



KANSAS CORPORATION COMMISSION 1065519
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 #: _____
4/13/2011 4/18/2011 6/28/2011
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 15-163-23948-00-00
Spot Description: _____
 NW SE NW Sec. 19 Twp. 10 S. R. 19 East West
1650 Feet from North / South Line of Section
1650 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Rooks
Lease Name: Berland Well #: 1-A
Field Name: _____
Producing Formation: Arbuckle
Elevation: Ground: 2228 Kelly Bushing: 2233
Total Depth: 3869 Plug Back Total Depth: 3869
Amount of Surface Pipe Set and Cemented at: 236 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: _____ Feet
If Alternate II completion, cement circulated from: 236
feet depth to: 0 w/ 160 sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content: 68000 ppm Fluid volume: 500 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 Garrison Date: 6/10/19/2011



1065519

Operator Name: Neal LaFon Realty Inc. dba Meridian Energy Inc. Lease Name: Berland Well #: 1-A
 Sec. 19 Twp. 10 S. R. 19 East West County: Rooks

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 checked="" type="checkbox"/> Yes <input 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 Induction Log CNL/CDL Microlog	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:70%;">Name</td> <td style="width:15%;">Top</td> <td style="width:15%;">Datum</td> </tr> <tr> <td>Anhydrite</td> <td>1618</td> <td>+614</td> </tr> <tr> <td>Topeka</td> <td>3230</td> <td>-998</td> </tr> <tr> <td>Heebner</td> <td>3439</td> <td>-1207</td> </tr> <tr> <td>Kansas City</td> <td>3476</td> <td>-1244</td> </tr> <tr> <td>Arbuckle</td> <td>3794</td> <td>-1562</td> </tr> </table>	Name	Top	Datum	Anhydrite	1618	+614	Topeka	3230	-998	Heebner	3439	-1207	Kansas City	3476	-1244	Arbuckle	3794	-1562
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Arbuckle	3794	-1562																	

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
Production	8.875	5.50	15.50	3869	com	150	10% naCl
Surface	8.875	8.625	20.0	236	com	160	5% cl, 3%gel

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input checked="" type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	0-1562	com	185	

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
6	3827-29 3815-19 3799-3811	750 gal 28%NE FE acid	
		4640 bbl polymer	

TUBING RECORD:	Size: <u>2.375</u>	Set At: <u>3750</u>	Packer At: <u> </u>	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR. <u>6/28/2011</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 Bbbs. <u>5</u>	Gas Mcf	Water Bbbs. <u>75</u>	Gas-Oil Ratio	Gravity <u>26</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) (Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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WELL REPORT

Well: Meridian Energy Inc. #1 A Berland
Approx. NW SE NW Section 19
1650' fnl x 1650' fwl
T. 10 S., R. 19W.
Rooks County, Kansas

Elevation: GL 2226
KB 2232

Total Depth: Driller 3870 Logger 3869

Date spudded: 4/13/11

Date completed: 4/18/11

Drill Stem Test: None

Results: Rn 5 1/2 csg to evaluate

Drilling Contractor: Royal Drilling, Rig 1

Mud Contractor: Andy's Mud

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

Wellsite Geologist: Neal LaFon- Franktown, Colorado

FORMATION TOPS

Anhydrite	1618	+614
Topeka	3230	- 998
Heebner	3439	-1207
Toronto	3460	-1228
Kansas City	3476	-1244
Arbuckle	3794	-1562
Total Depth	3870	

SAMPLE DESCRIPTIONS

10' SAMPLES LAGGED AND CORRELATED BACK TO LOG

Topeka Limestone 3230-3268 Ls, gray, vf xtlm, tt, no show some microstln tt no show
3278-3296 Ls, buff-gray, f xtlm, dirty, tt no show
3296-3321 Ls, buff, f-m xtlm, foss, tt, no show
3338-3360 Ls, wt, micro xtlm, tt, no show, tr chalky
3360-3384 Ls, gray, dirty, tite, no show
3384-3402 Ls, gray, micro xtlm tt, no show
3404-3414 Ls, wt, vf xtlm, tr chalky, tite, no show
3414-3440 Ls, wt, micro xtlm, some chalky, tite, no show

- Toronto 3460-3470 Ls, wt, micro xtlm, tr chalky, tite, no show
- Kansas City A ⁷⁶ 3496-3482 Ls, wt, vf xtlm, cherty, some soft chalky, no show.
- B 3495-3500 Ls, wt, vf xtlm, hard, tite, no show.
- C 3510-3522 Ls, oolitic-m xtlm, fair por, intergran por, v lt stn, NSFO looks wet
One grn w/sl vug por, pinpt stn SSFO poor por.
Mostly ls, wt, vf xtlm-micro xtlm, tt, no show. Some chalky ls towards base.
- D 3526-3542 few grns Ls, wt, vvf xtlm, pinpt intergran por w/ PSFO, good odor/oil droplets in sample cups) Log shows 12% por 7 ohms @ 3529.
- E-F 3550- 3560 Ls, wt, micro xtlm, tt, no show,
One grn f-m xtlm, pinpt intergran por, ppr por, lt stn VSSFO
- G 3560-3578 Ls, wt, oolitic, hard, tite, tr chert, no show
3578-3594 one grn ls wt, m grainstone, w/gd intergran por, bleeding oil GSFO
rest Ls, wt, f xtlm, to micro xtlm, some oolitic, tite, no show
- H 3610- 3620 Ls, wt, micro xtlm, tite, no show.
- I-J 3628-3653 Ls, a/a no show
- K 3662-3674 Ls, a/a few pieces oolitic w/ dead bitumen, NSFO
- L 3680-3686 Ls, gray, vf xtlm-micro xtlm, tite, no show.

Cong 3640 shale, red, green
3732-3766 Chert, wt, orange, some w/dead bitumen, tr vvf grn ss, fri, no show.
3770-3780 Chert a/a one grn ss, m grn, clear, clean, hard, heavy stn SFO when crushed
3780 shale bright green

Arbuckle 3793-3803 Dolo, brown, m xtlm, poor intergran por, lt stn, SSFO when crushed, exc odor, sl oil scum, one grn v/vug por but wet NSFO. Lots Dolo, brown, tite, no show.

3803-3830 Dolo, buff, m-c xtlm, inter gran por, "sucrosic" heavy stn, GSFO. Lots of Dolo, buff, rextlized, tite, no show.

3830- 3850 appear to be out of show. Dolo a/a no show.

3850-3860 shale, green, Dolo, buff-pink, f xtlm, hard, tite, no show

3860-3870 Dolo, m xtlm, some w gd-exc por, barren, wet.

MUD RECORD

@3140'	WT 9.0	VIS 56	WL 8	MC 1/32
@ 3493	WT 9.2	VIS 56	WL 8.8	MC 1/32
@ 3870	WT 9.3	VIS 64	WL 8.8	MC 1/32

COMMENTS

This well came in structurally flat with surrounding producers. Shows in the KC were minor in quantity and quality. Shows in the upper Arbuckle were scattered in generally poor quality rock. Marginal but probable reservoir quality rock with shows was interspersed with tite dolomite lacking porosity and shows.

ALLIED CEMENTING CO., LLC. 039676

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:

Russell KS.

DATE <u>4-13-2011</u>	SEC. <u>19</u>	TWP. <u>10</u>	RANGE <u>19</u>	CALLED OUT	ON LOCATION	JOB START <u>8:30PM</u>	JOB FINISH <u>9:00PM</u>
LEASE <u>BERLAND</u>	WELL # <u>A-1</u>	LOCATION <u>ZURICH KS. W TO RD #7</u>			COUNTY <u>ROCK'S</u>	STATE <u>KANSAS</u>	
OLD OR <u>NEW</u> (Circle one)		<u>4 S, TO DEAD END</u>			<u>1/4 S 1/4 E</u>		

CONTRACTOR Royal DLG. Rig #
 TYPE OF JOB Cement SURFACE
 HOLE SIZE 12 1/4 T.D. 236'
 CASING SIZE 8 5/8 New DEPTH 235'
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. 15'
 PERFS. _____
 DISPLACEMENT 14 / BBL

OWNER _____
 CEMENT AMOUNT ORDERED 160 ccm 3%cc 2%GEL

COMMON	<u>160</u>	@ <u>16.25</u>	<u>2600.00</u>
POZMIX		@	
GEL	<u>3</u>	@ <u>27.25</u>	<u>81.75</u>
CHLORIDE	<u>5</u>	@ <u>58.25</u>	<u>291.25</u>
ASC		@	
		@	
		@	
		@	
		@	
		@	
		@	
HANDLING	<u>168</u>	@ <u>2.11</u>	<u>354.48</u>
MILEAGE	<u>14.5</u>	@ <u>56.00</u>	<u>812.00</u>
TOTAL			<u>4164.33</u>

EQUIPMENT

PUMP TRUCK CEMENTER Glenn
 # 398 HELPER Woody
 BULK TRUCK
 # 410 DRIVER Nick
 BULK TRUCK
 # _____ DRIVER _____

REMARKS:

Ran 5 NEW JTS OF 8 5/8 CSG. (20#)
Set @ 235', Receive circulation
& cement w/ 160 s x cm 2 & 3
Displace 14 BBL H₂O & SHOT
IN @ 300#
Cement did circulate
TO SURFACE
THANK'S

SERVICE

DEPTH OF JOB			
PUMP TRUCK CHARGE			<u>1125.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>90</u>	@ <u>7.00</u>	<u>630.00</u>
MANIFOLD		@	
		@	
<u>Light Vehicle</u>	<u>90</u>	@ <u>4.00</u>	<u>360.00</u>

CHARGE TO: Neal LaFon Realty (Meridian ENERGY)
 STREET _____
 CITY _____ STATE _____ ZIP _____

TOTAL 2115.00

PLUG & FLOAT EQUIPMENT

To Allied Cementing Co., LLC.

	@		
	@		
	@		
	@		

STREET _____
CITY _____ STATE _____ ZIP _____

TOTAL 2115.00

PLUG & FLOAT EQUIPMENT

_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____

TOTAL _____

To Allied Cementing Co., LLC.
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) 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 and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

SALES TAX (If Any) _____

TOTAL CHARGES _____

DISCOUNT _____ IF PAID IN 30 DAYS

PRINTED NAME Doug Budig

SIGNATURE Doug Budig



P. 0017003

(FAX) 785 798 2384

10/18/2011 13:20 Swift Services

CHARGE TO: Meridian Energy
 ADDRESS:
 CITY, STATE, ZIP CODE:

TICKET
19455

PAGE 1 OF 2

SERVICE LOCATIONS:
 1. Days, KS
 2. Ness City, KS
 3.
 4.

WELL/PROJECT NO. #1-A LEASE Berland COUNTY/PARISH Rooks STATE Ks CITY DATE 4-18-11 OWNER Same

TICKET TYPE SERVICE SALES CONTRACTOR Royal Dety #1 RIG NAME/NO. SHIPPED VIA Ch DELIVERED TO Location ORDER NO.

WELL TYPE oil WELL CATEGORY Development JOB PURPOSE 2-stage WELL PERMIT NO. WELL LOCATION

REFERRAL LOCATION INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE		AMOUNT
		LOC	ACCT	DF			UM		UM	
575		1			MILEAGE #104	40	mi	5	cc	200.00
579		1			Pump Charge (2-Stage)	1	ea	3870	'	1750.00
221		1			KEL	4	gal	25	cc	100.00
281		1			Mud Flush	500	gal	1	cc	500.00
290		1			D-Air	4	gal	35	cc	140.00
402		1			Centralizers	11	ea	5 1/2	"	65.00
403		1			Baskets	2	ea	230	cc	460.00
407		1			Desert Float Shoe w/ fill	1	ea	300	cc	300.00
408		1			D.V. Tool & Plug set	1	ea	2750	cc	2750.00
413		1			Rotwall Scratchers	10	ea	40	cc	400.00
417		1			D.V. L.D. Plug & Baffle	1	ea	200	cc	200.00
419		1			Rotating Head	1	ea	150	cc	150.00

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

X [Signature]
 DATE SIGNED 4-19-11 TIME SIGNED 0510
 A.M.
 P.M.

REMIT PAYMENT TO:

SWIFT SERVICES, INC.
 P.O. BOX 466
 NESS CITY, KS 67560
 785-798-2300

SURVEY

OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?	AGREE	UN-DECIDED	DIS-AGREE
WE UNDERSTOOD AND MET YOUR NEEDS?			
OUR SERVICE WAS PERFORMED WITHOUT DELAY?			
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?			
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND			

PAGE TOTAL 1	7665	cc
page 2	7314	cc
subtotal	14979	cc
Rooks 6.3%	737.89	
TOTAL	15,716	89

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

SWIFT OPERATOR: [Signature] APPROVAL

Thank You!



PO Box 466
Ness City, KS 67560
Off: 785-798-2300

TICKET CONTINUATION

TICKET No. 19455

CUSTOMER Meridiana Energy WELL #1-A Berland DATE 4-14-11 PAGE 2 OF 2

LINE NUMBER	DESCRIPTION	QUANTITY	UNIT	PRICE	AMOUNT				
325	Standard Cement	2	150 sks	12.00	1800.00				
330	SAD Cement	2	285 sks	15.00	3375.00				
276	Flocele	2	100 # 1/4 #/sk	1.50	150.00				
283	salt	2	750 #	15	112.50				
284	Calseal	2	7 sks	30.00	210.00				
286	Halad-1	2	50 #	7.00	350.00				
581	SERVICE CHARGE	2	375 sk	1.50	562.50				
583	TOTAL WEIGHT	2	37696	LOADED MILES	40	TON MILES	754	1.00	754.00
TOTAL AMOUNT									7314.00

P.002/003

(FAX) 785 798 2384

10/18/2011 13:20 Swift Services

JOB LOG

SWIFT Services, Inc.

DATE 4-18-11 PAGE NO. 1
 TICKET NO. 19455

CUSTOMER Meridian Energy WELL NO. #1-A LEASE Berland JOB TYPE 2-stage

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				JT	C	TUBING	CASING	
	2300							on loc su/FE
								BTD 3870
								5 1/2" x 15.5" x 3869' x 21'
								Cent. 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 54
								Bank 55, 78
								DV 55 @ 1565'
	1110							Start FE
	0100							Break Circ
	0220	3	0			150		Start P.P.A. 500 gal Mud flush
	0230	4	32/0			200		30 gal KCL flush
	0240		26					Start EA-2 150 sks
								End Cement
								Wash P&L
								Drop L.D. Plug
	0245	5	0			150		Start Displacement water
	0257	5	60			200		Mud
	0258	5	64			300		Catch Cement
	0305	5	9/5			1200		Land Plug
								Release pressure / Hold
	0310							Drop Opening Plug
	0320					1100		Open D.V.
								Circ 45 min
	0405	2	7/5					Plug RH & MH 25/15 sks SMD
	0415	4	0			100		Start KCL flush
	0420	5	20/0			150		Start Cement 185 sks SMD
	0440		103					End Cement
								Drop Closing Plug
	0445	4	0			100		Start Displacement
								Circulate Cement + white mixing
	0455		37			450 / 1200		Land Plug
								Close D.V.
								Release Pressure / DV Closed
								C.M.L. 65 sks Cement to pit
								Thank you
								Mick, Josh, Pi & Rob