

**WELL COMPLETION FORM**  
**WELL HISTORY - DESCRIPTION OF WELL & LEASE**

Confidentiality Requested:

 Yes  No

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

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       SWGPS 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 DistributionALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_



1155345

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  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				

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: <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		

<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <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> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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Form	ACO1 - Well Completion
Operator	SandRidge Exploration and Production LLC
Well Name	Turner 3406 5-7H
Doc ID	1155345

All Electric Logs Run

5 in log TD
Resistivity
Prizm Log
Boresight
Porosity

Form	ACO1 - Well Completion
Operator	SandRidge Exploration and Production LLC
Well Name	Turner 3406 5-7H
Doc ID	1155345

Tops

Name	Top	Datum
Base Heebner	3300	
Lansing	3680	
Cottage Grove	3940	
Oswego Limestone	4225	
Cherokee Group	4388	
Verdigris Limestone	4423	
Mississippi unconformity	4605	
Mississippi Lime	4608	

Form	ACO1 - Well Completion
Operator	SandRidge Exploration and Production LLC
Well Name	Turner 3406 5-7H
Doc ID	1155345

#### Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
5	8568-8866	1500 gals 15% HCL, 4071 bbls fresh slickwater, running TLTR 4107	
5	8207-8498	1500 gals 15% HCL, 4290 bbls fresh slickwater, running TLTR 8612	
5	7868-8124	1500 gals 15% HCL, 4112 bbls fresh slickwater, running TLTR 12897	
5	7523-7790	1500 gals 15% HCL, 4102 bbls fresh slickwater, running TLTR 17165	
5	7180-7415	1500 gals 15% HCL, 4132 bbls fresh slickwater, running TLTR 21445	
5	6788-7057	1500 gas 15% HCL, 4039 bbls fresh slickwater, running TLTR 25621	
5	6446-6709	1500 gals 15% HCL, 4147 bbls fresh slickwater, running TLTR 29939	
5	6141-6393	1500 gals 15% HCL, 4132 bbls fresh slickwater, running TLTR 34186	

Form	ACO1 - Well Completion
Operator	SandRidge Exploration and Production LLC
Well Name	Turner 3406 5-7H
Doc ID	1155345

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
5	5730-6055	1500 gals 15% HCL, 4128 bbls fresh slickwater, running TLTR 38417	
5	5328-5670	1500 gals 15% HCL, 4051 bbls fresh slickwater, running TLTR 42550	

Form	ACO1 - Well Completion
Operator	SandRidge Exploration and Production LLC
Well Name	Turner 3406 5-7H
Doc ID	1155345

### Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Conductor	30	20	75	90	Mid-Continent Conductor grout	10	none
Surface	12.25	9.63	36	785	O-Tex Lite Premium Plus 65/ Premium Plus (Class C)	475	(6% gel) 2% Calcium Chloride, 1/4 pps Cello-Flake, .5% C-41P
Intermediate	8.75	7	26	5228	50/50 Poz Premium/ Premium	375	4% Gel, .4% FL-17, .2% C-51, .1% C-20, .1% C-37, .5% C-41P
Production Liner	6.12	4.5	11.6	8973	50/50 Premium Poz	420	4% Gel, .4% FL-17, .2% C-51, .1% C-20, .1% C-37, .5% C-41P

# Mid-Continent Conductor, LLC

## Invoice

P.O. Box 1570  
Woodward, OK 73802  
Phone: (580)254-5400  
Fax: (580)254-3242

Date	Invoice #
4/5/2013	1811

<b>Bill To</b>
SandRidge Energy, Inc. Attn: Purchasing Mgr. 123 Robert S. Kerr Avenue Oklahoma City, OK. 73102

Ordered By	Terms	Date of Service	Lease Name/Legal Desc.	Drilling Rig
Ricky Beene	Net 45	4/5/2013	Turner 3406 5-7H, Harper Cnty, KS	Lariat 39

Item	Quantity	Description						
Conductor Hole	90	Drilled 90 ft. conductor hole						
20" Pipe	90	Furnished 90 ft. of 20 inch conductor pipe						
Mouse Hole	80	Drilled 80 ft. mouse hole						
16" Pipe	80	Furnished 80 ft. of 16 inch mouse hole pipe						
Cellar Hole	1	Drilled 6' X 6' cellar hole						
6' X 6' Tinchorn	1	Furnished and set 6' X 6' tinchorn						
Mud and Water	1	Furnished mud and water						
Transport Truck - Conductor	1	Transport mud and water to location						
Grout & Trucking	10	Furnished grout and trucking to location						
Grout Pump	1	Furnished grout pump						
Transport Truck - Conductor	1	Furnished transport truck and water to displace cement down center of conductor						
Fence Panels	4	Furnished safety netting around conductor holes						
Welder & Materials	1	Furnished welder and materials						
Dirt Removal	1	Furnished labor and equipment for dirt removal						
Cover Plate	1	Furnished cover plates						
Permits	1	Permits						
AFE Number: <u>DC 12711</u> Well Name: <u>TURNER 3406 5-7 H</u> Code: <u>830-010</u> Amount: <u>*19,340.00</u> Co. Man: <u>HAROLD ZOLLER</u> Co. Man Sig.: <u>Harold Zoller</u> Notes: _____								
		<table border="1"> <tr> <td><b>Subtotal</b></td> <td>\$19,340.00</td> </tr> <tr> <td><b>Sales Tax (0.0%)</b></td> <td>\$0.00</td> </tr> <tr> <td><b>Total</b></td> <td><b>\$19,340.00</b></td> </tr> </table>	<b>Subtotal</b>	\$19,340.00	<b>Sales Tax (0.0%)</b>	\$0.00	<b>Total</b>	<b>\$19,340.00</b>
<b>Subtotal</b>	\$19,340.00							
<b>Sales Tax (0.0%)</b>	\$0.00							
<b>Total</b>	<b>\$19,340.00</b>							





<b>JOB SUMMARY</b>			PROJECT NUMBER <b>SOK 2656</b>	TICKET DATE <b>05/07/13</b>
COUNTY <b>Harper</b>	State <b>Kansas</b>	COMPANY <b>Sandridge Exploration &amp; Production</b>	CUSTOMER REP <b>Jerry Harris</b>	
LEASE NAME <b>Turner 3406</b>	Well No. <b>5-7H</b>	JOB TYPE <b>Intermediate</b>	EMPLOYEE NAME <b>ROBERT BURRIS</b>	

EMP NAME	Robert Burris	Roy Morris				
	Mike Hall					
	Frank Reeves					
	Cheryl Newton					

Form. Name \_\_\_\_\_ Type: \_\_\_\_\_

Packer Type \_\_\_\_\_ Set At **0**

Bottom Hole Temp. **165** Pressure \_\_\_\_\_

Retainer Depth \_\_\_\_\_ Total Depth **5315**

Date	Called Out <b>5/7/2013</b>	On Location <b>5/7/2013</b>	Job Started <b>5/7/2013</b>	Job Completed <b>5/7/2013</b>
Time	<b>08:00</b>	<b>10:30</b>	<b>14:49</b>	<b>18:00</b>

Type and Size	Qty	Make
Auto Fill Tube	0	IR
Insert Float Val	0	IR
Centralizers	0	IR
Top Plug	0	IR
HEAD	0	IR
Limit clamp	0	IR
Weld-A	0	IR
Texas Pattern Gulde Shoe	0	IR
Cement Basket	0	IR

	New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing		26#	7"		Surface	6,317	6,000
Liner							
Liner							
Tubing			0				
Drill Pipe							
Open Hole			8 3/4"		Surface	5,135	Shots/Ft.
Perforations							
Perforations							
Perforations							

Materials			
Mud Type	WBM	Density	lb/Gal
Disp. Fluid		8.33	
Spacer type	BARITE BBL.	15	10.00
Spacer type	BBL.		
Acid Type	Gal.	%	
Acid Type	Gal.	%	
Surfactant	Gal.	ln	
NE Agent	Gal.	ln	
Fluid Loss	Gal/Lb	ln	
Gelling Agent	Gal/Lb	ln	
Fric. Red.	Gal/Lb	ln	
MISC.	Gal/Lb	ln	

Perfpac Balls \_\_\_\_\_ Qty. \_\_\_\_\_

Other \_\_\_\_\_

Other \_\_\_\_\_

Other \_\_\_\_\_

Other \_\_\_\_\_

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
5/7	7.5	5/7	1.8	Intermediate
Total	7.5	Total	1.8	

Pressures	
MAX 5,000 PSI	AVG. 775
Average Rates in BPM	
MAX 8 BPM	AVG 5
Cement Left in Pipe	
Feet 91	Reason SHOE JOINT

Cement Data						
Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	275	50/60 POZ PREMIUM	4% Gel - 0.4% FL-17 - 0.2% C-51 - 0.1% C-20 - 0.1% C-37 - 0.5% C-41P	6.77	1.44	13.60
2	100	Premium	0.4% FL-17 - 0.1% C-51 - 0.1% C-20 - 0.4% C-41P	6.20	1.18	16.60
3	0	0		0	0.00	0.00

Summary					
Preflush Breakdown	Type: _____	MAXIMUM 5,000 PSI	Preflush: BBI 15.00	Type: 10ppg Barite Spacer	
	Lost Returns-N	NO/FULL	Load & Bkdn: Gal - BBI	Pad:Bbl -Gal	N/A
	Actual TOC	2,739	Excess /Return BBI	Calc. Disp Bbl	200
Average isip 5 Min.	Bump Plug PSI:	2,400	Calc. TOC:	Actual Disp.	201.00
	10 Min	15 Min	Final Circ. PSI:	Disp:Bbl	
			Cement Slurry: BBI		
			Total Volume BBI		308.00

CUSTOMER REPRESENTATIVE \_\_\_\_\_ SIGNATURE \_\_\_\_\_





Standard Wellpath Report  
Sandridge  
Sec 7 - 34S - 6W, Kansas  
Harper County  
Wellbore: Turner 3406 5-7H (Actual)

**Wellbore**

Name	Created	Last Revised
Turner 3406 5-7H (Actual)	9-Apr-2013	13-May-2013

**Well**

Name	Government ID	Last Revised
Turner 3406 5-7H		9-Apr-2013

**Slot**

Name	Grid Northing	Grid Easting	Latitude	Longitude	North	East
Turner 3406 5-7H	156358.0000	2143336.0000	N37 5 42.1544	W98 0 30.9384	217.99N	1982.93W

**Installation**

Name	Easting	Northing	Coord System Name	North Alignment
Harper County	2145319.0000	156140.0001	KS-S on NORTH AMERICAN DATUM 1927 datum	Grid

**Field**

Name	Easting	Northing	Coord System Name	North Alignment
Sec 7 - 34S - 6W	2145319.0000	156140.0001	KS-S on NORTH AMERICAN DATUM 1927 datum	Grid

Created By

Comments
FINAL Surveys MD 8973 is a projection to bit @ TD



Standard Wellpath Report  
 Sandridge  
 Sec 7 - 34S - 6W, Kansas  
 Harper County  
 Wellbore: Turner 3406 5-7H (Actual)

Wellpath (Grid) Report

MD[ft]	Inc[deg]	Azi[deg]	TVD[ft]	North[ft]	East[ft]	Dogleg [deg/100ft]	Vertical Section[ft]	Easting	Northing
0.00	0.00	0.000	0.00	0.00N	0.00E		0.00	2143336.00	156358.00
250.00	1.06	0.170	249.99	2.31N	0.01E	0.42	2.31	2143336.01	156360.31
500.00	0.69	0.440	499.96	6.13N	0.03E	0.15	6.13	2143336.03	156364.13
871.00	3.90	107.000	870.68	4.67N	12.11E	1.12	4.52	2143348.11	156362.67
1147.00	4.00	110.600	1146.02	1.46S	30.10E	0.10	-1.84	2143366.10	156356.54
1239.00	2.80	101.300	1237.86	3.03S	35.31E	1.43	-3.48	2143371.31	156354.97
1330.00	1.40	110.900	1328.79	3.86S	38.53E	1.58	-4.35	2143374.53	156354.14
1422.00	0.90	117.100	1420.78	4.59S	40.22E	0.56	-5.10	2143376.22	156353.41
1517.00	0.40	327.800	1515.77	4.65S	40.71E	1.33	-5.17	2143376.71	156353.35
1897.00	0.70	121.700	1895.76	4.74S	41.97E	0.28	-5.28	2143377.98	156353.25
2372.00	0.30	231.900	2370.75	7.04S	43.46E	0.18	-7.59	2143379.47	156350.96
2847.00	1.00	245.600	2845.72	9.52S	38.71E	0.15	-10.01	2143374.71	156348.48
3322.00	0.80	262.000	3320.66	11.69S	31.65E	0.07	-12.09	2143367.65	156346.31
3797.00	2.70	260.900	3795.42	13.92S	17.32E	0.40	-14.14	2143353.32	156344.08
3892.00	4.00	348.800	3890.30	11.02S	14.47E	4.99	-11.21	2143350.47	156346.98
3923.00	6.00	356.600	3921.18	8.35S	14.16E	6.80	-8.53	2143350.16	156349.65
3955.00	7.80	1.900	3952.95	4.50S	14.13E	5.96	-4.69	2143350.13	156353.49
3987.00	9.90	4.200	3984.57	0.41N	14.41E	6.65	0.22	2143350.41	156358.41
4018.00	12.90	4.200	4014.95	6.52N	14.86E	9.68	6.33	2143350.86	156364.52
4050.00	16.10	359.700	4045.93	14.52N	15.09E	10.59	14.33	2143351.09	156372.52
4082.00	19.40	358.400	4076.40	24.27N	14.92E	10.39	24.08	2143350.92	156382.27
4113.00	22.60	358.000	4105.34	35.38N	14.57E	10.33	35.19	2143350.57	156393.38
4145.00	24.70	357.800	4134.65	48.20N	14.10E	6.57	48.02	2143350.10	156406.20
4177.00	26.80	356.200	4163.47	62.08N	13.36E	6.91	61.91	2143349.36	156420.09
4208.00	29.30	354.600	4190.83	76.61N	12.19E	8.42	76.45	2143348.19	156434.61
4240.00	30.80	352.000	4218.53	92.52N	10.31E	6.21	92.38	2143346.31	156450.52
4272.00	32.30	351.700	4245.80	109.10N	7.93E	4.71	108.98	2143343.94	156467.10
4303.00	34.70	352.700	4271.65	126.05N	5.62E	7.94	125.96	2143341.62	156484.05
4335.00	38.40	354.200	4297.35	144.98N	3.46E	11.89	144.92	2143339.46	156502.98
4367.00	42.10	355.400	4321.77	165.56N	1.59E	11.81	165.53	2143337.59	156523.57
4398.00	45.10	356.100	4344.22	186.88N	0.01E	9.80	186.86	2143336.01	156544.89
4430.00	47.50	356.400	4366.32	209.96N	1.50W	7.53	209.97	2143334.50	156567.97
4461.00	49.40	356.000	4386.88	233.11N	3.04W	6.20	233.13	2143332.96	156591.12
4493.00	51.40	356.500	4407.28	257.71N	4.65W	6.36	257.75	2143331.35	156615.72
4525.00	53.20	356.900	4426.85	282.99N	6.11W	5.71	283.04	2143329.89	156641.00
4556.00	53.00	357.300	4445.46	307.75N	7.36W	1.22	307.82	2143328.64	156665.76
4588.00	54.30	357.800	4464.43	333.50N	8.46W	4.25	333.58	2143327.54	156691.51
4620.00	56.60	359.000	4482.57	359.84N	9.20W	7.82	359.93	2143326.80	156717.85
4651.00	58.80	359.900	4499.14	386.04N	9.44W	7.51	386.13	2143326.56	156744.05
4683.00	60.90	1.600	4515.21	413.71N	9.08W	8.01	413.79	2143326.92	156771.72
4715.00	62.60	3.400	4530.36	441.86N	7.84W	7.26	441.93	2143328.15	156799.88
4746.00	64.70	3.100	4544.12	469.60N	6.27W	6.83	469.64	2143329.73	156827.61
4778.00	67.40	1.500	4557.11	498.81N	5.10W	9.60	498.84	2143330.90	156856.83
4810.00	70.30	359.300	4568.65	528.65N	4.90W	11.10	528.67	2143331.10	156886.67
4841.00	72.80	359.200	4578.46	558.05N	5.28W	8.07	558.08	2143330.72	156916.07
4873.00	75.30	359.700	4587.26	588.82N	5.58W	7.96	588.84	2143330.42	156946.84
4905.00	76.80	359.300	4594.97	619.87N	5.85W	4.84	619.90	2143330.15	156977.89
4936.00	77.30	0.200	4601.92	650.08N	5.98W	3.26	650.11	2143330.02	157008.11
4968.00	80.20	0.700	4608.16	681.46N	5.73W	9.19	681.48	2143330.27	157039.49
5000.00	84.00	0.200	4612.56	713.15N	5.49W	11.98	713.17	2143330.51	157071.18
5031.00	84.90	359.900	4615.55	744.01N	5.46W	3.06	744.02	2143330.54	157102.03
5063.00	84.70	0.300	4618.45	775.88N	5.40W	1.39	775.88	2143330.60	157133.90
5095.00	85.60	359.800	4621.16	807.76N	5.38W	3.21	807.76	2143330.62	157165.79
5126.00	87.40	359.700	4623.05	838.70N	5.51W	5.82	838.70	2143330.49	157196.73
5221.00	90.30	1.000	4624.96	933.67N	4.93W	3.35	933.65	2143331.07	157291.70
5287.00	90.70	0.200	4624.38	999.66N	4.24W	1.36	999.63	2143331.76	157357.70
5370.00	92.40	359.600	4622.14	1082.63N	4.38W	2.17	1082.59	2143331.62	157440.67
5400.00	92.60	0.300	4620.83	1112.60N	4.41W	2.42	1112.56	2143331.59	157470.64
5431.00	90.90	359.100	4619.88	1143.58N	4.57W	6.71	1143.55	2143331.43	157501.62
5462.00	89.60	359.800	4619.75	1174.58N	4.87W	4.76	1174.55	2143331.17	157532.62
5523.00	89.20	359.400	4620.39	1235.57N	5.30W	0.93	1235.54	2143330.70	157593.62
5615.00	89.10	359.000	4621.75	1327.56N	6.58W	0.45	1327.53	2143329.42	157685.60
5707.00	88.30	359.000	4623.84	1419.52N	8.19W	0.87	1419.51	2143327.81	157777.57
5799.00	90.00	358.200	4625.20	1511.48N	10.43W	2.04	1511.48	2143325.57	157869.53
5890.00	90.90	357.500	4624.49	1602.41N	13.85W	1.25	1602.45	2143322.15	157960.46
5982.00	90.30	357.900	4623.53	1694.33N	17.54W	0.78	1694.41	2143318.46	158052.39
6077.00	90.20	358.600	4623.11	1789.28N	20.44W	0.74	1789.40	2143315.56	158147.35
6172.00	91.70	358.200	4621.54	1884.23N	23.09W	1.63	1884.37	2143312.91	158242.30
6267.00	91.90	357.800	4618.55	1979.12N	26.41W	0.47	1979.30	2143309.59	158337.19
6362.00	91.60	357.600	4615.65	2074.00N	30.22W	0.38	2074.22	2143305.78	158432.08

All data is in Feet unless otherwise stated  
 Coordinates are from Slot MD's are from Slot and TVD's are from Slot ( Turner 3406 5-7H 0.00ft above Mean Sea Level )  
 Vertical Section is from 0.00N 0.00E on azimuth 359.270 degrees  
 Bottom hole distance is 4683.55 Feet on azimuth 359.24 degrees from Wellhead  
 Calculation method uses Minimum Curvature method  
 Prepared by  
 Date Printed: 13-May-2013



Standard Wellpath Report  
 Sandridge  
 Sec 7 - 34S - 6W, Kansas  
 Harper County  
 Wellbore: Turner 3406 5-7H (Actual)

Wellpath (Grid) Report

MD[ft]	Inc[deg]	Azi[deg]	TVD[ft]	North[ft]	East[ft]	Dogleg [deg/100ft]	Vertical Section[ft]	Easting	Northing
6457.00	92.50	357.500	4612.25	2168.85N	34.27W	0.95	2169.11	2143301.72	158526.93
6552.00	92.50	359.000	4608.11	2263.72N	37.17W	1.58	2264.01	2143298.83	158621.80
6647.00	90.30	359.300	4605.79	2358.67N	38.58W	2.34	2358.97	2143297.42	158716.76
6742.00	87.50	359.500	4607.61	2453.64N	39.58W	2.95	2453.94	2143296.42	158811.73
6837.00	86.20	359.600	4612.83	2548.49N	40.32W	1.37	2548.80	2143295.68	158906.58
6932.00	86.70	359.400	4618.71	2643.30N	41.15W	0.57	2643.61	2143294.85	159001.40
7027.00	89.30	359.900	4622.03	2738.24N	41.73W	2.79	2738.55	2143294.27	159096.34
7122.00	90.00	359.800	4622.61	2833.23N	41.98W	0.74	2833.54	2143294.02	159191.34
7217.00	91.80	359.800	4621.12	2928.22N	42.31W	1.89	2928.52	2143293.69	159286.32
7312.00	92.60	360.000	4617.47	3023.15N	42.47W	0.87	3023.44	2143293.52	159381.26
7407.00	93.00	359.300	4612.83	3118.03N	43.05W	0.85	3118.33	2143292.94	159476.14
7502.00	91.00	0.300	4609.51	3212.97N	43.38W	2.35	3213.26	2143292.61	159571.08
7597.00	89.00	0.400	4609.51	3307.96N	42.80W	2.11	3308.24	2143293.19	159666.08
7692.00	89.80	1.300	4610.51	3402.94N	41.39W	1.27	3403.19	2143294.60	159761.07
7787.00	90.10	1.400	4610.59	3497.92N	39.16W	0.33	3498.13	2143296.84	159856.04
7882.00	89.90	1.000	4610.59	3592.89N	37.17W	0.47	3593.08	2143298.83	159951.02
7977.00	90.40	0.200	4610.34	3687.89N	36.17W	0.99	3688.05	2143299.83	160046.02
8071.00	90.90	359.800	4609.28	3781.88N	36.17W	0.68	3782.03	2143299.83	160140.02
8166.00	91.30	359.700	4607.45	3876.86N	36.59W	0.43	3877.01	2143299.41	160235.00
8261.00	90.30	359.400	4606.13	3971.85N	37.33W	1.10	3972.00	2143298.67	160329.99
8356.00	90.70	359.300	4605.30	4066.84N	38.41W	0.43	4067.00	2143297.59	160424.99
8451.00	90.30	358.800	4604.47	4161.82N	39.99W	0.67	4161.99	2143296.01	160519.97
8546.00	89.00	357.800	4605.05	4256.78N	42.80W	1.73	4256.97	2143293.19	160614.93
8641.00	89.30	357.500	4606.46	4351.68N	46.70W	0.45	4351.93	2143289.30	160709.84
8736.00	90.20	357.100	4606.87	4446.58N	51.17W	1.04	4446.87	2143284.82	160804.74
8831.00	91.70	357.100	4605.30	4541.44N	55.98W	1.58	4541.78	2143280.02	160899.60
8925.00	93.30	357.800	4601.20	4635.25N	60.16W	1.86	4635.64	2143275.84	160993.42
8973.00	93.30	357.800	4598.43	4683.14N	62.00W	==>	4683.55	2143274.00	161041.31

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 Vertical Section is from 0.00N 0.00E on azimuth 359.270 degrees  
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 Prepared by  
 Date Printed: 13-May-2013

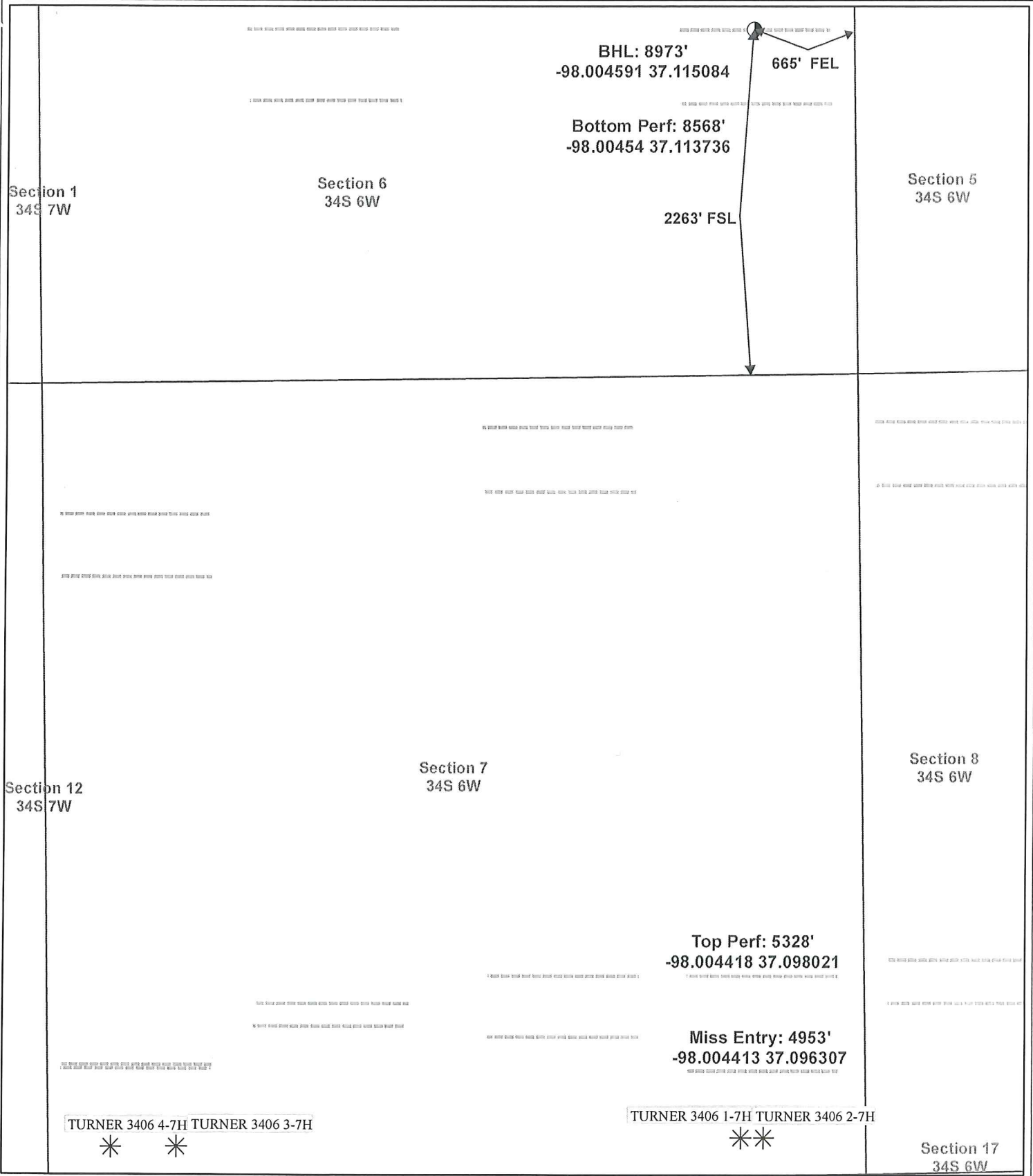


Standard Wellpath Report  
Sandridge  
Sec 7 - 34S - 6W, Kansas  
Harper County  
Wellbore: Turner 3406 5-7H (Actual)

**Comments**

MD[ft]	TVD[ft]	North[ft]	East[ft]	Comment
8973.00	4598.43	4683.14N	62.00W	Projection to bit @ TD

All data is in Feet unless otherwise stated  
Coordinates are from Slot MD's are from Slot and TVD's are from Slot ( Turner 3406 5-7H 0.00ft above Mean Sea Level )  
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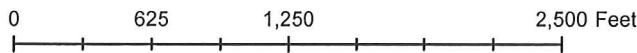


**Actual Bottom-Hole Location of Turner 3406 5-7H**  
 Harper County, Kansas  
 T&R: 34S 6W  
 Section: 6, 665' FEL & 2263' FSL  
 Long/Lat: -98.004591 37.115084

1 in = 833 ft



-  Actual BH Location
-  SandRidge Wells
-  Perf
-  Sections



Draftsman: Aaron Birk	Draft Date: 7/24/2013
Drawing Name/Number: Addendum_Turner 3406 5-7H.mxd	
Coordinate System: NAD 1927 State Plane Kansas South FIPS: 1502	



# Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	6/23/2013
Job End Date:	6/24/2013
State:	Kansas
County:	Harper
API Number:	15-077-21918-00-00
Operator Name:	SandRidge Energy
Well Name and Number:	Turner 3406 5-7H
Longitude:	-97.96592860
Latitude:	37.08045890
Datum:	NAD27
Federal/Tribal Well:	NO
True Vertical Depth:	4,598
Total Base Water Volume (gal):	1,715,700
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	Company 1	Carrier/Base Fluid	Water	7732-18-5	100.00000	94.04980	None
Sand (Proppant)	Company 2	Proppant	Silica Substrate	NA	100.00000	4.92669	None
Hydrochloric Acid (15%)	Company 2	Acidizing	Hydrochloric Acid	7647-01-0	15.00000	0.13206	None
			NONYL PHENOL, 4 MOL	104-40-5	10.00000	0.00485	None
			Methyl Alcohol	67-56-1	80.00000	0.00109	None
			thiourea-formaldehyde copolymer	68527-49-1	15.00000	0.00020	None
AIC	Archer	Liquid Acid Iron Control	Acetic Acid	64-19-7	50.00000	0.00243	None
			Citric Acid	77-92-9	30.00000	0.00146	None
Chlorine Dioxide	Sabre Energy Services	Oxidizer	Water	7732-18-5	99.90000	0.00109	
			Chlorine Dioxide	10069-04-4	0.40000	0.00109	
Chemflush	Archer	Enviro-Friendly Chemical Flush	Hydrotreated Petroleum Distillate	64742-47-8	99.00000	0.00178	None



Hydrochloric Acid Solutions	Sabre Energy Services	Acidizer	Alcohol Ethoxylate Surfactants	NA	10.00000	0.00018	None
Sabrechlor 25	Sabre Energy Services	Oxidizer	Hydrochloric Acid	7647-01-0	32.00000	0.00050	
			Component A	N/A	1.00000	0.00019	
			Sodium Chloride	7758-19-2	25.00000	0.00019	
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		0.04536	
			WATER	7732-18-5		0.02907	
			Anionic Polymer	N/A		0.02268	
			Aliphatic Hydrocarbon	64742-47-8		0.02268	
			TRADE SECRET	N/A		0.01938	
			Water	7732-18-5		0.00997	
			SOPROPANOL	67-63-0		0.00485	
			METHANOL	67-56-1		0.00485	
			Polyol Ester	N/A		0.00378	
			Oxyalkylated Alcohol	88002-97-1		0.00378	
			Water	7732-18-5		0.00170	
			Acrylic Polymer	28205-96-1		0.00166	
			Sodium Salt of Phosphate Ester	68131-72-6		0.00166	
			Polyglycol Ester	N/A		0.00076	
			Alcohol Ethoxylate Surfactants	N/A		0.00020	
			n-olefins	N/A		0.00011	
			Propargyl Alcohol	107-19-7		0.00008	
			Tetrasodium Ethylenediaminetetraacetate	64-02-8		0.00008	

\* 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)

## Summary of Changes

Lease Name and Number: Turner 3406 5-7H

API/Permit #: 15-077-21918-01-00

Doc ID: 1155345

Correction Number: 1

Approved By: NAOMI JAMES

Field Name	Previous Value	New Value
Approved Date	08/01/2013	08/16/2013
Completion Or Recompletion Date	7/29/2013	8/2/2013
Date of First or Resumed Production or SWD or Enhr Producing Method Pumping	No	8/4/2013 Yes
Purchaser's Name		Atals (gas) Plains (oil)
Save Link	../kcc/detail/operatorE ditDetail.cfm?docID=11 39209	../kcc/detail/operatorE ditDetail.cfm?docID=11 55345
Well Type	SLOW	OIL

## Summary of Attachments

Lease Name and Number: Turner 3406 5-7H

API: 15-077-21918-01-00

Doc ID: 1155345

Correction Number: 1

Attachment Name

Attachments



**CONFIDENTIAL**

**WELL COMPLETION FORM**

**Form Must Be Typed**  
**Form must be Signed**  
**All blanks must be Filled**

**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
- Conv. to GSW
- Plug Back: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_
- Commingled      Permit #: \_\_\_\_\_
- Dual Completion      Permit #: \_\_\_\_\_
- SWD      Permit #: \_\_\_\_\_
- ENHR      Permit #: \_\_\_\_\_
- GSW      Permit #: \_\_\_\_\_

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

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

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total 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**

- Letter of Confidentiality Received  
Date: \_\_\_\_\_
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_