



KANSAS CORPORATION COMMISSION 1065829
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 # 33937
Name: Neal LaFon Realty Inc. dba Meridian Energy Inc.
Address 1: 1475 WARD DR
Address 2: _____
City: FRANKTOWN State: CO Zip: 80116 + 9405
Contact Person: Neal LaFon
Phone: (303) 688-4022
CONTRACTOR: License # 33905
Name: Royal Drilling Inc
Wellsite Geologist: Neal LaFon
Purchaser: Plains Marketing LLC

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 #: _____

<u>6/24/2011</u>	<u>6/30/2011</u>	<u>9/11/2011</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-051-26140-00-00

Spot Description: _____
E2 NW SW NE Sec. 17 Twp. 11 S. R. 17 East West
1650 Feet from North / South Line of Section
2275 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: Ellis

Lease Name: Mock Well #: 2

Field Name: _____

Producing Formation: Arbuckle

Elevation: Ground: 1806 Kelly Bushing: 1813

Total Depth: 3431 Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: 1033 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: 1033

feet depth to: 0 w/ 450 sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 48000 ppm Fluid volume: 400 bbls

Dewatering method used: Evaporated

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: Deanna Garcia Date: 10/31/2011



1065829

Operator Name: Neal LaFon Realty Inc. dba Meridian Energy Inc. Lease Name: Mock Well #: 2
 Sec. 17 Twp. 11 S. R. 17 East West County: Ellis

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 checked="" 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 Electric Log Submitted Electronically <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: Dual Compensated Porosity log Microresistivity Dual Induction Laterlog	<input 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>1057</td> <td>+756</td> </tr> <tr> <td>Topeka</td> <td>2768</td> <td>-955</td> </tr> <tr> <td>Heebner</td> <td>2998</td> <td>-1185</td> </tr> <tr> <td>Toronto</td> <td>3019</td> <td>-1206</td> </tr> <tr> <td>Kansas City</td> <td>3042</td> <td>-1229</td> </tr> <tr> <td>Arbuckle</td> <td>3345</td> <td>-1532</td> </tr> </table>	Name	Top	Datum	Anhydrite	1057	+756	Topeka	2768	-955	Heebner	2998	-1185	Toronto	3019	-1206	Kansas City	3042	-1229	Arbuckle	3345	-1532
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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
surface csg	8.875	8.625	23.0	1033	common	450	3% CC
PROD	8.875	5.5	15.50	3430	Class A	125	10% salt 5% gil

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 (Amount and Kind of Material Used)	Depth
6	3350-3356 3346-3348	Acid 2000 gal 28% NE DSFE Polymer 5760 bbls	

TUBING RECORD: Size: <u>2.875</u> Set At: <u>3300</u> Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. <u>9/11/2011</u>		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 Bbls. <u>60</u>	Gas Mcf _____ Water Bbls. <u>75</u> Gas-Oil Ratio _____ Gravity <u>32</u>

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 checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>3346-3356</u>
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CONSOLIDATED
Oil Well Services, LLC

TICKET NUMBER 28095
LOCATION Oak Hills
FOREMAN Walt Dinkal

PO Box 884, Chanute, KS 66720
820-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT
CEMENT

Ks

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
6-30-11	5665	Mock #2	17	115	17W	Ellis
CUSTOMER <u>Meridian Energy</u>			TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS			<u>463</u>	<u>Josh Gubbe, Miles Shaw</u>		
CITY			<u>439</u>	<u>Cory Davis</u>		
STATE						
ZIP CODE						

JOB TYPE Prod-O HOLE SIZE _____ HOLE DEPTH 3431' CASING SIZE & WEIGHT 5 1/2-15.5
CASING DEPTH 3430 DRILL PIPE _____ TUBING _____ OTHER _____
SLURRY WEIGHT 14.2 SLURRY VOL 42 BBL WATER gal/sk _____ CEMENT LEFT in CASING 22.5'
DISPLACEMENT 83 1/4 DISPLACEMENT PSI 600* MIX PSI _____ RATE 6 BPM

REMARKS: Safety Meeting, rig up on Royal Drk #1, circ outbottom, 1 Hr
mix 30 sks in RH, 20 sks in MH, Pump 500gal Mud Flush, mixed 125 sks
com, 10% salt, 5# Kalseal, 2/10 CEL-115, 25 CAF-38
Clear Pump + Lines, release Plug + Displace 83 1/4 BBL H₂O @ 600*
Landed Plug @ 1100', release Pressure Float Held

3:00 AM

Thank You
Walt + crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401C	1	PUMP CHARGE	2850 ⁰⁰	2850 ⁰⁰
5406	35	MILEAGE	5 ⁰⁰	175 ⁰⁰
11045	175 sks	Class A Cement	16 ⁸⁰	2,940 ⁸⁰
1111	826 #	Salt	.42	346 ⁹²
1110A	875 #	Kalseal	.53	463 ⁷⁵
1135A	33 #	EL-115	9 ⁹⁵	328 ²⁵
1146	40 #	CAF-38	9 ⁷²	388 ⁸⁰
5407	8.23	Tow Mileage Delivery	158	455 ⁰⁰
4159	1	A-FU Float Shoe-5 1/2	413 ⁰⁰	413 ⁰⁰
4454	1	Latch down Plug Assy	289 ⁰⁰	289 ⁰⁰
4130	10	Centralizers	58 ⁰⁰	580 ⁰⁰
4104	1	Basket	276 ⁰⁰	276 ⁰⁰
4315	10	Rotating Scratches	90 ⁰⁰	900 ⁰⁰
				10,405 ⁸³
		<u>247,397</u> Less 15% Disc		- 1,560 ⁸⁷
				8,844 ⁹⁵
			SALES TAX	370 ⁸⁴
			ESTIMATED TOTAL	9,215 ⁸⁴

Rev'n 3737

AUTHORIZATION: [Signature]

TITLE _____ DATE _____

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.

WELL REPORT

Well: Meridian Energy Inc. #2 Mock
Approx. NW SW NE Section 17
2287' fel x 1650' fnl
T. 11 S., R. 17W.
Ellis County, Kansas

Elevation: GL 1806
KB 1813

Total Depth: Driller 3431 Logger 3430

Date spudded: 6/24/11

Date completed: 6/29/11

Drill Stem Test: None

Results: Run 5 1/2 csg to evaluate

Drilling Contractor: Royal Drilling, Rig 1

Mud Contractor: Mudco

Logs Run: Log-Tech- Dual Induction Log/ Neutron/Density/Microlog

Wellsite Geologist: Neal LaFon- Franktown, Colorado

FORMATION TOPS

Anhydrite	1057	+756
Topeka	2768	- 955
Heebner	2998	-1185
Toronto	3019	-1206
Kansas City	3042	-1229
Arbuckle	3345	-1532
Total Depth	3431	

SAMPLE DESCRIPTIONS

10' SAMPLES LAGGED AND CORRELATED BACK TO LOG

Topeka Limestone 2768-2792 Ls, gray, micro xtln, tite, no show
2794-2816 Ls, buff, micro xtln, tite, no show
2822-2836 Ls, buff, vf xtln, hard, tite, no show
2840-2850 Ls, vf xtln foss, soft, sl dead brn oil stn NSFO.
2860-2870 Ls, f-m xtln, pelletoidal, foss, hard, no show, some soft chalky, some
ls, micro xtln.
Ls vf xtln, soft w/dead oil bit, tr with lt stn, but NSFO, good porosity
2886-2890 Ls, wt/buff, vf xtln, no show

2900-2942 Ls, wt, micro xtn, tite no show
2942-2954 Ls, brn, dirty looking, micro xtn, tite, no show
2954-2995 Ls, wt, micro xtn, f xtn, no por, no show.

Toronto 3019-3034 Ls, wt, micro xtn, tite, no show

Kansas City A-B 3042-3064 Ls, gray/brn, micro xtn, tite, no show.

C 3073-3090 Ls, wt, cherty, micro xtn, one grn w tr pin pt vug por, brn stn NSFO
Towards base Ls, brn med xtn with shale clasts.

D 3093-3110 Ls, brn, med grn stn, foss, tite, cemented, one piece abun pin pt vug por,
stn, FSFO when crushed, lots of Ls, wt, mirco xtn, tite, no show

E-F 3112- 3122 Ls, wt, micro xtn, tt, no show,
One grn ls, lt brn, micro xtn, w / spotty pin pt vug por, w brn stn, SSFO

G 3128-3162 Ls, dark brn, med xtn, hard, tite no show
One piece f xtn, pin pt vug por, w/dd oil stn NSFO,
Lots of ls, buff/wt, micro xtn hard, tite, no show

H 3174- 3194 Ls, f-m xtn, pin pt vug por, brn stn SSO on break, rest no show.

I-J 3198-3232 Ls, wt, oolitic, cemented, cherty, tite no show, one grn f xtn, abun pin pt
por, dd oil stn NSFO, goodpor.

K 3244-3258 Ls, wt, micro xtn, tite, no show.

L 3264-3288 Ls, a/a

Cong 3292-3316 Ls, yellow , m xtn, oolitic, cherty, hard, tite, no show
3316-3344 shale, bluish/red/purple

3328- 3330 Dolo, f xtn, clear, granular, brn stn SSFO, gd odor, gd por.
3330-3344- shale, brt blue

Arbuckle 3345-3358 Dolo, , buff, f-m xtn, intergran por, gd brn stn, FSFO, some w//exc vug
por, gd brn stn SFO, some clear m granular exc por, some pin pt intergran
por, some large oomoldic por/vugs?, towards base some barren porosity.

Descriptions and Depths as per lagged 10' samples- not lagged back to "interpreted" log depths

3360-3370 Dolo, wt, f xtn, barren, most tite, few pieces granular a/a with gd
show.

3370-3380 Dolo, brown, f xtn, hard, tite, no show
few grns w/poor sat, SFO when crushed, VF xtn, poor por.

3390-3390 Dolo, wt, m granular tite, few grns with scat vug por, exc SFO when
crushed.

3390-3400 Dolo, brn, vug por, no show, mostly tite, most of gd res rock with por had shows. Appears por streaks here have some oil saturation.

3400-3410 Out of shows, Dolo, buff, f xtl, hard, tite, no shows

3410-3431 Dolo, buff, hard, tite, no show. Trace vug por, barren.

MUD RECORD

@955'	WT 10.5	VIS 37	WL	
@1319'	WT 8.4	VIS 28	WL	
@2342'	WT 9.8	VIS 29	WL 8	MC
@ 2975	WT 8.9	VIS 37	WL 7.6	MC 1/32
@ 33391	WT 9.3	VIS 49	WL 7.2	MC 1/32

DEVIATIONS

@1033 1 1/2 degrees

@3431 1 3/4 degrees

COMMENTS

This well came in a few feet lower than offsetting wells. We had decent pay zones in the Arbuckle. No shows to speak of in the Topeka or Kansas City zones.