chad</u>	Gel. <u>4</u>
Bulktrk		No.	Driver	<u>Clayton</u>	Calcium <u>7</u>

JOB SERVICES & REMARKS

Remarks: Cement did Circulate. Hulls

Rat Hole Salt

Mouse Hole Flowseal

Centralizers Kol-Seal

Baskets Mud CLR 48

D/V or Port Collar CFL-117 or CD110 CAF 38

Handling 211

Mileage

FLOAT EQUIPMENT

Guide Shoe

Centralizer

Baskets

AFU Inserts

Float Shoe

Latch Down

Pumptrk Charge Surface

Mileage 28

Signature [Signature] Tax Discount Total Charge

