

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1

January 2018

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

Gas DH EOR

OG GSW

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 EOR Conv. to SWD

Plug Back Liner Conv. to GSW Conv. to Producer

Commingled Permit #: _____

Dual Completion Permit #: _____

SWD Permit #: _____

EOR Permit #: _____

GSW Permit #: _____

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No.: _____

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

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical 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

Confidentiality Requested

Date: _____

Confidential Release Date: _____

Wireline Log Received Drill Stem Tests Received

Geologist Report / Mud Logs 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 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

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 Geologist Report / Mud Logs <input type="checkbox"/> Yes <input type="checkbox"/> No 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
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

1. Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*
3. Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

Date of first Production/Injection or Resumed Production/Injection:	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity

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> <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom
---	---	------------------------------------

Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:	
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REMIT TO
RR 1 BOX 90 D
HOXIE KS 67740

SCHIPPERS OIL FIELD SERVICE L.L.C.

220

DATE 7/6/09	SEC. 71	RANGE/TWP. 17/12	CALLED OUT	ON-LOCATION 5300	JOB START 7:30	JOB FINISH 1:00 PM
LEASE W. J. Jones			WELL# 1			
			COUNTY STATE KS			

CONTRACTOR W J Jones	OWNER HLM			
TYPE OF JOB				
HOLE SIZE	T.D. 4 1/2 14	CEMENT		
CASING SIZE 31	DEPTH	AMOUNT ORDERED	545	
TUBING SIZE	DEPTH			
DRILL PIPE 4 1/2	DEPTH			
TOOL	DEPTH			
PRES. MAX	MINIMUM	COMMON	80	@ 15 5300
DISPLACEMENT	SHOE JOINT	POZMIX	150	@ 7 1000
CEMENT LEFT IN CSG.		GEL	25	@ 17 425
PERFS		CHLORIDE		@
		ASC		@
EQUIPMENT		76-500 1/1	130	@ 7 910
	60 gal Mod	59.661 Water	500	@ 12 6000
PUMP TRUCK				
# 1				
BULK TRUCK				
# 1	Top 53 water			
BULK TRUCK				
# 1				
		HANDLING	545	@ 1000 1000
		MILEAGE	71	@ 49 3481
		TOTAL		

REMARKS	SERVICE 2 days		
Plugged Ann Hole 10' or	DEPT OF JOB	@	
11' 30"	PUMP TRUCK CHARGE	@ 1.50	1500
Plugged Ann Hole 10' or	EXTRA FOOTAGE	@	
160' bottom 4 1/2" hole 2 1/2" x 1 1/4"	MILEAGE 71	@ 1.50	1050
127' "	MANIFOLD	@ 2.50	2500
355 Top 60/40 8 1/2" col 1/4" hole		@	
Aug 2 1:00 AM (circled) (circled) to P.T.	TOTAL		

RECEIVED

SEP 18 2009

KCC WICHITA

CHARGE TO: H. A.	PER 1000
STREET	STATE
CITY	ZIP

To: Schippers Oil Field Service LLC
You are hereby requested to rent cementing equipment and furnish staff to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

[Handwritten initials]

PLUG & FLOAT EQUIPMENT	
11' 30" hole	@ 75
1' 30" hole	@ 200
1' 30" hole	@ 449
5' 30" hole	@ 177
1' 30" hole	@ 315
5.5' DV Top 4"	TOTAL
TAX	
TOTAL CHARGE	
DISCOUNT (IF PAID IN 20 DAYS)	

SIGNATURE *[Handwritten Signature]*

PRINTED NAME

REMIT TO
RR 1 BOX 90 D
HOXIE KS 67740

SCHIPPERS OIL FIELD SERVICE L.L.C.

216

DATE <u>6/27/08</u> SEC. <u>31</u>	RANGE/TWP. <u>17/20</u>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE <u>Doyle's Dome</u>			WELL # <u>1</u>		
			COUNTY <u>Lawrence</u>	STATE <u>Ks</u>	

CONTRACTOR <u>WV 2</u>	OWNER <u>1111A</u>				
TYPE OF JOB <u>Swab</u>					
HOLE SIZE	T.D. <u>715</u>	CEMENT			
CASING SIZE <u>8 7/8</u>	DEPTH	AMOUNT ORDERED		<u>165</u>	
TUBING SIZE	DEPTH				
DRILL PIPE <u>1 1/2</u>	DEPTH				
TOOL	DEPTH				
PRES. MAX	MINIMUM	COMMON	<u>165</u>	@ <u>135</u>	<u>210</u>
DISPLACEMENT <u>12.75</u>	SHOE JOINT	POZMIX		@	
CEMENT LEFT IN CSG.		GEL	<u>3</u>	@ <u>175</u>	<u>525</u>
PERFS		CHLORIDE	<u>5</u>	@ <u>52</u>	<u>260</u>
		ASC		@	
EQUIPMENT				@	
				@	
PUMP TRUCK				@	
#				@	
BULK TRUCK				@	
# <u>Dave</u>				@	
BULK TRUCK				@	
#				@	
				@	
		HANDLING	<u>175</u>	@ <u>12</u>	<u>300</u>
		MILEAGE	<u>71</u>	@ <u>15</u>	<u>1065</u>
				TOTAL	

REMARKS	SERVICE <u>Swab</u>		
<u>11:50 AM @ 2:15 PM</u>	DEPT OF JOB	@	
	PUMP TRUCK CHARGE	@	<u>900</u>
	EXTRA FOOTAGE	@	
	MILEAGE <u>71</u>	@ <u>15</u>	<u>1065</u>
<u>Conc. to Pit</u>	MANIFOLD	@	
		@	
	RECEIVED	TOTAL	

CHARGE TO: <u>1111A</u>	
STREET	STATE
CITY	ZIP

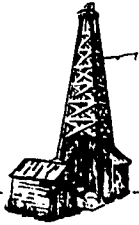
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KCC WICHITA

To: Schippers Oil Field Service LLC
You are hereby requested to rent cementing equipment and furnish staff to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

PLUG & FLOAT EQUIPMENT	
	@
	@
	@
	@
	@
	TOTAL <u>500</u>
TAX	
TOTAL CHARGE	
DISCOUNT (IF PAID IN 20 DAYS)	

SIGNATURE Lonnie Lang

PRINTED NAME Lonnie Lang



WHITEHALL EXPLORATION

WELLSITE GEOLOGICAL CONSULTING

GEOLOGICAL ANALYSIS & WELL REPORT

H & M Petroleum Corp.

DOYLE'S DOME No. 1

330' FSL & 3,300' FEL
S/2-SE-SW
Section 31-Township 17 South-Range 30 West
Lane County, Kansas

July 9, 2008

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GENERAL INFORMATION

Elevation: G.L. 2,894' K.B. 2,899'
All measurements are from K.B.

Field: Manning

Drilling Contractor/Rig No.: WW Drilling Co./Rig 2

Total Depth: RTD: 4,614' LTD: 4,618'

Surface Casing: 8 5/8" @ 218'

Production Casing: 5 1/2" set

Drill Time Kept: 3,800'-4,614' RTD

Samples Examined: 3,800'-4,614' RTD

Geological Supervision: 3,800'-4,614' RTD

Wellsite Geologist: Don V. Rider
Consulting Wellsite Geologist:

Drill Stem Tests: 5 Open Hole Tests: -Kansas City "K" Zone
-Kansas City "L" Zone
-Marmaton "A" Zone
-Marmaton "B" Zone
-Cherokee Johnson Zone

Mud Company/Mud Type: Morgan Mud/Chemical

Electric Logging Company: Log-Tech

Log Suite: -Dual Induction
-Compensated Neutron/Density Porosity
-Microlog

Samples: -3,800' to 4,614' RTD (evaluated and discarded)

Total Depth Formation: Mississippian

Well Status: Production casing set

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DAILY DRILLING CHRONOLOGY

<u>2007</u> <u>Date</u>	<u>7:00 A.M.</u> <u>Depth</u>	<u>24 Hour</u> <u>Footage</u>	<u>7:00 A.M. Operation; 24 Hour Activity</u>
06/26/08	0	0	MIRU.
06/27/08	0'	0'	Rig up; drill rat hole, drilling, jet cellar and circ., TOOH, run 5 jts 8 5/8" surf. csg. set @ 218' w/ 165 sx cement, plug down @ 2:15 P.M., woc 8', drill out plug @ 10:15 P.M., drilling, jet, drilling.
06/28/08	1,125'	1,125'	Drilling ahead; jet, drilling, jet, drilling, jet, drilling, jet, drilling, jet, drilling.
06/29/08	2,855'	1,730'	Drilling ahead; lost circ. @ 2,878' (1.75') pull 5 stands, drilling, jet, drilling, lost circ. @ 3,066' (30"), drilling, jet, drilling, 15" pump repair, drilling.
06/30/08	3,595'	740'	Drilling ahead, fill premix tank w/ pit mud, drilling, wk tight connection @ 3,755', drilling, 3' rig repair-brake drum, drilling, CFS @ 4,006', drilling, jet/odd premix, drilling, CFS @ 4,046'.
07/01/08	4,046'	451'	CFS; drilling, jet, drilling, CFS @ 4,114', drilling, CFS @ 4,160', drilling, jet/add premix, drilling, CFS @ 4,230', short trip 20 stands, circ. 1', TOOH, pu test tool, TIH, run DST No. 1, TOOH.
07/02/08	4,230'	184'	Tripping out of hole w/ DST No. 1; wo tank truck 1', reverse out fluid into tank truck, break down test tool, TIH w/ bit, drilling, CFS @ 4,284', drilling, CFS @ 4,291'; TOOH, pu test tool, TIH, run DST No. 2, TOOH, break down test tool, clean drill floor, TIH w/ bit.
07/03/08	4,291'	61'	Circ./condition hole; drilling, add premix @ 4,319', drilling, CFS @ 4,378', short trip 1', circ. 1', TOOH, pu test tool, TIH, run DST No. 3, TOOH, break down test tool, TIH w/ bit, circ. 1', drilling, rig repair 1'- broken fuel

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			line.
07/04/08	4,392'	101'	Wait on fuel line/ repair 45"; drilling, CFS @ 4,416', TOOH w/ bit, pu test tool, TIH, run DST No. 4, TOOH, break down test tool, clean drill floor, TIH w/bit, circ. 1', drilling, CFS @ 4,476, drilling, CFS 4,520.
07/05/08	4,520'	128'	CFS; drilling, CFS @ 4,538', TOOH, pu test tool, TIH, run DST No. 5, TOOH, break down test tool, TIH w/ bit, circ. 1', drilling, reach RTD, circ. 1', TOOH, ru loggers @ 5:00 A.M., logging-Log- Tech.
07/06/08	4,614'	94'	Logging; RD loggers, TIH, circ., TOOH laying down drill pipe, RU casing crew, run 5 1/2" prod csg., cement-plug down @ 1:00 A.M. 07/07/08, rig released 3 A.M. 07/07/08.

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DEVIATION SURVEYS

<u>Depth</u>	<u>Deviation (Degrees)</u>
218'	1.0
4,230'	1.0

REFERENCE WELLS

Reference Well "A": Dunne-Gardner
Ramsey No.1
C-NE-NE
Section 1-T18S-R31W
Scott County, KS
KB: 2,909'
LTD: 4,649'
Date Drilled: October 1977
TD Formation: Mississippian
Status: Abandoned Kansas City "K" and "L" Zone's oil well

Reference Well "B": Lario Oil and Gas Co.
Curran No. 1-6
Section 6-T18S-R30W
Lane County, KS
KB: 2,896'
LTD: 4,871'
Date Drilled: December 2006
TD Formation: Mississippian Warsaw
Status: D & A

Reference Well "C": Thunderbird Drilling
French 'A'-1
Section: C-SE-NE
Section 36-T17S-R31W
Scott County, KS
KB: 2,904'
LTD: 4,655'
Date Drilled: May 1981
TD Formation: Mississippian
Status: Dry & Abandoned

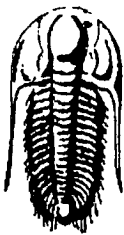
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FORMATION TOPS

	Doyles Dome No. 1			Ramsey No. 1	Curran No. 1-6	French No. A-1			
FORMATION	SAMPLE	LOG		REFERENCE	REFERENCE	REFERENCE	DIFFERENCE TO		
	TOPS	TOPS	DATUM	WELL "A"	WELL "B"	WELL "C"	WELL "A"	WELL "B"	WELL "C"
PERMIAN									
Anhydrite	2206	2205	+694	+689	+686	+672	+5	+8	+22
PENNSYLVAN- IAN									
Topeka	NC	3645	-746	NA	-763	NA	NA	+17	NA
Heebner Shale	3888	3879	-980	-981	-996	-1017	+1	+16	+37
Lansing "A"	3924	3916	-1017	-1019	-1035	-1052	+2	+18	+35
Muncie Creek Sh	4106	4097	-1198	-1196	-1222	-1218	-2	+24	+20
Lansing "H"		4115	-1216	-1215	-1239	-1230	-1	+23	+14
Stark Sh	4204	4194	-1295	-1295	-1318	-1312	FLAT	+23	+17
Kansas City "K"	4202	4203	-1304	-1305	-1331	-1319	+1	+27	+15
Kansas City "L"	4247	4248	-1349	-1337	-1370	-1372	-12	+21	+23
B/ KC		4309	-1410	-1407	-1428	-1426	-3	+18	+16
Marmaton	4336	4334	-1435	-1438	-1454	-1449	+3	+19	+14
Pawnee	4407	4409	-1510	-1506	-1528	-1524	-4	+18	+14
Ft. Scott	4431	4433	-1534	-1529	-1550	-1545	-5	+16	+11
Cherokee Sh	4450	4449	-1550	-1544	-1568	-1562	-6	+18	+12
Cher. Johnson Zone	4578	4517	-1618	-1611	-1631	-1632	-7	+13	+14
Mississippian	4552	4546	-1647	-1635	-1662	-1670	-12	+15	+23

NA = Not Available
 NC = Not Called



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

H&M Petroleum Corp.

Doyle's Dome #1

731 Weber #200
Colorado Springs, Co
80905

31 17s Lane

Job Ticket: 32169 DST#: 1

ATTN: Richard Hall

Test Start: 2008.07.02 @ 00:42:15

GENERAL INFORMATION:

Formation: **Lansing K**

Deviated: No Whipstock ft (KB)

Time Tool Opened: 02:57:59

Time Test Ended: 10:26:59

Test Type: Conventional Bottom Hole

Tester: Paul Simpson

Unit No: 44

Interval: **4200.00 ft (KB) To 4230.00 ft (KB) (TVD)**

Reference Elevations: 2899.00 ft (KB)

Total Depth: 4230.00 ft (KB) (TVD)

2894.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 8367

Inside

Press@RunDepth: 666.28 psig @ 4202.00 ft (KB)

Capacity: 7000.00 psig

Start Date: 2008.07.02

End Date:

2008.07.02

Last Calib.: 2008.07.02

Start Time: 00:42:15

End Time:

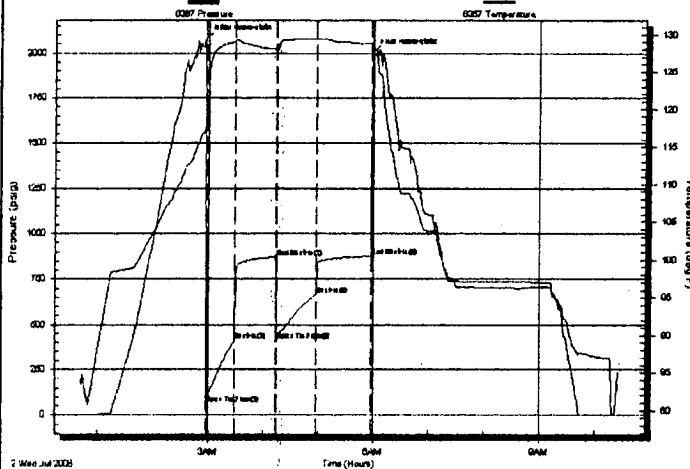
10:26:59

Time On Btm: 2008.07.02 @ 02:57:44

Time Off Btm: 2008.07.02 @ 05:58:59

TEST COMMENT: IF- strong- bottom of bucket in 3 minutes
IS- very weak surface blow
FF- strong- bottom of bucket in 7 minutes
FS- very weak surface blow

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2079.17	117.66	Initial Hydro-static
1	62.14	117.07	Open To Flow (1)
32	411.21	129.14	Shut-In(1)
78	871.21	128.05	End Shut-In(1)
78	413.05	127.75	Open To Flow (2)
120	666.28	129.41	Shut-In(2)
181	875.07	128.71	End Shut-In(2)
182	2003.49	128.71	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1300.00	sulfur water	17.11
210.00	gassy oil	2.95
0.00	240' gas in pipe	0.00
0.00	Rw .24@ 82	0.00

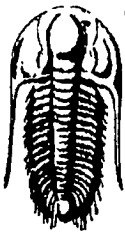
Gas Rates

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

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TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

H&M Petroleum Corp.

Doyle's Dome #1

731 Weber #200
Colorado Springs, Co.
80905

31 17s 30w Lane Ks

Job Ticket: 32170 **DST#: 2**

ATTN: Richard Hall

Test Start: 2008.07.02 @ 20:36:11

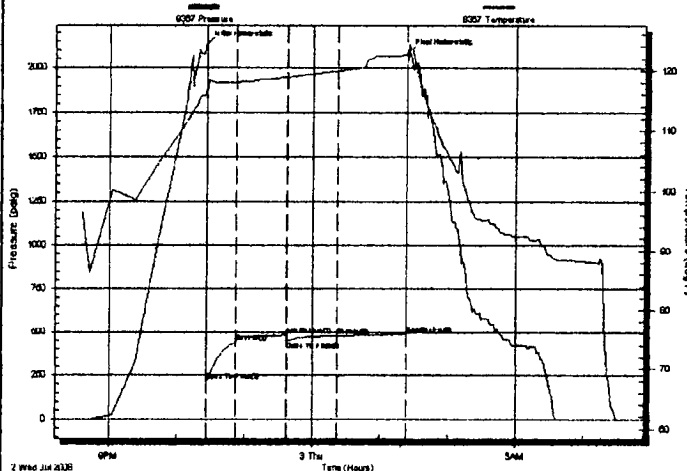
GENERAL INFORMATION:

Formation: **Lansing L**
 Deviated: No Whipstock ft (KB)
 Time Tool Opened: 22:26:26
 Time Test Ended: 04:29:56
 Interval: **4238.00 ft (KB) To 4291.00 ft (KB) (TVD)**
 Total Depth: 4291.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole
 Tester: Paul Simpson
 Unit No: 44
 Reference Elevations: 2899.00 ft (KB)
 2894.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 8367 Inside
 Press@RunDepth: 477.93 psig @ 4273.00 ft (KB) Capacity: 7000.00 psig
 Start Date: 2008.07.02 End Date: 2008.07.03 Last Calib.: 2008.07.03
 Start Time: 20:36:11 End Time: 04:29:56 Time On Btm: 2008.07.02 @ 22:26:11
 Time Off Btm: 2008.07.03 @ 01:23:26

TEST COMMENT: IF- Strong blow bottom of bucket in 1 minute
 IS- blow built to 2"
 FF- weak blow building to bottom of bucket in 13 minutes
 FSI weak surface blow

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2133.03	116.93	Initial Hydro-static
1	219.88	116.54	Open To Flow (1)
27	439.96	118.07	Shut-In(1)
71	481.94	118.90	End Shut-In(1)
72	445.89	118.89	Open To Flow (2)
116	477.93	119.93	Shut-In(2)
177	490.87	122.56	End Shut-In(2)
178	2083.41	123.07	Final Hydro-static

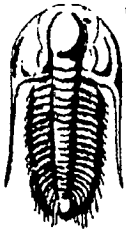
Recovery

Length (ft)	Description	Volume (bbl)
125.00	MCO 60% O 40%M	0.62
1150.00	Gassy oil 15% G 85%O	16.13
0.00	240'GIP	0.00

Gas Rates

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

RECEIVED
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TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

H&M Petroleum Corp.
731 Weber #200
Colorado Springs, Co
80905
ATTN: Richard Hall

Doyle's Dome #1
31 17s 30w Lane Ks
Job Ticket: 31344 **DST#: 3**
Test Start: 2008.07.03 @ 17:50:26

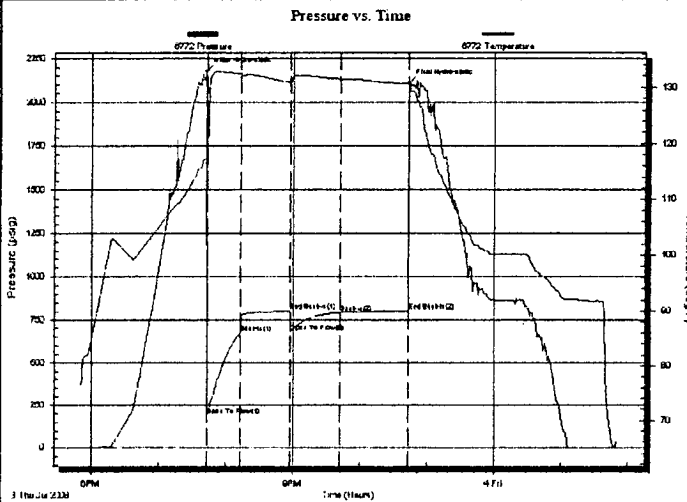
GENERAL INFORMATION:

Formation: **Marmaton**
Deviated: No Whipstock ft (KB)
Time Tool Opened: 19:42:51
Time Test Ended: 01:51:20
Test Type: Conventional Bottom Hole
Tester: Brandon Turley
Unit No: 35
Interval: **4346.00 ft (KB) To 4378.00 ft (KB) (TVD)**
Reference Elevations: 2899.00 ft (KB)
Total Depth: 4378.00 ft (KB) (TVD) 2894.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 5.00 ft

Serial #: 6772 Inside

Press@RunDepth: 793.30 psig @ 4347.00 ft (KB) Capacity: 7000.00 psig
Start Date: 2008.07.03 End Date: 2008.07.04 Last Calib.: 2008.07.04
Start Time: 17:50:26 End Time: 01:51:20 Time On Btm: 2008.07.03 @ 19:41:51
Time Off Btm: 2008.07.03 @ 22:43:05

TEST COMMENT: IF: BOB in 30 sec.
IS: BOB in 20 min.
FF: BOB in 3 min.
FS: Surface blow built to 1 in 60 min.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2176.25	117.36	Initial Hydro-static
1	189.67	117.14	Open To Flow (1)
31	674.42	132.42	Shut-In (1)
76	803.36	130.87	End Shut-In (1)
76	681.34	130.76	Open To Flow (2)
121	793.30	131.44	Shut-In (2)
181	802.96	130.65	End Shut-In (2)
182	2108.95	129.87	Final Hydro-static

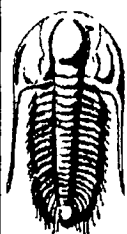
Recovery

Length (ft)	Description	Volume (bbl)
123.00	mcw 90%w 10%m	0.60
249.00	ocw m 40%o 30%w 30%m	3.48
1550.00	go 30%g 70%o	21.74
0.00	310 GIP	0.00

Gas Rates

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

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DRILL STEM TEST REPORT

H&M Petroleum Corp.

731 Weber #200
Colorado Springs, Co
80905
ATTN: Richard Hall

Doyle's Dome #1

31 17s 30w Lane Ks

Job Ticket: 31345 **DST#: 4**
Test Start: 2008.07.04 @ 12:36:25

GENERAL INFORMATION:

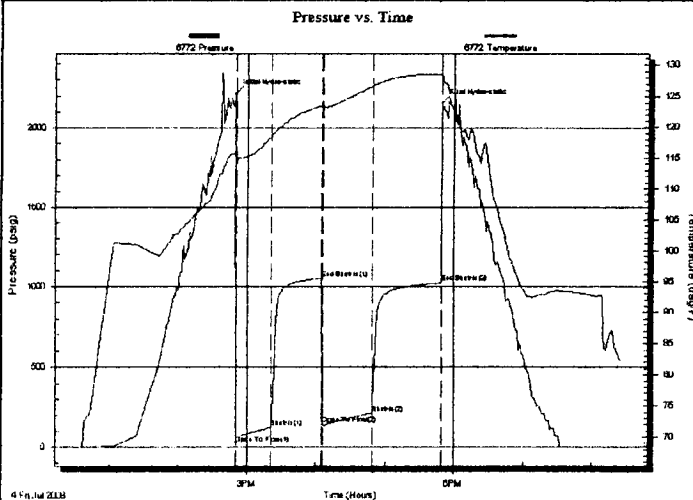
Formation: **Marmaton- Pawnee**
Deviated: No Whipstock ft (KB)
Time Tool Opened: 14:50:20
Time Test Ended: 20:25:34
Interval: **4372.00 ft (KB) To 4416.00 ft (KB) (TVD)**
Total Depth: 4416.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Bottom Hole
Tester: Brandon Turley
Unit No: 35
Reference Elevations: 2899.00 ft (KB)
2894.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 6772

Inside

Press@RunDepth: 212.53 psig @ 4373.00 ft (KB) Capacity: 7000.00 psig
Start Date: 2008.07.04 End Date: 2008.07.04 Last Calib.: 2008.07.04
Start Time: 12:36:25 End Time: 20:25:34 Time On Btm: 2008.07.04 @ 14:49:20
Time Off Btm: 2008.07.04 @ 17:49:19

TEST COMMENT: IF: 1/4 blow BOB in 11 min.
IS: Surface blow built to 4 1/2 in 45 min.
FF: 1/4 blow BOB in 7 min.
FS: Surface blow BOB in 29 min.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2216.16	115.67	Initial Hydro-static
1	23.54	114.39	Open To Flow (1)
32	125.75	118.52	Shut-In(1)
76	1051.91	123.58	End Shut-In(1)
77	139.40	123.37	Open To Flow (2)
119	212.53	126.60	Shut-In(2)
180	1022.77	128.55	End Shut-In(2)
180	2157.50	128.84	Final Hydro-static

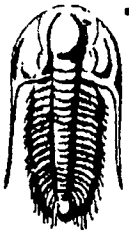
Recovery

Length (ft)	Description	Volume (bbl)
123.00	mcw 80%w 20%m	0.60
124.00	mcgo 40%g 20%o 40%m	1.74
248.00	go 10%g 90%o	3.48
0.00	558 GIP	0.00

Gas Rates

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

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DRILL STEM TEST REPORT

H&M Petroleum Corp.
731 Weber #200
Colorado Springs, Co
80905
ATTN: Richard Hall

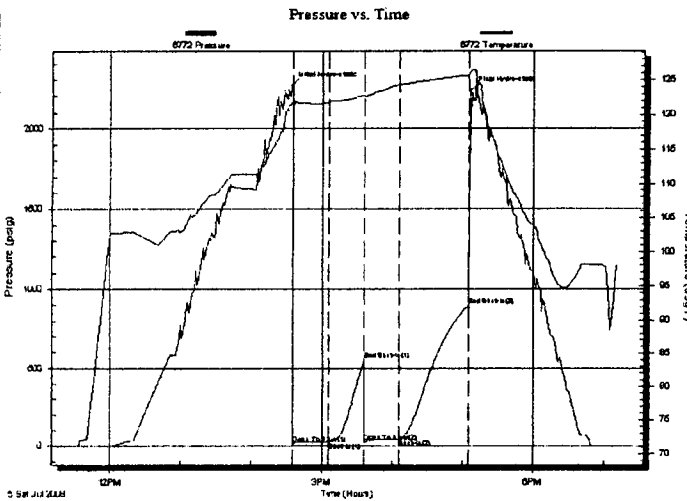
Doyle's Dome #1
31 17s 30w Lane Ks
Job Ticket: 31346 **DST#: 6**
Test Start: 2008.07.05 @ 11:33:35

GENERAL INFORMATION:

Formation: **Johnson**
Deviated: No Whipstock ft (KB)
Time Tool Opened: 14:35:30
Time Test Ended: 19:11:29
Test Type: Conventional Bottom Hole
Tester: Brandon Turley
Unit No: 35
Interval: **4604.00 ft (KB) To 4538.00 ft (KB) (TVD)**
Reference Elevations: 2899.00 ft (KB)
Total Depth: 4538.00 ft (KB) (TVD) 2894.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 5.00 ft

Serial #: 6772 Inside
Press@RunDepth: 44.23 psig @ 4506.00 ft (KB) Capacity: 7000.00 psig
Start Date: 2008.07.05 End Date: 2008.07.05 Last Calib.: 2008.07.05
Start Time: 11:33:35 End Time: 19:11:29 Time On Btm: 2008.07.05 @ 14:34:00
Time Off Btm: 2008.07.05 @ 17:06:44

TEST COMMENT: IF: 1/4 blow built to 1/2 died in 14 min.
IS: No return.
FF: Surface blow died in 20 min.
FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2263.74	121.66	Initial Hydro-static
2	15.69	120.97	Open To Flow (1)
33	27.00	121.88	Shut-In (1)
62	551.93	122.79	End Shut-In (1)
62	27.57	122.56	Open To Flow (2)
92	44.23	124.32	Shut-In (2)
151	899.52	125.72	End Shut-In (2)
153	2232.32	126.25	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	mud 100%m	0.10

Gas Rates

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

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