

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
October 2008
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 5259
Name: Mai Oil Operations, Inc.
Address 1: P.O. Box 33
Address 2: _____
City: Russell State: Ks. Zip: 67665 + _____
Contact Person: Allen Bangert
Phone: (785) 483-2169
CONTRACTOR: License # 33350
Name: Southwind Drilling, Inc.
Wellsite Geologist: Kitt Noah
Purchaser: NCRA

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Designate Type of Completion:
 New Well _____ Re-Entry _____ Workover _____
 Oil _____ SWD _____ SIOW _____
_____ Gas _____ ENHR _____ SIGW _____
_____ CM (Coal Bed Methane) _____ Temp. Abd. _____
_____ Dry _____ Other _____
(Cores, WSW, Expl., Cathodic, 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 _____
_____ Plug Back: _____ Plug Back Total Depth _____
_____ Commingled _____ Docket No.: _____
_____ Dual Completion _____ Docket No.: _____
_____ Other (SWD or Enhr.?) _____ Docket No.: _____
05/30/2009 06/06/2009 06/06/2009
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 009-25318-0000
Spot Description: 90'South & 160'West
SE SW SE-NE Sec. 30 Twp. 17 S. R. 14 East West
2400 Feet from North / South Line of Section
820 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Barton
Lease Name: McCurry Well #: 1
Field Name: Wildcat
Producing Formation: Lansing
Elevation: Ground: 1926' Kelly Bushing: 1934'
Total Depth: 3475' Plug Back Total Depth: 3445'
Amount of Surface Pipe Set and Cemented at: 460 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 Ait I NCR 9-29-09
(Data must be collected from the Reserve Pit)
Chloride content: 81000 ppm Fluid volume: 300 bbls
Dewatering method used: Let dry
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Docket No.: _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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.

Signature: Allen Bangert
Title: Prod. Supt. Date: 09/11/2009

Subscribed and sworn to before me this 14 day of September,
2009.

Notary Public: Lori Crathorne
Date Commission Expires: 7-7-2010

NOTARY PUBLIC - State of Kansas
LORI CRATHORNE
My Appt. Expires 7-7-2010

KCC Office Use ONLY
 Letter of Confidentiality Received
 If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

Operator Name: Mal Oil Operations, Inc. Lease Name: McCurry Well #: 1
 Sec. 30 Twp. 17 S. R. 14 East West County: Barton

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 copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run: CNFD, DIL, Micro <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Anhydrite</td> <td>922'</td> <td>+1012</td> </tr> <tr> <td>Topeka</td> <td>2872'</td> <td>-938</td> </tr> <tr> <td>Heebner</td> <td>3109'</td> <td>-1175</td> </tr> <tr> <td>Toronto</td> <td>3120'</td> <td>-1186</td> </tr> <tr> <td>Brown Lime</td> <td>3173'</td> <td>-1239</td> </tr> <tr> <td>Lansing</td> <td>3185'</td> <td>-1251</td> </tr> <tr> <td>Arbuckle</td> <td>3428'</td> <td>-1494</td> </tr> </table>	Name	Top	Datum	Anhydrite	922'	+1012	Topeka	2872'	-938	Heebner	3109'	-1175	Toronto	3120'	-1186	Brown Lime	3173'	-1239	Lansing	3185'	-1251	Arbuckle	3428'	-1494
Name	Top	Datum																							
Anhydrite	922'	+1012																							
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Arbuckle	3428'	-1494																							

CASING RECORD <input checked="" 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
8 5/8"	12 1/4"	8 5/8"	20#	460'	60-40 POZ	225	2% gel, 3%CC
5 1/2"	7 7/8"	5 1/2"	14#	3420"	60-40 POZ	165	

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				

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
3	3354-57', 3336-40', 3318-22'	4500 Gal 20%HCL	
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TUBING RECORD:	Size: <u>2 7/8"</u>	Set At: <u>3440'</u>	Packer At:	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr. 06/23/2009		Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)		
Estimated Production Per 24 Hours	Oil Bbbs. 75	Gas Mcf	Water Bbbs. 20	Gas-Oil Ratio Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input checked="" type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: 3318-3357' OA
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QUALITY OILWELL CEMENTING, INC.

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

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

No. 3241

Date	5-30-09	Sec.	30	Twp.	17	Range	14	County	Barton	State	Ks	On Location		Finish	11-30	
Lease	McGrew	Well No.	1	Location	281-4 Hur											
Contractor	Southwind Dels Reg #3				Owner	3W 1/2 N W into										
Type Job	SURFACE				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	12 1/4	T.D.	460													
Csg.	8 5/8 23'	Depth	460													
Tbg. Size		Depth														
Drill Pipe		Depth														
Tool		Depth														
Cement Left in Csg.	15	Shoe Joint														
Press Max.		Minimum														
Meas. Line		Displace	27.7		CEMENT											
Perf.					Amount Ordered	225 60/40 2% GEL 3% CL										
EQUIPMENT				Common	135 @ 10 ⁰⁰											
Pumptrk	5	No.	Cementer		Poz. Mix	90 @ 6 ⁰⁰										
			Helper	JOE	Gel.	4 @ 13 ⁰⁰										
Bulktrk	17	No.	Driver	JOE	Calcium	7 @ 42 ⁰⁰										
			Driver	JOE	Mills											
Bulktrk	PU	No.	Driver	TODD	Salt											
			Driver	TODD	Flowseal											
JOB SERVICES & REMARKS																
Pumptrk Charge	SURFACE		400 ⁰⁰													
Mileage	30 @ 6 ⁰⁰															
Footage																
	Total															
Remarks:	Run 11 st's 8 5/8 28' csg				Handling	236 @ 12 ⁰⁰										
	max: Pump 60/40 Poz 2% GEL 3% CL				Mileage	08 Pcs x Pcs mile										
	14.7 #/GAL 1.25 ft ³				Pump Truck Charge	300 ⁰⁰										
	Pump 27.7 Bbl total Disp				FLOAT EQUIPMENT											
	class valves on csg				Guide Shoe											
	P200 CIRC then JOB				Centralizer											
	CIRC CNT TO PAT				Baskets											
	Thanks				AFU Inserts											
	TODD					1 8 5/8 Wooden Plug 69 ⁰⁰										
	JOE, JOE															
X Signature	Jay Hues				Rotating Head											
	Please call again				Squeez Mainfold											

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Tax

20% Discount
Total Charge

ALLIED CEMENTING CO., LLC. 037527

MIT TO PO BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:

Russell

DATE 6-6-09	SEC 30	TWP 17	RANGE 14	CALLED OUT	ON LOCATION	JOB START 5:30 Am	JOB FINISH 6:30 Am
LEASE McCurry	WELL # 1	LOCATION Ohmitz & Hwy 4			COUNTY Barton	STATE KANSAS	
OLD OR NEW (Circle one) NEW				2E 1/2N 14W INTD			

CONTRACTOR SOUTH WIND Rig # 3	OWNER
TYPE OF JOB PRODUCTION STRING	CEMENT
HOLE SIZE 7 7/8 TD 3471	AMOUNT ORDERED 165 sx 60/40 100% SALT
CASING SIZE 5 1/2 New DEPTH @ 3420	YAFFOSOL PR SX 2% GEL
TUBING SIZE 14# DEPTH	1000 GAL WFR-2
DRILL PIPE DEPTH	
TOOL LATCH DN Plug DEPTH @ 3449	
PRES. MAX MINIMUM	
MEAS. LINE SHOE JOINT 21.05	COMMON 99 @ 13.50 1336.50
CEMENT LEFT IN CSG 21.05	POZMIX 66 @ 7.55 498.30
PERFS	GEL 3 @ 20.25 60.75
DISPLACEMENT 84.16 / BBL	CHLORIDE @
	ASC @

EQUIPMENT	
PUMP TRUCK CEMENTER GILMAN	
# 417 HELPER CRAIG	
BULK TRUCK	
# 378 DRIVER BOB SHANE	
BULK TRUCK	
# DRIVER	

Salt 7 @ 21.25 148.75
Flo Seal 41# @ 2.45 100.45
WFR-2 1000 Gal @ N-C N-R
HANDLING 165 @ 2.25 371.25
MILEAGE 110.516 mile 330.00
TOTAL 2846.00

REMARKS:

Box 87 JTS New 14" CSG
Circle on bottom, 1 HR Plug Rathole
mix flush, cement w/ 135 sx
Clear line, Release Plug, Displace to bottom
w/ 83 BBL H2O, LARD Plug @ 1500 ft
Released & Plug Held.

30 sx @ Rathole THANKS

CHARGE TO: **MAE OIL OPERATIONS**
 STREET _____
 CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB	
PUMP TRUCK CHARGE	1957.00
EXTRA FOOTAGE @	
MILEAGE 20 @ 7.20	144.00
MANIFOLD @	

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SEP 15 2009 TOTAL **2097.00**

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PLUG & FLOAT EQUIPMENT

WEATHERFORD	
1 - FLOAT Shoe ASD @	214.20
1 - LATCH DN Plug Assy @	113.80
10 TRO Centralizers @	85.05 850.60

To Allied Cementing Co. LLC.
 You are hereby requested to rent cementing equipment



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Mai Oil Operations Inc
8411 Preston Rd
Ste 800
Dallas, TX 75225-5520
ATTN: Allen Bangert

McCurry #1
30-17s-14w Barton KS
Job Ticket: 36432 **DST#: 1**
Test Start: 2009.06.03 @ 08:47:06

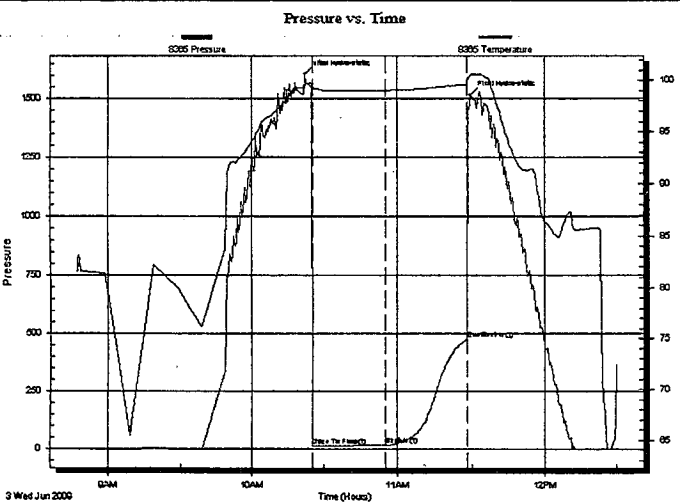
GENERAL INFORMATION:

Formation: **LKC A-C**
 Deviated: **No Whipstock** ft (KB)
 Time Tool Opened: 10:25:06
 Time Test Ended: 12:30:06
 Interval: **3180.00 ft (KB) To 3210.00 ft (KB) (TVD)**
 Total Depth: **3210.00 ft (KB) (TVD)**
 Hole Diameter: **7.85 inches** Hole Condition: **Fair**
 Test Type: **Conventional Bottom Hole**
 Tester: **Ray Schwager**
 Unit No: **42**
 Reference Elevations: **1934.00 ft (KB)**
1926.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 8365

Press@RunDepth: **15.62 psig @** ft (KB) Capacity: **7000.00 psig**
 Start Date: **2009.06.03** End Date: **2009.06.03** Last Calib.: **2009.06.03**
 Start Time: **08:47:11** End Time: **12:30:06** Time On Btrr: **2009.06.03 @ 10:22:06**
 Time Off Btrr: **2009.06.03 @ 11:29:36**

TEST COMMENT: IFP-wk bl thru-out 1/8"bl
Times 30-30-out



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1604.79	99.32	Initial Hydro-static
3	11.84	99.09	Open To Flow (1)
33	15.62	99.01	Shut-In(1)
66	473.59	99.58	End Shut-In(1)
68	1515.95	100.57	Final Hydro-static

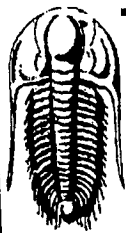
Recovery

Length (ft)	Description	Volume (bbl)
5:00	Mud w/show of oil	0.07

Gas Rates

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

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TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Mai Oil Operations Inc
 8411 Preston Rd
 Ste 800
 Dallas, TX 75225-5520
 ATTN: Allen Bangert

McCurry #1
30-17s-14w Barton KS
 Job Ticket: 36433 **DST#: 2**
 Test Start: 2009.06.03 @ 21:15:40

GENERAL INFORMATION:

Formation: **LKC "E-F"**
 Deviated: **No Whipstock** ft (KB)
 Time Tool Opened: 22:37:35
 Time Test Ended: 03:07:34
 Interval: **3234.00 ft (KB) To 3264.00 ft (KB) (TVD)**
 Total Depth: **3264.00 ft (KB) (TVD)**
 Hole Diameter: **7.85 inches** Hole Condition: Fair

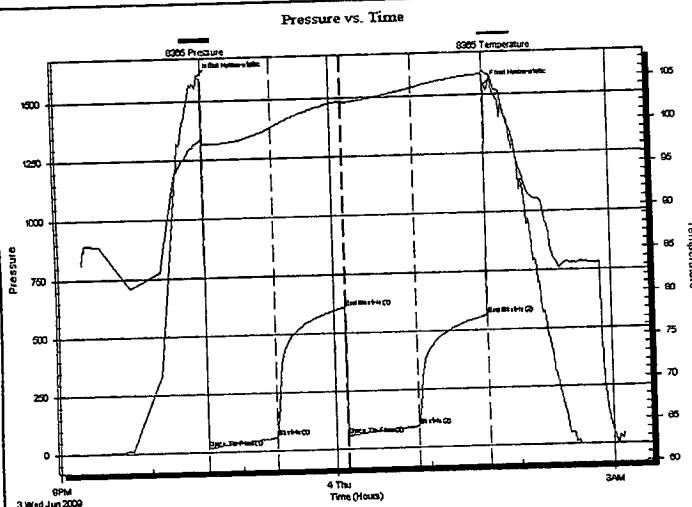
Test Type: **Conventional Bottom Hole**
 Tester: **Ray Schwager**
 Unit No: **42**
 Reference Elevations: **1934.00 ft (KB)**
 1926.00 ft (CF)
 KB to GR/CF: **8.00 ft**

Serial #: 8365

Press@RunDepth: **90.69 psig @** ft (KB)
 Start Date: **2009.06.03** End Date:
 Start Time: **21:15:40** End Time:

Capacity: **7000.00 psig**
 Last Calib.: **2009.06.04**
 Time On Btm: **2009.06.03 @ 22:35:05**
 Time Off Btm: **2009.06.04 @ 01:40:34**

TEST COMMENT: **IFP-w k to a fr bl 1/4" to 3 1/2" bl**
FFP-w k bl thru-out surface to 1" bl
Times 45-45-45-45



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1606.28	98.21	Initial Hydro-static
3	15.37	97.96	Open To Flow (1)
47	59.11	99.65	Shut-In(1)
92	611.19	102.59	End Shut-In(1)
93	60.07	102.26	Open To Flow (2)
138	90.69	103.88	Shut-In(2)
184	562.82	105.34	End Shut-In(2)
186	1545.02	105.55	Final Hydro-static

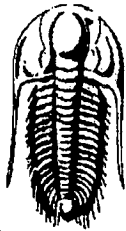
Recovery

Length (ft)	Description	Volume (bbl)
0.00	90' GIP	0.00
92.00	MW 15% M85% W w/show of oil	1.29
62.00	Water	0.87
1.00	CO	0.01

Gas Rates

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

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**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Mai Oil Operations Inc

McCurry #1

8411 Preston Rd
Ste 800
Dallas, TX 75225-5520
ATTN: Allen Bangert

30-17s-14w Barton KS

Job Ticket: 36434 **DST#: 3**
Test Start: 2009.06.04 @ 16:31:18

GENERAL INFORMATION:

Formation: **LKC "H-J"**
Deviated: **No Whipstock** ft (KB)
Time Tool Opened: 18:07:43
Time Test Ended: 00:27:12

Test Type: **Conventional Bottom Hole**
Tester: **Ray Schwager**
Unit No: **42**

Interval: **3307.00 ft (KB) To 3370.00 ft (KB) (TVD)**
Total Depth: **3370.00 ft (KB) (TVD)**
Hole Diameter: **7.85 inches** Hole Condition: **Fair**

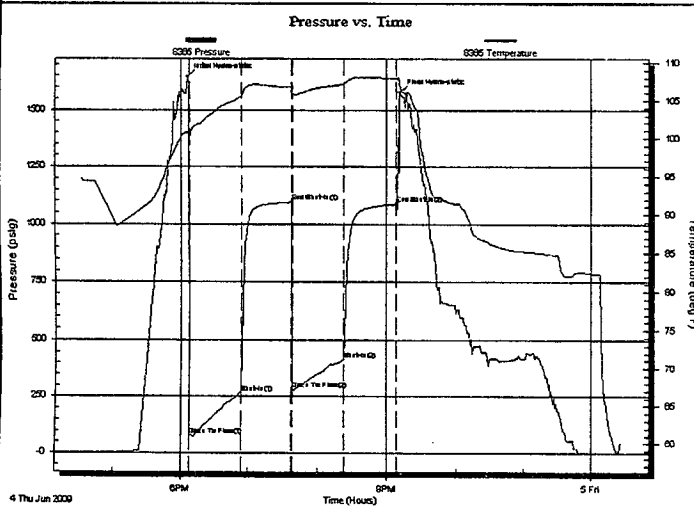
Reference Elevations: **1934.00 ft (KB)**
1926.00 ft (CF)
KB to GR/CF: **8.00 ft**

Serial #: 8365

Press@RunDepth: **415.03 psig @** ft (KB)
Start Date: **2009.06.04** End Date:
Start Time: **16:31:18** End Time:

Capacity: **7000.00 psig**
Last Calib.: **2009.06.05**
Time On Btm: **2009.06.04 @ 18:05:43**
Time Off Btm: **2009.06.04 @ 21:11:12**

TEST COMMENT: IFF-strg bl in 1 min
FFP-strg bl, GTS
Times 45-45-45
ISI Pstrg bl bk in 5 min, GTS



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1643.76	100.76	Initial Hydro-static
2	77.69	99.94	Open To Flow (1)
48	267.08	105.54	Shut-In(1)
92	1095.32	106.73	End Shut-In(1)
93	283.28	106.31	Open To Flow(2)
138	415.03	107.27	Shut-In(2)
183	1086.48	107.89	End Shut-In(2)
186	1576.15	107.23	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	1840' GIP	0.00
1326.00	CO	18.60
124.00	MGO 30%G10%M60%O	1.74

Gas Rates

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

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