

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1239237
OIL & GAS CONSERVATION DIVISION

Form ACO-1

August 2013

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
- Plug Back Conv. to GSW Conv. to Producer
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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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

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
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____

1239237

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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Electric Log Run	<input type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run:				

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				

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 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)*

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

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> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	11/3/2014
Job End Date:	11/4/2014
State:	Kansas
County:	Harper
API Number:	15-077-22091-02-00
Operator Name:	SandRidge Energy
Well Name and Number:	JONES TRUST 3408 2-28H 2L
Longitude:	-98.19561446
Latitude:	37.06455441
Datum:	NAD27
Federal/Tribal Well:	NO
True Vertical Depth:	5,432
Total Base Water Volume (gal):	1,963,206
Total Base Non Water Volume:	0



Hydraulic Fracturing Fluid Composition:

Trade Name	Supplier	Purpose	Ingredients	Chemical Abstract Service Number (CAS #)	Maximum Ingredient Concentration in Additive (% by mass)**	Maximum Ingredient Concentration in HF Fluid (% by mass)**	Comments
Water	Archer	Carrier/Base Fluid					
			Water	7732-18-5	100.00000	95.90086	None
Sand (Proppant)	Archer	Proppant					
			Silica Substrate	NA	100.00000	3.59113	None
Hydrochloric Acid (15%)	Archer	Acidizing					
			Hydrochloric Acid	7647-01-0	15.00000	0.05793	None
			NONYL PHENOL, 4 MOL	104-40-5	10.00000	0.00432	None
			Methyl Alcohol	67-56-1	80.00000	0.00049	None
			thiourea-formaldehyde copolymer	68527-49-1	15.00000	0.00009	None
Chemflush	Archer	Enviro-Friendly Chemical Flush					
			Hydrotreated Petroleum Distillate	64742-47-8	99.00000	0.00184	None
			Alcohol Ethoxylate Surfactants	NA	10.00000	0.00019	None
AIC	Archer	Liquid Acid Iron Control					
			Acetic Acid	64-19-7	50.00000	0.00110	None
			Citric Acid	77-92-9	30.00000	0.00066	None
Ingredients shown above are subject to 29 CFR 1910.1200(i) and appear on Material Safety Data Sheets (MSDS). Ingredients shown below are Non-MSDS.							
		Other Chemicals					

		Water	7732-18-5		0.04436
		WATER	7732-18-5		0.02594
		Aliphatic Hydrocarbon	64742-47-8		0.02218
		Anionic Polymer	N/A		0.02218
		TRADE SECRET	N/A		0.01729
		METHANOL	67-56-1		0.00432
		ISOPROPANOL	67-63-0		0.00432
		Polyol Ester	N/A		0.00370
		Oxyalkylated Alcohol	68002-97-1		0.00370
		Water	7732-18-5		0.00077
		Polyglycol Ester	N/A		0.00074
		Alcohol Ethoxylate Surfactants	N/A		0.00009
		Tetrasodium Ethylenediaminetetraacetate	64-02-8		0.00007
		n-olefins	N/A		0.00005
		Propargyl Alcohol	107-19-7		0.00004
		Surfactant	N/A		
		Acetic Acid	64-19-7		
		Water	7732-18-5		
		Acrylic Polymer	28205-96-1		
		Water	7732-18-5		
		Cinnamic Aldehyde	104-55-2		
		Buffer	N/A		
		Sodium Salt of Phosphate Ester	68131-72-6		

* Total Water Volume sources may include fresh water, produced water, and/or recycled water

** Information is based on the maximum potential for concentration and thus the total may be over 100%

Note: For Field Development Products (products that begin with FDP), MSDS level only information has been provided.

Ingredient information for chemicals subject to 29 CFR 1910.1200(i) and Appendix D are obtained from suppliers Material Safety Data Sheets (MSDS)

Jones Trust 3408 2-28H 2L

Date	Top Depth	Bottom Depth	Zone	Shot Density	Type
11/03/14	5,621	5,624	Miss Lime,	1	Frac Sleeve
11/03/14	5,720	5,723	Miss Lime,	1	Frac Sleeve
11/03/14	5,819	5,822	Miss Lime,	1	Frac Sleeve
11/03/14	5,965	5,968	Miss Lime,	1	Frac Sleeve
11/03/14	6,110	6,113	Miss Lime,	1	Frac Sleeve
11/03/14	6,256	6,259	Miss Lime,	1	Frac Sleeve
11/03/14	6,402	6,405	Miss Lime,	1	Frac Sleeve
11/03/14	6,543	6,546	Miss Lime,	1	Frac Sleeve
11/03/14	6,736	6,739	Miss Lime,	1	Frac Sleeve
11/03/14	6,828	6,831	Miss Lime,	1	Frac Sleeve
11/03/14	6,974	6,977	Miss Lime,	1	Frac Sleeve
11/03/14	7,112	7,115	Miss Lime,	1	Frac Sleeve
11/03/14	7,258	7,261	Miss Lime,	1	Frac Sleeve
11/03/14	7,404	7,407	Miss Lime,	1	Frac Sleeve
11/03/14	7,549	7,552	Miss Lime,	1	Frac Sleeve
11/03/14	7,691	7,694	Miss Lime,	1	Frac Sleeve
11/03/14	7,836	7,839	Miss Lime,	1	Frac Sleeve
11/03/14	7,981	7,984	Miss Lime,	1	Frac Sleeve
11/03/14	8,126	8,129	Miss Lime,	1	Frac Sleeve
11/03/14	8,264	8,267	Miss Lime,	1	Frac Sleeve
11/03/14	8,411	8,414	Miss Lime,	1	Frac Sleeve
11/03/14	8,553	8,556	Miss Lime,	1	Frac Sleeve
11/03/14	8,698	8,701	Miss Lime,	1	Frac Sleeve
11/03/14	8,844	8,847	Miss Lime,	1	Frac Sleeve
11/03/14	8,990	8,993	Miss Lime,	1	Frac Sleeve
11/03/14	9,136	9,139	Miss Lime,	1	Frac Sleeve
11/03/14	9,273	9,276	Miss Lime,	1	Frac Sleeve
11/03/14	9,419	9,422	Miss Lime,	1	Frac Sleeve



SandRidge Energy
Jones Trust #3408 2-28H
Harper County, KS.

1.0 Executive Summary

Allied Oil & Gas Services would like to thank you for the award of the provision of cementing products and services on the well Jones Trust #3408 2-28 Surface Casing.

A pre-job meeting was held to discuss job details, review the safety hazards, potential environmental impact and established emergency procedures.

Allied started the job testing lines to 2000 psi. After a successful test we began the job by pumping 10 bbls of preflush spacer. We then mixed and pumped the following cements:

77 Bbls (230 sacks) of 12.7 ppg Lead slurry:
Class A poz Blend Yeild 1.87
6% Gel
2% CC
¼# Floseal

32 Bbls (150 sacks) of 15.6 ppg Tail slurry
Class A Yeild 1.20
2% CC
¼ # Floseal

The top plug was then released and displaced with 54 Bbls of fresh water. The plug bumped and pressured up to 850 psi. Pressure was released and floats held.

All real time data is shown on the graph in the attachment section.

Allied Oil & Gas Services remains committed to provide operational excellence and superior product performance. All comments and suggestions are greatly appreciated and help us to continue to provide this level of service.

Again we want to thank you for the opportunity to perform these and your future cementing & acidizing service needs.



SandRidge Energy
Jones Trust #3408 2-28H
Harper County, KS.

1.0 Executive Summary

Allied Oil & Gas Services would like to thank you, for the award of the provision of cementing products and services on the well Jones Trust #3408 2-28H Casing.

A pre-job meeting was held to discuss job details, review the safety hazards, potential environmental impact and established emergency procedures.

Allied started the job testing lines to 3000 psi. After a successful test we began the job by pumping 30 bbls of preflush spacer. We then mixed and pumped the following cements:

60 Bbls (240 sacks) of 13.6 ppg Lead slurry:
50:50 Class A:Poz Blend - 1.4 Yield
2.0% Gel
0.4% FL-160
0.1% SA-51

21Bbls (100 sacks) of 15.6 ppg Tail slurry:
Class A - 1.18 Yield
0.8% FL-160
0.2% CD-31

The top plug was then released and displaced with 209 of fresh water. The plug bumped and pressured up to 1600 psi. Pressure was released and floats held.

All real time data is shown on the graph in the attachment section.

Allied Oil & Gas Services remains committed to provide operational excellence and superior product performance. All comments and suggestions are greatly appreciated and help us to continue to provide this level of service.

Again we want to thank you for the opportunity to perform these and your future cementing & acidizing service needs.

Sandridge Energy



SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSEct
5350.0	88.00	180.00	4689.0	-771.0	-422.0	0.00	0.00	755.6
5950.8	89.65	150.00	4701.6	-1344.5	-268.3	5.00	-87.24	1334.2
6515.8	89.65	150.00	4705.1	-1833.8	14.2	0.00	0.00	1833.2
7115.7	89.65	180.00	4708.8	-2406.8	167.7	5.00	90.09	2411.2
9450.0	89.65	179.99	4723.1	-4741.0	168.0	0.00	-96.50	4744.0

Project: Harper County (NAD-27)

Site: Sec 28-T34S-R08W

Well: Jones Trust 3408 2-28H 2L

Plan: Plan 091714 A0 (Jones Trust 3408 2-28H 2L/Wellbore #1)

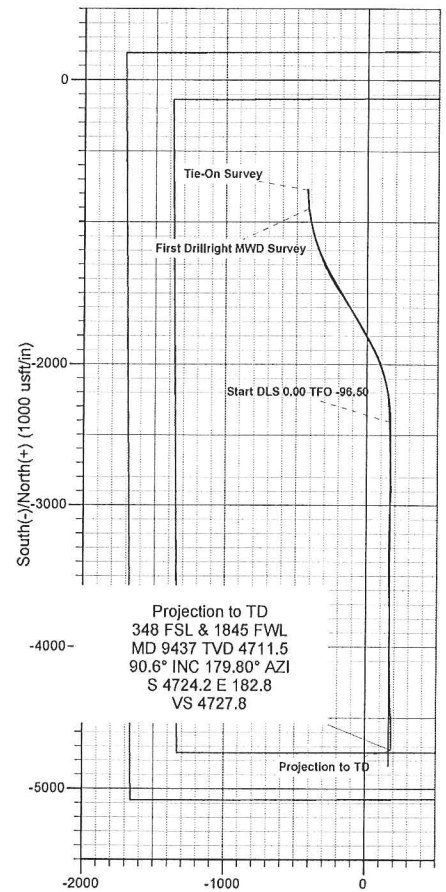
WELL DETAILS: Jones Trust 3408 2-28H 2L

Ground Level: 1274.0				
Northing	Easting	Latitude	Longitude	
145025.00	2088971.00	37° 3' 52.400 N	98° 11' 42.366 W	

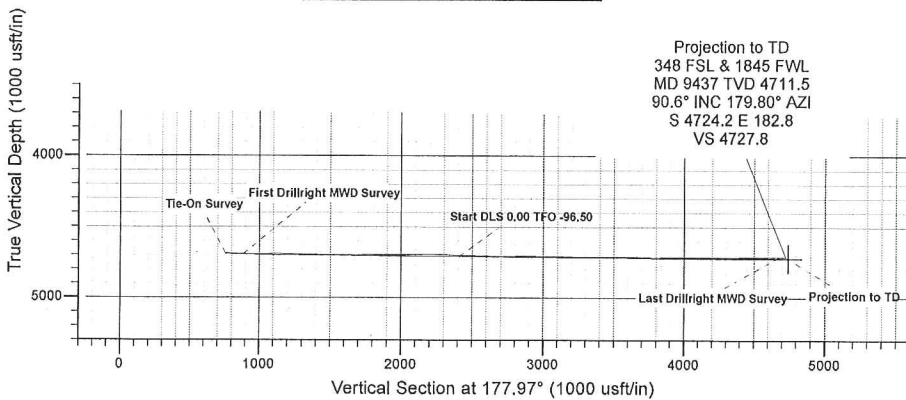
Azimuths to Grid North
Magnetic North: 4.21°

Magnetic Field
Strength: 51561.4snT
Dip Angle: 65.10°
Date: 10/13/2014
Model: IGRF2010

Target Line: 09-17-14
4690 KBTVD @ 0° VS
89.65° @ 192.04AZI Plane



Projection to TD
348 FSL & 1845 FWL
MD 9437 TVD 4711.5
90.6° INC 179.80° AZI
S 4724.2 E 182.8
VS 4727.8



Projection to TD
348 FSL & 1845 FWL
MD 9437 TVD 4711.5
90.6° INC 179.80° AZI
S 4724.2 E 182.8
VS 4727.8

Survey Report

Company:	Sandridge Energy	Local Co-ordinate Reference:	Well Jones Trust 3408 2-28H 2L
Project:	Harper County (NAD-27)	TVD Reference:	KB @ 1295.0usft
Site:	Sec 28-T34S-R08W	MD Reference:	KB @ 1295.0usft
Well:	Jones Trust 3408 2-28H 2L	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 5000.1 Single User Db

Project Harper County (NAD-27)			
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	Kansas South 1502		

Site Sec 28-T34S-R08W			
Site Position:		Northing:	139,947.00 usft
From:	Map	Easting:	2,087,312.00 usft
Latitude:			37° 3' 2.247 N
Longitude:			98° 12' 3.034 W
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Grid Convergence:	0.18 °

Well Jones Trust 3408 2-28H 2L			
Well Position	+N/-S	0.0 usft	Northing: 145,024.00 usft
	+E/-W	0.0 usft	Easting: 2,088,821.00 usft
Latitude:			37° 3' 52.395 N
Longitude:			98° 11' 44.216 W
Position Uncertainty		0.0 usft	Wellhead Elevation: 0.0 usft
			Ground Level: 1,274.0 usft

Wellbore Wellbore #1					
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	10/13/2014	4.39	65.10	51,561

Design Wellbore #1					
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.0	0.0	0.0	177.78	

Survey Program Date 10/31/2014					
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
5,483.0	9,437.0	Survey #1 (Wellbore #1)	MWD	MWD - Standard	

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
5,350.0	88.00	180.00	4,689.0	-771.0	-422.0	754.1	0.00	0.00	0.00	
5,483.0	88.20	173.30	4,693.4	-903.6	-414.2	886.9	5.04	0.15	-5.04	
First Drillright MWD Survey										
5,577.0	91.00	169.00	4,694.1	-996.5	-399.8	980.3	5.46	2.98	-4.57	
5,671.0	90.90	165.80	4,692.5	-1,088.2	-379.3	1,072.7	3.41	-0.11	-3.40	
5,763.0	89.30	160.90	4,692.4	-1,176.3	-352.9	1,161.8	5.60	-1.74	-5.33	
5,854.0	88.40	156.20	4,694.2	-1,261.0	-319.7	1,247.7	5.26	-0.99	-5.16	
5,946.0	89.20	152.70	4,696.1	-1,343.9	-280.0	1,332.1	3.90	0.87	-3.80	
6,036.0	89.00	148.10	4,697.5	-1,422.1	-235.6	1,412.0	5.12	-0.22	-5.11	
6,127.0	89.90	149.00	4,698.4	-1,499.8	-188.1	1,491.4	1.40	0.99	0.99	

Survey Report

Company:	Sandridge Energy	Local Co-ordinate Reference:	Well Jones Trust 3408 2-28H 2L
Project:	Harper County (NAD-27)	TVD Reference:	KB @ 1295.0usft
Site:	Sec 28-T34S-R08W	MD Reference:	KB @ 1295.0usft
Well:	Jones Trust 3408 2-28H 2L	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 5000.1 Single User Db

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
6,219.0	89.90	145.30	4,698.6	-1,577.0	-138.2	1,570.5	4.02	0.00	-4.02	
6,311.0	90.70	147.00	4,698.1	-1,653.4	-86.9	1,648.9	2.04	0.87	1.85	
6,402.0	91.10	150.50	4,696.6	-1,731.2	-39.8	1,728.4	3.87	0.44	3.85	
6,493.0	89.40	149.70	4,696.2	-1,810.1	5.6	1,809.0	2.06	-1.87	-0.88	
6,584.0	89.00	151.80	4,697.5	-1,889.5	50.1	1,890.0	2.35	-0.44	2.31	
6,675.0	90.90	157.90	4,697.6	-1,971.8	88.7	1,973.8	7.02	2.09	6.70	
6,767.0	91.50	164.60	4,695.7	-2,058.9	118.3	2,061.9	7.31	0.65	7.28	
6,858.0	91.30	169.90	4,693.4	-2,147.6	138.3	2,151.3	5.83	-0.22	5.82	
6,949.0	88.30	173.70	4,693.8	-2,237.6	151.3	2,241.8	5.32	-3.30	4.18	
7,041.0	87.70	178.10	4,697.0	-2,329.3	157.9	2,333.7	4.82	-0.65	4.78	
7,135.0	88.10	178.30	4,700.4	-2,423.2	160.8	2,427.6	0.48	0.43	0.21	
7,230.0	88.30	178.70	4,703.4	-2,518.1	163.3	2,522.5	0.47	0.21	0.42	
7,325.0	88.40	178.00	4,706.1	-2,613.0	166.1	2,617.5	0.74	0.11	-0.74	
7,419.0	89.90	178.60	4,707.5	-2,707.0	168.8	2,711.5	1.72	1.60	0.64	
7,514.0	90.80	177.60	4,707.0	-2,801.9	172.0	2,806.5	1.42	0.95	-1.05	
7,609.0	89.90	182.30	4,706.4	-2,896.9	172.1	2,901.4	5.04	-0.95	4.95	
7,704.0	88.50	183.00	4,707.7	-2,991.8	167.7	2,996.0	1.65	-1.47	0.74	
7,798.0	89.80	181.00	4,709.1	-3,085.7	164.4	3,089.7	2.54	1.38	-2.13	
7,892.0	88.30	181.80	4,710.6	-3,179.7	162.1	3,183.5	1.81	-1.60	0.85	
7,986.0	88.90	180.70	4,712.9	-3,273.6	160.1	3,277.3	1.33	0.64	-1.17	
8,081.0	90.50	179.10	4,713.4	-3,368.6	160.2	3,372.3	2.38	1.68	-1.68	
8,175.0	90.70	179.20	4,712.5	-3,462.6	161.6	3,466.2	0.24	0.21	0.11	
8,270.0	90.60	179.30	4,711.4	-3,557.6	162.9	3,561.2	0.15	-0.11	0.11	
8,365.0	90.10	178.80	4,710.8	-3,652.6	164.4	3,656.2	0.74	-0.53	-0.53	
8,460.0	89.00	179.20	4,711.5	-3,747.5	166.1	3,751.2	1.23	-1.16	0.42	
8,554.0	89.60	180.80	4,712.7	-3,841.5	166.1	3,845.1	1.82	0.64	1.70	
8,649.0	90.70	179.20	4,712.4	-3,936.5	166.1	3,940.0	2.04	1.16	-1.68	
8,743.0	89.30	178.60	4,712.4	-4,030.5	167.9	4,034.0	1.62	-1.49	-0.64	
8,838.0	88.40	178.50	4,714.4	-4,125.4	170.3	4,128.9	0.95	-0.95	-0.11	
8,932.0	89.80	178.50	4,715.8	-4,219.4	172.8	4,222.9	1.49	1.49	0.00	
9,026.0	90.90	178.60	4,715.3	-4,313.4	175.1	4,316.9	1.18	1.17	0.11	
9,120.0	90.30	177.60	4,714.3	-4,407.3	178.3	4,410.9	1.24	-0.64	-1.06	
9,213.0	90.60	178.90	4,713.5	-4,500.3	181.1	4,503.9	1.43	0.32	1.40	
9,308.0	90.40	179.70	4,712.7	-4,595.2	182.3	4,598.9	0.87	-0.21	0.84	
9,387.0	90.60	179.80	4,712.0	-4,674.2	182.6	4,677.8	0.28	0.25	0.13	
Last Drillright MWD Survey										
9,437.0	90.60	179.80	4,711.5	-4,724.2	182.8	4,727.8	0.00	0.00	0.00	
Projection to TD - PBHL Jones Trust 2-28H 2L										