



KANSAS CORPORATION COMMISSION 1093103  
OIL & GAS CONSERVATION DIVISION

Form ACO-1

June 2009

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
- 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: \_\_\_\_\_



1093103

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> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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# QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025  
Cell 785-324-1041

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

No. 962

Date	8-15-12	Sec.	31	Twp.	19	Range	10	County	Rice	State	Ks	On Location		Finish	9/15/12
Lease	Siekler		Well No.	31-2		Location Ellinwood, Ks - E to 2nd Rd, 4002									
Contractor	Royal #12					Owner across RR Tracks, W/Enis									
Type Job	Surface					To Quality Oilwell Cementing, Inc.									
Hole Size	12 1/4"		T.D.	289'		You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.									
Csg.	8 7/8"		Depth	289'		Charge To	Quest Energy								
Tbg. Size			Depth			Street									
Tool			Depth			City					State				
Cement Left in Csg.	15'		Shoe Joint	15'		The above was done to satisfaction and supervision of owner agent or contractor.									
Meas Line			Displace	17 1/4 BLS		Cement Amount Ordered					225 sacks Common 57 CC				
<b>EQUIPMENT</b>						2% Gel 1/40 Fl. Seal									
Pumptrk	9	No.	Cement	Team's		Common									
Bulktrk	4	No.	Driver	Denny		Poz. Mix									
Bulktrk	p.u.	No.	Driver	Rick		Gel.									
<b>JOB SERVICES &amp; REMARKS</b>						Calcium									
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									
						Sand									
						Handling									
						Mileage									
<b>FLOAT EQUIPMENT</b>															
						Guide Shoe									
						Centralizer									
						Baskets									
						AFU Inserts									
						Float Shoe									
						Latch Down									
						Pumptrk Charge									
						Mileage									
											Tax				
											Discount				
											Total Charge				
X Signature															

# QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025  
Cell 785-324-1041

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

No. 949

Date	8-21-12	Sec.	31	Twp.	17	Range	10	County	Rice	State	Ks	On Location		Finish	5:00 AM				
Lease	Sieker	Well No.	31-2		Location: Sieker, Ks - 1/2 mi on 2nd ch. 4th														
Contractor	Royal #2							Owner											
Type Job	Production							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.											
Hole Size	7 7/8"		T.D.		3344'														
Csg.	5 1/2" 140 New		Depth		3344'														
Tbg. Size			Depth		Charge To: (Almost Empty)														
Tool			Depth		Street														
Cement Left in Csg.	15.60		Shoe Joint		15.60'														
Meas Line			Displace		81 BCC														
												Cement Amount Ordered				150.50 (Cement 12%)			

**EQUIPMENT**

Pumptrk	9	No.	Cementer	Troy											
			Helper												
Bulktrk	8	No.	Driver	LEOY											
			Driver												
Bulktrk	pm	No.	Driver	RICK											
			Driver												

**JOB SERVICES & REMARKS**

Remarks:	Calcium
Rat Hole	Hulls
Mouse Hole	Salt
Centralizers	Flowseal
Baskets	Kol-Seal
D/V or Port Collar	Mud CLR 48
	CFL-117 or CD110 CAF 38
	Sand
	Handling
	Mileage

**FLOAT EQUIPMENT**

	Guide Shoe	
	Centralizer	6
	Baskets	1
	AFU Inserts	
	Float Shoe	1
	Latch Down	1

	Pumptrk Charge	
	Mileage	
	Tax	
	Discount	
	Total Charge	

X Signature: *Wong Budwig*



# QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025

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

No. 949

Cell 785-324-1041

Date	8-21-12	Sec.	31	Twp.	19	Range	10	County	Rice	State	Ks	On Location		Finish	5:00 AM
Lease	Sieker		Well No.	31-2		Location Silica, Ks - 1/4 mi on 2nd Rd, w/into									
Contractor	Royal #2							Owner							
Type Job	Production							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.							
Hole Size	7 7/8"		T.D.	<del>33441</del> 33477											
Csg.	5 1/2" 14# New		Depth	33441											
Tbg. Size			Depth												
Tool			Depth												
Cement Left in Csg.	15.60		Shoe Joint	15.60'		Charge To Quest Energy									
Meas Line			Displace	81 BCS		Street									
						City									
						State									
The above was done to satisfaction and supervision of owner agent or contractor.															
						Cement Amount Ordered 150 sx Common 10%									

**EQUIPMENT**

Pumptrk	9	No.	Cement Helper	Travis	Common
Bulktrk	8	No.	Driver	Levy	Poz. Mix
Bulktrk	pm.	No.	Driver	Rick	Gel.

**JOB SERVICES & REMARKS**

Remarks:	Calcium
Rat Hole	Hulls
Mouse Hole	Salt
Centralizers	Flowseal
Baskets	Kol-Seal
D/V or Port Collar	Mud CLR 48
pipe on bottom, break Circulation	CFL-117 or CD110 CAF 38
pump 500 gal mud Clear, plug Rat	Sand
hole w/30sx, plug mousehole w/150	Handling
Hook to 5 1/2" casing + mix 10.5 sv	Mileage

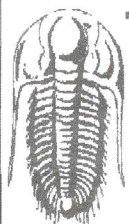
**FLOAT EQUIPMENT**

Cement, shut down, wash pump	Guide Shoe
lines, Released plug + Displaced	Centralizer 6 turbos
with 81 BCS of water.	Baskets 1
Released + held	AFU Inserts
Lift pressure 600 #	Float Shoe
Land plug to 1700 #	Latch Down 1

Pumptrk Charge	
Mileage	
	Tax
	Discount
	Total Charge

X Signature Doug Budig





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Quest Energy  
2732 N. Reese RD.  
Brookville, Ks. 67425+9812  
  
ATTN: Ken Wallace

**31 19S 10W Rice Ks.**  
  
**#31-2 Sieker**  
Job Ticket: 49393      **DST#: 1**  
Test Start: 2012.08.19 @ 10:00:00

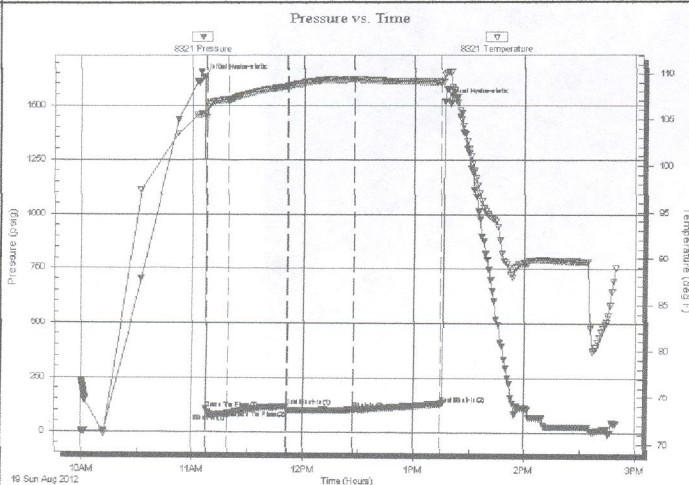
## GENERAL INFORMATION:

Formation: **Arbuckle**  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 11:07:30  
Time Test Ended: 14:50:00  
  
Interval: **3264.00 ft (KB) To 3283.00 ft (KB) (TVD)**  
Total Depth: **3283.00 ft (KB) (TVD)**  
Hole Diameter: inches Hole Condition: Fair  
  
Test Type: Conventional Bottom Hole (Initial)  
Tester: Troy Leiker  
Unit No: #44  
  
Reference Elevations: 1792.00 ft (KB)  
1785.00 ft (CF)  
KB to GR/CF: 7.00 ft

## Serial #: 8321

Press@RunDepth: 101.15 psig @ ft (KB)      Capacity: 8000.00 psig  
Start Date: 2012.08.19      End Date: 2012.08.19      Last Calib.: 1899.12.30  
Start Time: 10:00:00      End Time: 14:50:00      Time On Btm: 2012.08.19 @ 11:05:30  
Time Off Btm: 2012.08.19 @ 13:16:30

TEST COMMENT: IF 15 Very Strong Blow Off Bottom in 5min.  
IS 30 Bled off for 5 min. Off Bottom in 15min.  
FF 30 Very Strong Blow Off Bottom in 5min.  
FS 45 Bled off for 5min. Came back 2" in Bkt.



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1632.74	105.59	Initial Hydro-static
2	101.24	105.23	Open To Flow (1)
14	82.13	107.15	Shut-In(1)
46	115.10	108.60	End Shut-In(1)
46	99.54	108.64	Open To Flow (2)
82	101.15	109.38	Shut-In(2)
129	130.22	109.10	End Shut-In(2)
131	1516.30	109.90	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
1425.00	Gas in Pipe	19.99
220.00	Slightly Mud Cut Oil 40%g 50%o 10%m	3.09
30.00	Gassy Oil 40%g 60%o	0.42

## Gas Rates

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



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Quest Energy  
 2732 N. Reese RD.  
 Brookville, Ks. 67425+9812  
 ATTN: Ken Wallace

**31 19S 10W Rice Ks.**  
**#31-2 Sieker**  
 Job Ticket: 49394      DST#: 2  
 Test Start: 2012.08.19 @ 19:10:00

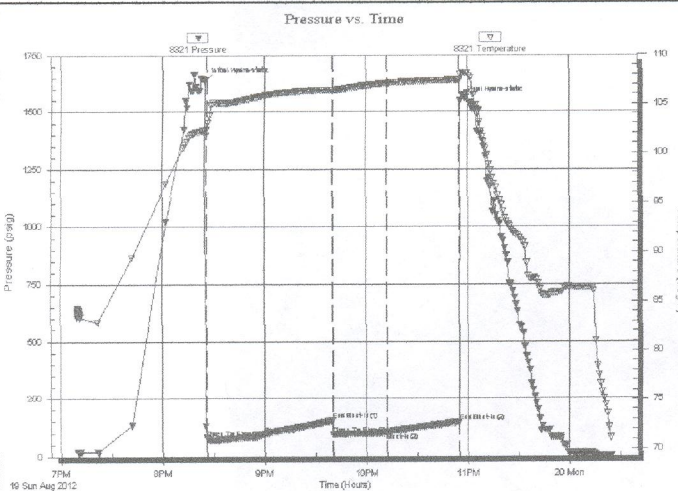
## GENERAL INFORMATION:

Formation: **Arbuckle**  
 Deviated: **No** Whipstock: **ft (KB)** Test Type: **Conventional Bottom Hole (Reset)**  
 Time Tool Opened: **20:26:00** Tester: **Troy Leiker**  
 Time Test Ended: **00:25:00** Unit No: **#44**  
 Interval: **3265.00 ft (KB) To 3285.00 ft (KB) (TVD)** Reference Elevations: **1792.00 ft (KB)**  
 Total Depth: **3285.00 ft (KB) (TVD)** **1785.00 ft (CF)**  
 Hole Diameter: **7.88 inches** Hole Condition: **Fair** KB to GR/CF: **7.00 ft**

## Serial #: 8321

Press@RunDepth: **103.47 psig @ ft (KB)** Capacity: **8000.00 psig**  
 Start Date: **2012.08.19** End Date: **2012.08.20** Last Calib.: **1899.12.30**  
 Start Time: **19:10:00** End Time: **00:25:00** Time On Btm: **2012.08.19 @ 20:25:00**  
 Time Off Btm: **2012.08.19 @ 22:55:30**

TEST COMMENT: IF 30 very Strong Blow , Off Bottom in 3min.  
 IS 45 Weak Steady Blow 1/2" in Bkt.  
 FF 30 Very Strong Blow , Off Bottom in 5min.  
 FS 45 Weak Blow , Building to 2" in Bkt.



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1639.25	102.28	Initial Hydro-static
1	79.57	102.35	Open To Flow (1)
35	96.29	105.86	Shut-In(1)
75	154.36	106.42	End Shut-In(1)
76	95.06	106.40	Open To Flow (2)
107	103.47	107.09	Shut-In(2)
150	148.84	107.41	End Shut-In(2)
151	1549.34	108.04	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
1000.00	Gas in Pipe	14.03
180.00	Mud Cut Gassy Oil 30%g 50%o 20%m	2.52
30.00	Gassy Oil 20%g 80%o	0.42

\* Recovery from multiple tests

## Gas Rates

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





**TRILOBITE**  
TESTING, INC.

# DRILL STEM TEST REPORT

Quest Energy  
2732 N. Reese RD.  
Brookville, Ks. 67425+9812  
ATTN: Ken Wallace

**31 19S 10W Rice Ks.**  
**#31-2 Sieker**  
Job Ticket: 49395      **DST#: 3**  
Test Start: 2012.08.20 @ 04:40:00

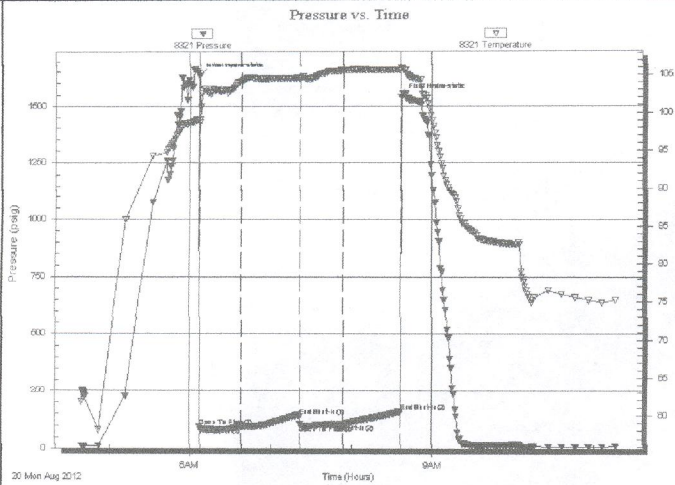
## GENERAL INFORMATION:

Formation: **Arbuckle**  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 06:07:25  
Time Test Ended: 11:21:17  
Interval: **3266.00 ft (KB) To 3287.00 ft (KB) (TVD)**  
Total Depth: 3287.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Fair  
Test Type: Conventional Bottom Hole (Reset)  
Tester: Troy Leiker  
Unit No: #44  
Reference Elevations: 1792.00 ft (KB)  
1785.00 ft (CF)  
KB to GR/CF: 7.00 ft

## Serial #: 8321

Press@RunDepth: 106.04 psig @ ft (KB)      Capacity: 8000.00 psig  
Start Date: 2012.08.20      End Date: 2012.08.20      Last Calib.: 2012.08.20  
Start Time: 04:40:00      End Time: 11:21:17      Time On Btm: 2012.08.20 @ 06:06:55  
Time Off Btm: 2012.08.20 @ 08:36:55

TEST COMMENT: IF 30 Strong Blow , Off Bottom in 3min.  
IS 45 Bled off, Strong Blow in 25min.  
FF 30 Strong Blow , Off Bottom in 10min.  
FS 45 Bled Off, Weak Steady Blow 1/2" in Bkt.



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1635.04	99.07	Initial Hydro-static
1	93.43	98.68	Open To Flow (1)
31	92.48	104.12	Shut-In(1)
75	139.37	104.59	End Shut-In(1)
75	104.08	104.55	Open To Flow (2)
107	106.04	105.60	Shut-In(2)
150	160.66	105.61	End Shut-In(2)
150	1540.36	105.91	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
800.00	Gas in Pipe	11.22
120.00	Very Gassy Muddy Oil 70%g 20%o 5%w 1.68m	
60.00	Gassy Muddy Oil 25%g 70%o 5%m	0.84

\* Recovery from multiple tests

## Gas Rates

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