



Confidentiality Requested:

Yes  No

**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
-----------------------------------	-----------------	---

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: \_\_\_\_\_



1109533

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](mailto: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
--	---

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

<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> <input type="checkbox"/> Other <i>(Specify)</i> _____ <i>(Submit ACO-4)</i>	<b>PRODUCTION INTERVAL:</b> _____ _____
--	---	---

Form	ACO1 - Well Completion
Operator	Shell Gulf of Mexico Inc.
Well Name	KOBLITZ 3409 33-1H
Doc ID	1109533

#### Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
1	5052 - 5365	203658 gals fluid; 76343# proppant	
2	5442 - 5772	182574 gals fluid; 90690# proppant	
3	5845 - 6182	178416 gals fluid; 78450# proppant	
4	6523 - 6587	174384 gals fluid; 72375# proppant	
5	6660 - 6992	195132 gals fluid; 74126# proppant	
6	7067 7395	202986 gals fluid; 66159# proppant	
7	7470 - 7807	194964 gals fluid; 72000# proppant	
8	7880 - 8192	200884 gals fluid; 74350# proppant	
9	8285 - 8562	190176 gals fluid; 76135# proppant	
10	8652 - 9012	264012 gals fluid; 64734 proppant	

Form	ACO1 - Well Completion
Operator	Shell Gulf of Mexico Inc.
Well Name	KOBLITZ 3409 33-1H
Doc ID	1109533

### 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	26	18	47.76	60	1/2 Portland Cmt	42	15% Fly Ash
Surface	12.25	9.625	36	511	Class C	325	2%CACL2
Intermediate	8.75	7	23	5091	Class C	560	See attached
Liner	6.125	4.5	11.6	9227	Class H	400	See attached

**SHELL GULF OF MEXICO, INC. (34574)**

**Koblitz 3409-33**

<p><b>PETE MARTIN DRILLING (34645)</b> <b>(SET THE CONDUCTOR)</b></p>	<p>1-H Conductor</p>	<p>1-H Mouse Hole</p>
<p>Call in DATE OF SPUD</p>	<p>8/8/2012</p>	
<p>spud in date</p>	<p>8/9/2012</p>	<p>8/12/2012</p>
<p>T.D date</p>	<p>8/9/2012</p>	<p>8/13/2013</p>
<p>Size Hole Drilled</p>	<p>26"</p>	<p>20"</p>
<p>Size Casing Set (in O.D )</p>	<p>18"</p>	<p>14"</p>
<p>conductor wall thickness</p>	<p>250</p>	<p>188</p>
<p>Weight Lbs./Ft.</p>	<p>47.76</p>	<p>27.76</p>
<p>Setting Depth</p>	<p>60'</p>	<p>77"</p>
<p>Type of Cement</p>	<p>Type 1/2 portland cement</p>	<p>Type 1/2 portland cement</p>
<p>Cubic yards of cement</p>	<p>7cy</p>	<p>7cy</p>
<p>2500 PSI Grout Mix</p>	<p>yes</p>	<p>yes</p>
<p>Type and Percent of Additives</p>	<p>15% fly ash</p>	<p>15% fly ash</p>
<p>Comments</p>	<p>0-6' dirt 6'-15' sand 15'-23' clay 23'-26' sand 26'-60' clay water@6'</p>	<p>0-6' dirt 6'-15' sand 15''-23' clay 23'-26' sand 26'-77' clay water@6'</p>

# CEMENT JOB REPORT



CUSTOMER SHELL WESTERN E & P INC	DATE 03-DEC-12	F.R. # 1001950694	SERV. SUPV. Justin D Stamper
LEASE & WELL NAME KOBBLITZ 3409 #33-1H - API 15077218620000	LOCATION 33-34S-9W		COUNTY-PARISH-BLOCK Harper Kansas
DISTRICT McAlester	DRILLING CONTRACTOR RIG # Nabors 102		TYPE OF JOB Surface

SIZE & TYPE OF PLUGS	LIST-CSG-HARDWARE	MECHANICAL BARRIERS	MD	TVD	HANGER TYPES	MD	TVD
9-5/8" Top Cem Plug, Nitrile cvr, Phc	Shoe PROVIDED BY CUSTOMER						

MATERIALS FURNISHED BY BJ	LAB REPORT NO.	PHYSICAL SLURRY PROPERTIES						
		SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER
WATER			8.34				20	
CLASS C+2%CACL2		325	14.8	1.35	6.34	02:45	77.93	49.04
Water			8.34				35	
Available Mix Water <u>500</u> Bbl.		Available Displ. Fluid <u>500</u> Bbl.		TOTAL			132.93	49.04

HOLE			TBG-CSG-D.P.						COLLAR DEPTHS			
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE
12.25		511	8.921	9.625	36	CSG	511	511	J-55	511	467	

LAST CASING				PKR-CMT RET-BR PL-LINER				PERF. DEPTH		TOP CONN		WELL FLUID	
ID	OD	WGT	TYPE	MD	TVD	BRAND & TYPE	DEPTH	TOP	BTM	SIZE	THREAD	TYPE	WGT.
18	18	47		60	60					9.625	8RD	WATER BASED ML	8.4

DISPL. VOLUME		DISPL. FLUID		CAL. PSI	CAL. MAX PSI	OP. MAX	MAX TBG PSI		MAX CSG PSI		MIX WATER
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED	Operator	RATED	Operator	RIG
35.6	BBLs	Water	8.34	150					3160	1500	RIG

**EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: ARRIVE ON LOCATION, RIG UP, SAFETY MEETING**

PRESSURE/RATE DETAIL						EXPLANATION	
TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>	
	PIPE	ANNULUS				TEST LINES	3200 PSI
15:00						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
21:30						ARRIVE ON LOCATION	
22:14	3400				WATER	SAFETY MEETING	
22:20	120		4	20	WATER	TEST LINES, START WATER SPACER	
22:37	300		4	71	SLURRY	FINISH WATER, START SLURRY	
22:50	150		3	35	WATER	FINISH SLURRY, SHUT DOWN, DROP PLUG AND DISPLACE	
22:52	0					BUMP PLUG, PRESSURE TO 700 PSI	
						BLEED OFF RECEIVED .25 BBLs BACK TO TRUCK	
						FLOATS HOLDING	
						THANK YOU FOR USING BHI	
						JUSTIN STAMPER AND CREW	

BUMPED PLUG	PSI TO BUMP PLUG	TEST FLOAT EQUIP.	BBL.CMT RETURNS/ REVERSED	TOTAL BBL. PUMPED	PSI LEFT ON CSG	SPOT TOP OUT CEMENT	SERVICE SUPERVISOR SIGNATURE:
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	3200	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	45	133	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	

# CEMENT JOB REPORT

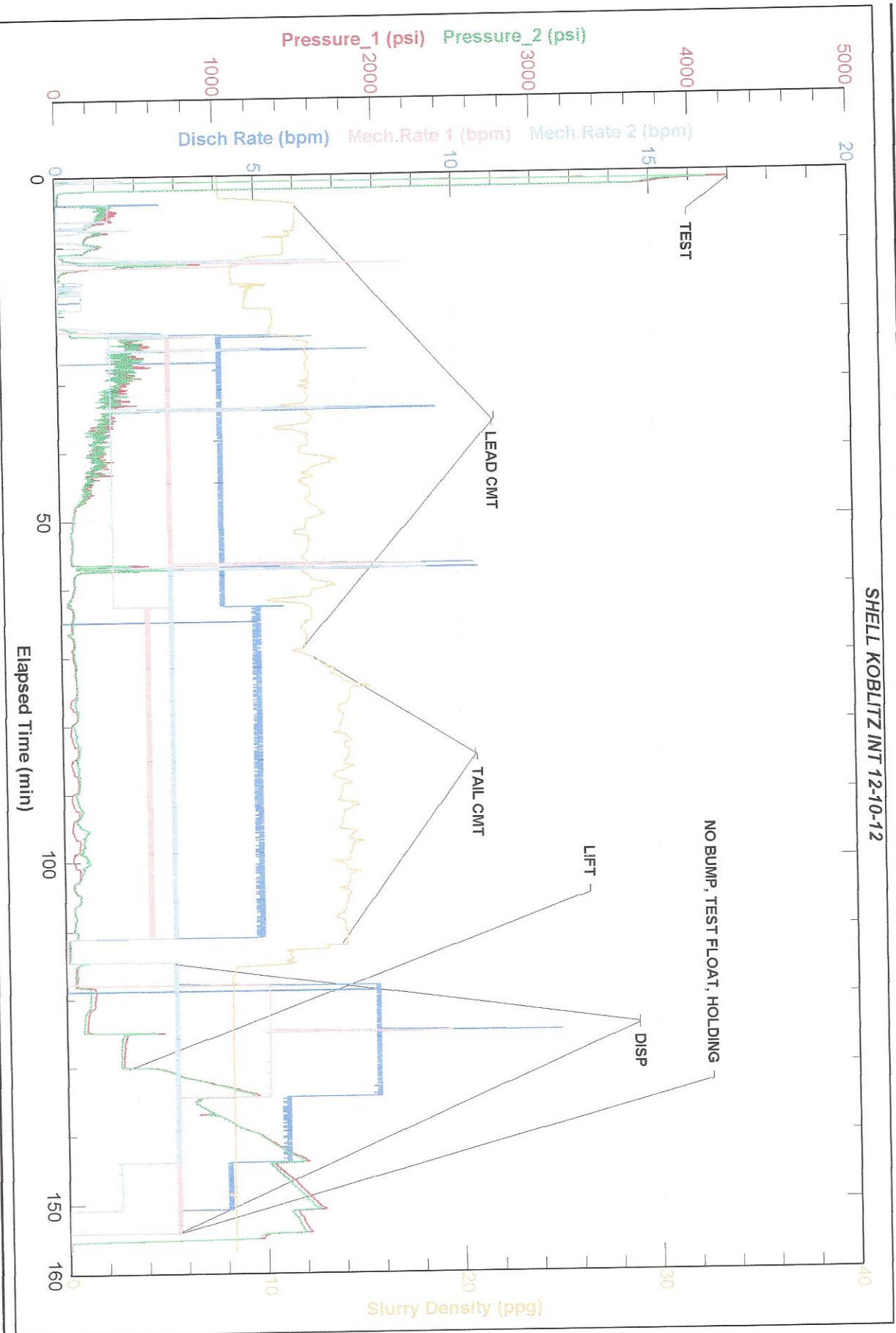


CUSTOMER SHELL WESTERN E & P INC		DATE 11-DEC-12	F.R. # 1001951617	SERV. SUPV. James Kirkpatrick									
LEASE & WELL NAME KOBLOITZ 3409 #33-1H - API 15077218620000		LOCATION 33-34S-9W		COUNTY-PARISH-BLOCK Harper Kansas									
DISTRICT McAlester		DRILLING CONTRACTOR RIG # Nabors 102		TYPE OF JOB Intermediate									
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		MECHANICAL BARRIERS		MD	TVD	HANGER TYPES		MD	TVD		
7" Top Cem Plug, Nitrile cvr, Phen		No Shoe, Cust Sup											
MATERIALS FURNISHED BY BJ				PHYSICAL SLURRY PROPERTIES									
				SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER			
C50:50:2 + Additives				290	14.2	1.32	5.66		68	39.05			
Displacement					8.34				199				
SealBond Spacer 25 (w/ 45lb bag)					8.45				40				
C15:85:8 + Additives				270	12.4	2.45	13.51		118	87.12			
Available Mix Water		250	Bbl.	Available Displ. Fluid		250	Bbl.	TOTAL		425	126.16		
HOLE				TBG-CSG-D.P.				COLLAR DEPTHS					
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE	
8.75		5100	6.366	7	23	CSG	5091	5091	N-80	5091	5040		
LAST CASING				PKR-CMT RET-BR PL-LINER			PERF. DEPTH		TOP CONN		WELL FLUID		
ID	OD	WGT	TYPE	MD	TVD	BRAND & TYPE	DEPTH	TOP	BTM	SIZE	THREAD	TYPE	WGT.
8.9	9.625	36		500	500			4600	4600	7	8RD	WATER BASED MU	9.4
DISPL. VOLUME		DISPL. FLUID		CAL. PSI	CAL. MAX PSI	OP. MAX	MAX TBG PSI		MAX CSG PSI		MIX WATER		
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED	Operator	RATED	Operator	RIG		
199	BBLs	Displacement	8.34	1300					5072	1605			
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: WAIT ON ELECTRICIAN TO FIX RIG BEFORE ABLE TO RUN CASING...													
PRESSURE/RATE DETAIL						EXPLANATION							
TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>							
	PIPE	ANNULUS				TEST LINES 3500 PSI							
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>							
01:35	3790				H2O	TEST, PUMP AND LINES, START LEAD CMT @ 12.4 #							
02:45	100		4.5	118	LEAD CMT	PUMP LEAD CMT, START TAIL CMT @ 14.2 #							
03:30	175		4.5	68	TAIL CMT	PUMP TAIL CMT, DROP PLUG, START H2O DISPLACEMENT							
04:10	1500		4.5	199	H2O DISP	PUMP DISP, NO BUMP, TEST FLOAT, HOLDING							
						CAUGHT CMT @ 80 BBL INTO DISPLACEMENT							
						@ 100 BBL CMT RETURNS TO SURFACE							
						THANK YOU FOR USING BHI, JIM AND CREW							
BUMPED PLUG	PSI TO BUMP PLUG	TEST FLOAT EQUIP.	BBL.CMT RETURNS/ REVERSED	TOTAL BBL. PUMPED	PSI LEFT ON CSG	SPOT TOP OUT CEMENT	SERVICE SUPERVISOR SIGNATURE:						
Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	1300	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	100	385	0	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>							



Baker Hughes JobMaster Program Version 3.60  
Job Number: 1007951617  
Customer: SHELL  
Well Name: KOBBLITZ 33-1H

SHELL KOBBLITZ INT 12-10-12





# CEMENT JOB REPORT



CUSTOMER SHELL WESTERN E & P INC		DATE 19-DEC-12	F.R. # 1001953607	SERV. SUPV. Jonathan M Schulz									
LEASE & WELL NAME KOBLOITZ 3409 #33-1H - API 15077218620000		LOCATION 33-34S-9W		COUNTY-PARISH-BLOCK Harper Kansas									
DISTRICT McAlester		DRILLING CONTRACTOR RIG # Nabors 102		TYPE OF JOB Liner									
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		MECHANICAL BARRIERS		MD	TVD	HANGER TYPES		MD	TVD		
		Provided by Customer											
MATERIALS FURNISHED BY BJ				LAB REPORT NO.				PHYSICAL SLURRY PROPERTIES					
								SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY
SealBond Spacer								8.5				40	
H50:50 + 3%Salt + .6%SMS+ .5%FL-52 +.05%R-3 +.5%				400				14.3	1.24	5.54	03:55	79	47.01
Displacement								8.34				127	
Available Mix Water _____ Bbl.				Available Displ. Fluid _____ Bbl.				TOTAL				246	47.01
HOLE			TBG-CSG-D.P.						COLLAR DEPTHS				
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE	
6.125		9227	4	4.5	11.6	LNR	9227	4730	P-110				
LAST CASING			PKR-CMT RET-BR PL-LINER			PERF. DEPTH		TOP CONN		WELL FLUID			
ID	OD	WGT	TYPE	MD	TVD	BRAND & TYPE	DEPTH	TOP	BTM	SIZE	THREAD	TYPE	WGT.
6.4	7	23	CSG	5090	5090					2	1502	WATER BASED MU	9.5
DISPL. VOLUME		DISPL. FLUID		CAL. PSI	CAL. MAX PSI	OP. MAX	MAX TBG PSI		MAX CSG PSI		MIX WATER		
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED	Operator	RATED	Operator			
127	BBLS	Displacement	8.34	1600					8600	4500	rig tank		
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: Arrive on location @ 930 on 12/18, Rigging up Casing crew, Running ing,Running drill pipe, Wait on Baker Oil Tools liner head,													
PRESSURE/RATE DETAIL						EXPLANATION							
TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>							
	PIPE	ANNULUS				TEST LINES 6303 PSI							
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>							
09:30						Arrive on location 12/18							
06:40				40	SPACER	rig pumps sealbond spacer							
07:05	6303				WATER	test pumps & lines							
07:21	104		3		SLURRY	open well/start slurry @ 14.3ppg							
07:40	257		4	79	SLURRY	end slurry/ shutdown							
07:46					WATER	wash pumjps & lines							
07:54	99		3		WATER	drop TRP/start displacement							
08:01	413		5	41	WATER	bbbs pumped when caught cement							
08:06	1527		4	55	WATER	bbbs of displacement pumped when lactch plug							
08:19	2007		4	127	WATER	bump plug/ end displacement							
08:22	0			-1		check floats/ holding/ bbbs back							
08:26	4507					pressure up to set packer							
08:42	4300					pressure up backside to test							
08:55						turn over to rig							
BUMPED PLUG	PSI TO BUMP PLUG	TEST FLOAT EQUIP.	BBL.CMT RETURNS/ REVERSED	TOTAL BBL. PUMPED	PSI LEFT ON CSG	SPOT TOP OUT CEMENT	SERVICE SUPERVISOR SIGNATURE:						
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	2017	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	0	246	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N							



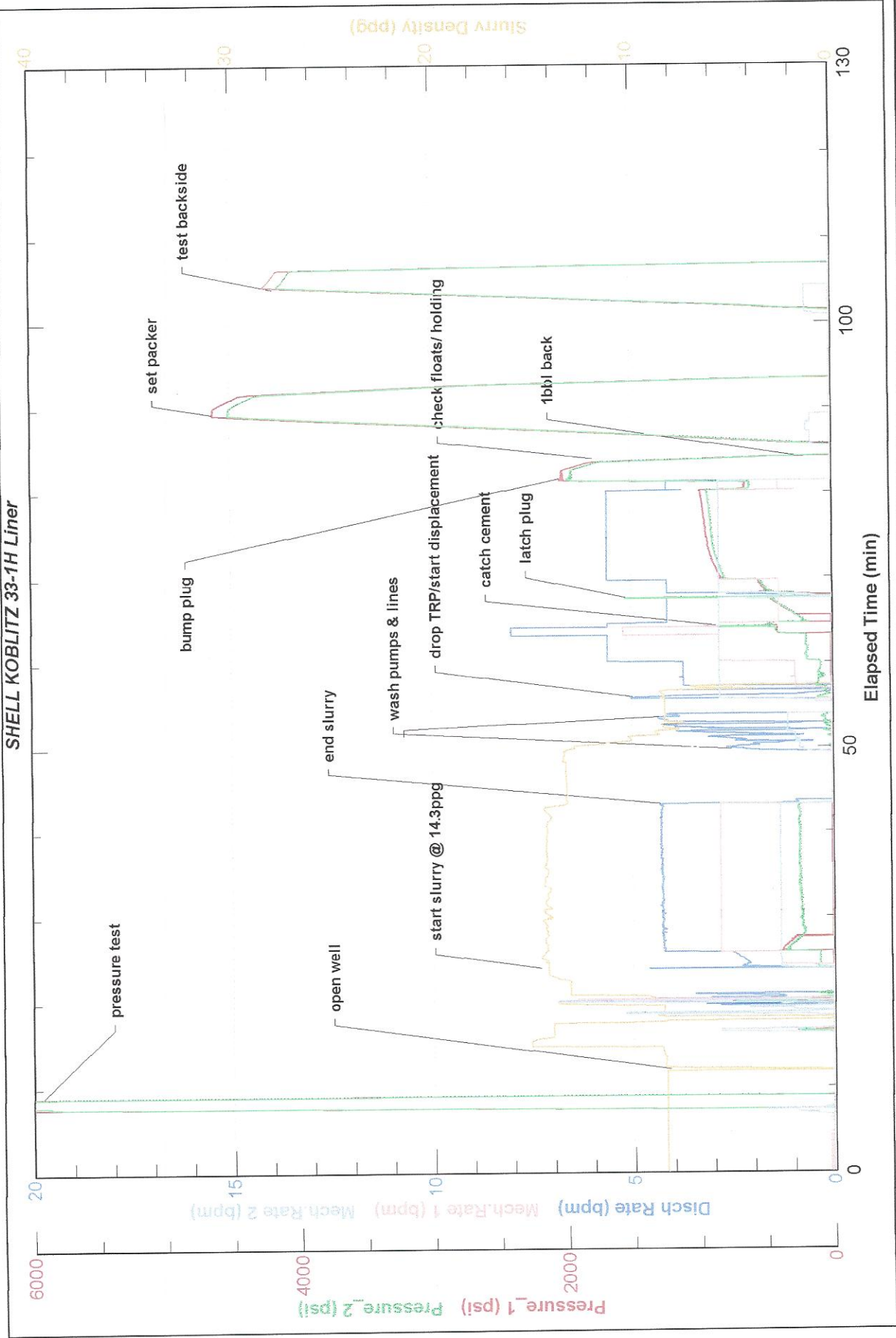
**Baker Hughes JobMaster Program Version 3.60**

Job Number: 1001953607

Customer: SHELL

Well Name: KOBLITZ 33-1H

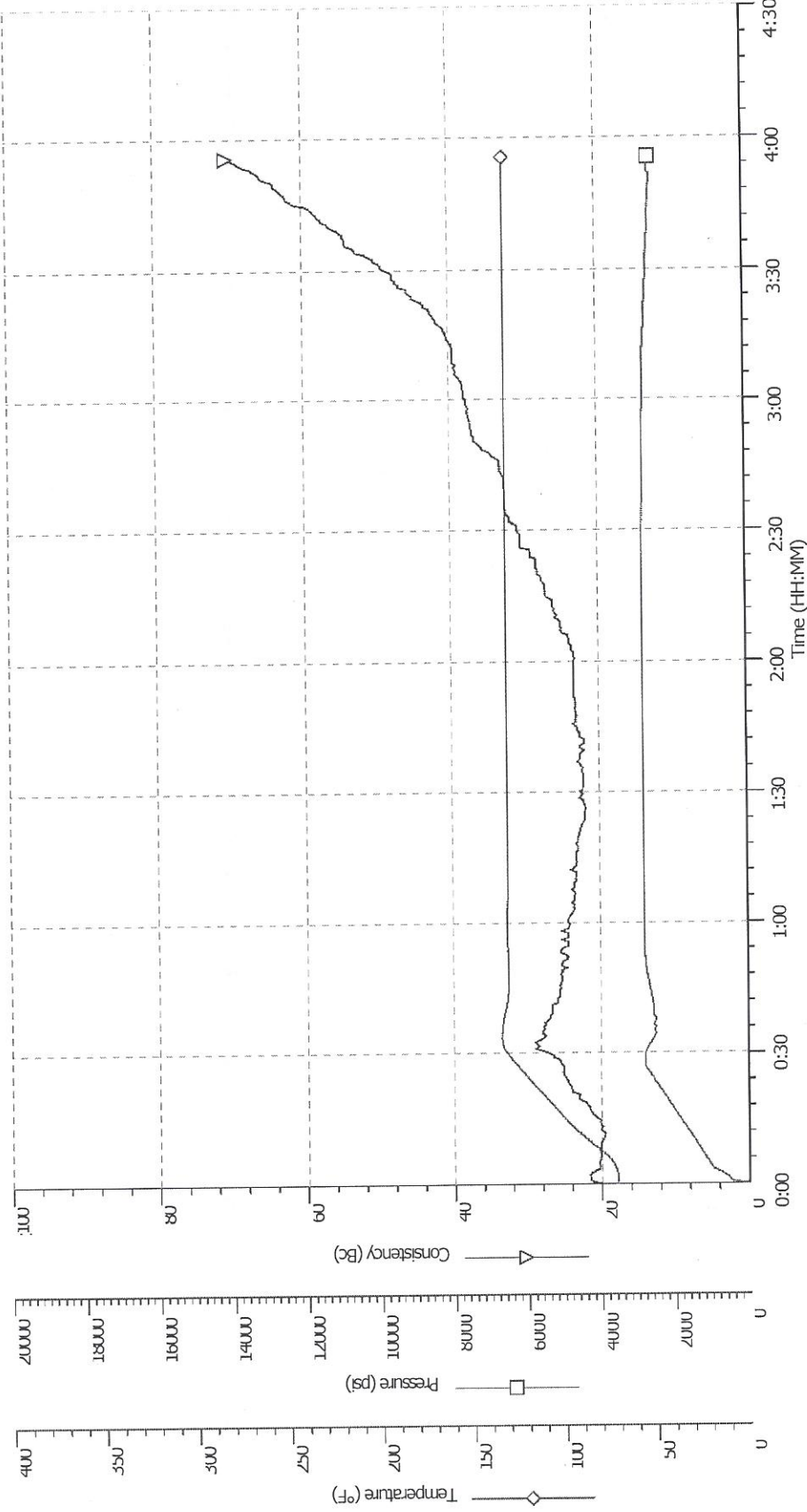
**SHELL KOBLITZ 33-1H Liner**



Test Stop: 12/15/2012 7:35:19 PM  
70Bc: 3:55:30

Test Start: 12/15/2012 3:40:45 PM

Instrument: 550-2  
Customer: Shell Western E&P  
Well Id: Koblitz 33-1H



50:50:0 H + 3%Salt+.5%FI-62+.5%FI52A+ .60% SMS +.05%R-3 @ 14.3 ppg

**BAKER HUGHES**  
11041 Nw 10th  
Yukon, OK 73099  
Ph: 405-354-8861



# YUKON DISTRICT Cement Lab Report

Phone: (405) 354-8861 Fax: (405) 350-2727

Test Number: 125102678  
Report Number:

Test Date: 12/15/2012

## WELL INFORMATION

Operator: Shell Western E&P  
API #:  
Well Name: Koblitz 33-1H  
Slurry Type: Single  
Blend Type: Field  
Comments:

County: Harper  
State: KS  
Requested By:  
TVD: 4730 MD: 8813  
District: Yukon

## TEST DATA AND SCHEDULE

Time To Temp (min): 27.92  
Initial Press (psi): 390  
Final Press (psi): 2600  
BHST (deg F): 134  
BHCT (deg F): 134  
Comments:

Mud Density (lb/gal): 9  
Mix Water Density (lb/gal): 8.34  
Mix Water Type: Source Water  
Surf Temp (deg F): 80  
Job Type: Liner

## SLURRY AND TEST RESULTS

Vendor: Buzzi

Slurry: 50:50:0 Class H + 3.00% Salt (1.387 lb/sk) + 0.50% FL-52 + 0.50% FL-62 + 0.60% SMS + 0.05% R-3

Density: 14.3 lb/gal  
Yield: 1.243 CuFt/sk  
Mix Water: 5.545 gal/sk (55.05%)  
Total Mix Liquid: 5.545 gal/sk  
Fluid Loss: cc/30 min

Pump Time (50 Bc):  
Pump Time (70 Bc): 3:55  
Pump Time (100 Bc):

Free Water (ml): (Tested at 90 Degrees)

Compressive Strength      Rheology (PL=Power Law, BP= Bingam Plastic)

Temp	Time	Strength	Type	Temp	600	300	200	100	6	3	n'	k'	Yp	Pv	Best
------	------	----------	------	------	-----	-----	-----	-----	---	---	----	----	----	----	------

Comments:

# Shell Exploration & Production Co. Inc.

Harper Co. KS (NAD-27)

Sec 33-T34S-R09W

Koblitz 3409 33-1H

9858073

Wellbore #1

Design: Wellbore #1

## Sperry Drilling Services

# Combo Report With Grid North & True North

02 January, 2013

Surface UWI : 9858073

TD Date : 9th Dec, 2012

Well Coordinates: 134,909.04 N, 2,056,359.97 E (37° 02' 13.24" N, 098° 18' 24.94" W)

Ground Level: 1,248.00 ft

Local Coordinate Origin:

Viewing Datum:

TVDs to System:

North Reference:

Unit System:

Centered on Well Koblitz 3409 33-1H

WELL @ 1279.70ft (Nabors 102 (31.7'))

N

Grid

API US New

Version: 2003.21 Build: 46

**HALLIBURTON**



**Design Report for Koblitz 3409 33-1H - Wellbore #1**

Measured Depth (ft)	Inclination (°)	Grid Azimuth (°)	True Azimuth (°)	TVD below System (ft)	Vertical Depth (ft)	Local Coordinates (ft)		Map Coordinates (ft)		Dogleg Rate (°/100ft)	Vertical Section (ft)	Comments
						Northing	Easting	Northing	Easting			
4,646.00	46.12	354.56	354.68	3,324.31	4,604.01	170.62 N	117.20 E	135,079.65	2,056,477.17	13.19	170.87	
4,677.00	48.47	353.60	353.72	3,345.33	4,625.03	193.27 N	114.84 E	135,102.31	2,056,474.81	7.91	193.53	
4,709.00	50.80	351.37	351.49	3,366.06	4,645.76	217.44 N	111.65 E	135,126.48	2,056,471.62	9.01	217.69	
4,740.00	52.81	349.50	349.62	3,385.22	4,664.92	241.46 N	107.59 E	135,150.50	2,056,467.56	8.03	241.70	
4,772.00	56.58	349.14	349.26	3,403.71	4,683.41	267.12 N	102.75 E	135,176.16	2,056,462.72	11.82	267.34	
4,803.00	60.44	347.48	347.60	3,419.91	4,699.61	293.00 N	97.39 E	135,202.03	2,056,457.36	13.26	293.21	
4,835.00	65.25	345.96	346.08	3,434.51	4,714.21	320.70 N	90.84 E	135,229.73	2,056,450.81	15.61	320.90	
4,866.00	71.35	345.62	345.74	3,445.96	4,725.66	348.61 N	83.78 E	135,257.64	2,056,443.75	19.70	348.79	
4,898.00	76.94	345.65	345.77	3,454.70	4,734.40	378.41 N	76.14 E	135,287.45	2,056,436.11	17.47	378.58	
4,930.00	81.58	347.88	348.00	3,460.66	4,740.36	409.01 N	68.95 E	135,318.05	2,056,428.92	16.03	409.16	
4,995.00	91.14	352.12	352.24	3,464.79	4,744.49	472.81 N	57.71 E	135,381.84	2,056,417.68	16.08	472.93	
5,045.00	92.74	352.94	353.06	3,463.10	4,742.80	522.35 N	51.22 E	135,431.39	2,056,411.19	3.60	522.46	
5,150.00	95.06	352.29	352.41	3,455.95	4,735.65	626.23 N	37.75 E	135,535.27	2,056,397.72	2.29	626.31	
5,241.00	92.53	353.88	354.00	3,449.93	4,729.63	716.36 N	26.83 E	135,625.40	2,056,386.80	3.28	716.42	
5,331.00	90.49	355.05	355.17	3,447.56	4,727.26	805.91 N	18.15 E	135,714.94	2,056,378.12	2.61	805.94	
5,422.00	89.94	355.40	355.52	3,447.22	4,726.92	896.59 N	10.57 E	135,805.62	2,056,370.54	0.72	896.61	
5,513.00	91.17	354.67	354.79	3,446.34	4,726.04	987.24 N	2.70 E	135,896.28	2,056,362.67	1.57	987.24	
5,604.00	89.38	358.23	358.35	3,445.90	4,725.60	1,078.05 N	2.93 W	135,987.08	2,056,357.04	4.38	1,078.04	
5,695.00	89.20	359.09	359.21	3,447.03	4,726.73	1,169.01 N	5.06 W	136,078.05	2,056,354.91	0.97	1,169.00	
5,785.00	90.28	359.01	359.13	3,447.44	4,727.14	1,259.00 N	6.55 W	136,168.03	2,056,353.42	1.20	1,258.98	
5,876.00	88.58	359.41	359.53	3,448.34	4,728.04	1,349.98 N	7.81 W	136,259.02	2,056,352.16	1.92	1,349.96	
5,970.00	88.09	358.95	359.07	3,451.07	4,730.77	1,443.93 N	9.15 W	136,352.97	2,056,350.82	0.71	1,443.91	
6,065.00	89.01	0.05	0.17	3,453.48	4,733.18	1,538.90 N	9.98 W	136,447.93	2,056,349.99	1.51	1,538.87	
6,159.00	88.95	359.86	359.98	3,455.15	4,734.85	1,632.88 N	10.06 W	136,541.91	2,056,349.91	0.21	1,632.85	
6,254.00	89.20	359.73	359.85	3,456.68	4,736.38	1,727.87 N	10.40 W	136,636.90	2,056,349.57	0.30	1,727.84	
6,348.00	90.89	359.84	359.96	3,456.61	4,736.31	1,821.86 N	10.75 W	136,730.90	2,056,349.22	1.80	1,821.84	
6,442.00	90.99	2.78	2.90	3,455.07	4,734.77	1,915.82 N	8.60 W	136,824.85	2,056,351.37	3.13	1,915.79	
6,537.00	93.07	4.73	4.85	3,451.70	4,731.40	2,010.54 N	2.38 W	136,919.58	2,056,357.59	3.00	2,010.53	
6,632.00	88.62	2.70	2.82	3,450.30	4,730.00	2,105.30 N	3.77 E	137,014.34	2,056,363.74	5.15	2,105.31	
6,726.00	89.66	2.96	3.08	3,451.71	4,731.41	2,199.18 N	8.41 E	137,108.21	2,056,368.38	1.14	2,199.19	
6,821.00	92.06	3.79	3.91	3,450.29	4,729.99	2,293.99 N	14.00 E	137,203.03	2,056,373.97	2.67	2,294.02	
6,915.00	90.43	2.40	2.52	3,448.24	4,727.94	2,387.83 N	19.07 E	137,296.86	2,056,379.04	2.28	2,387.87	
7,010.00	89.08	359.98	360.10	3,448.65	4,728.35	2,482.80 N	21.05 E	137,391.83	2,056,381.02	2.92	2,482.84	
7,104.00	89.41	359.96	360.08	3,449.89	4,729.59	2,576.79 N	21.00 E	137,485.82	2,056,380.97	0.35	2,576.83	
7,198.00	88.98	0.21	0.33	3,451.21	4,730.91	2,670.78 N	21.14 E	137,579.81	2,056,381.11	0.53	2,670.82	
7,293.00	90.15	358.69	358.81	3,451.93	4,731.63	2,765.77 N	20.22 E	137,674.80	2,056,380.19	2.02	2,765.81	
7,387.00	92.56	358.56	358.68	3,449.71	4,729.41	2,859.71 N	17.97 E	137,768.74	2,056,377.94	2.57	2,859.74	

**Design Report for Koblitz 3409 33-1H - Wellbore #1**

Measured Depth (ft)	Inclination (°)	Grid Azimuth (°)	True Azimuth (°)	TVD below System (ft)	Vertical Depth (ft)	Local Coordinates (ft)		Map Coordinates (ft)		Dogleg Rate (°/100ft)	Vertical Section (ft)	Comments
						Northing	Easting	Northing	Easting			
7,482.00	92.03	358.61	358.73	3,445.90	4,725.60	2,954.60 N	15.62 E	137,863.63	2,056,375.60	0.56	2,954.63	
7,576.00	89.94	357.17	357.29	3,444.29	4,723.99	3,048.52 N	12.16 E	137,957.55	2,056,372.13	2.70	3,048.54	
7,670.00	89.60	356.20	356.32	3,444.67	4,724.37	3,142.36 N	6.73 E	138,051.39	2,056,366.70	1.09	3,142.37	
7,765.00	90.46	354.96	355.08	3,444.62	4,724.32	3,237.07 N	0.59 W	138,146.10	2,056,359.38	1.59	3,237.06	
7,859.00	91.60	355.19	355.31	3,442.93	4,722.63	3,330.71 N	8.66 W	138,239.74	2,056,351.31	1.24	3,330.68	
7,954.00	90.09	354.02	354.14	3,441.52	4,721.22	3,425.27 N	17.59 W	138,334.30	2,056,342.38	2.01	3,425.23	
8,048.00	90.80	355.21	355.33	3,440.79	4,720.49	3,518.85 N	26.41 W	138,427.88	2,056,333.56	1.47	3,518.79	
8,142.00	90.99	357.19	357.31	3,439.33	4,719.03	3,612.63 N	32.64 W	138,521.66	2,056,327.33	2.12	3,612.55	
8,237.00	91.51	359.89	360.01	3,437.25	4,716.95	3,707.57 N	35.06 W	138,616.60	2,056,324.91	2.89	3,707.48	
8,331.00	90.71	1.79	1.91	3,435.43	4,715.13	3,801.54 N	33.68 W	138,710.57	2,056,326.29	2.19	3,801.45	
8,425.00	91.57	3.33	3.45	3,433.56	4,713.26	3,895.42 N	29.49 W	138,804.45	2,056,330.48	1.88	3,895.35	
8,520.00	92.29	3.80	3.92	3,430.36	4,710.06	3,990.18 N	23.58 W	138,899.21	2,056,336.39	0.90	3,990.12	
8,615.00	89.11	2.78	2.90	3,429.20	4,708.90	4,085.00 N	18.13 W	138,994.03	2,056,341.84	3.52	4,084.96	
8,709.00	88.89	1.37	1.49	3,430.84	4,710.54	4,178.93 N	14.73 W	139,087.96	2,056,345.24	1.52	4,178.88	
8,804.00	91.51	0.93	1.05	3,430.51	4,710.21	4,273.90 N	12.82 W	139,182.93	2,056,347.15	2.80	4,273.86	
8,898.00	90.77	1.63	1.75	3,428.64	4,708.34	4,367.85 N	10.72 W	139,276.88	2,056,349.25	1.08	4,367.82	
8,993.00	90.00	3.74	3.86	3,428.00	4,707.70	4,462.74 N	6.27 W	139,371.77	2,056,353.70	2.36	4,462.72	
9,087.00	90.46	4.19	4.31	3,427.63	4,707.33	4,556.52 N	0.23 E	139,465.54	2,056,360.20	0.68	4,556.51	
9,156.90	91.66	3.96	4.08	3,426.33	4,706.03	4,626.22 N	5.19 E	139,535.25	2,056,365.16	1.75	4,626.22	Koblitz 3409 33-1H BHL
9,182.00	92.09	3.88	4.00	3,425.51	4,705.21	4,651.25 N	6.91 E	139,560.28	2,056,366.88	1.75	4,651.26	End MWD
9,232.00	92.09	3.88	4.00	3,423.69	4,703.39	4,701.11 N	10.29 E	139,610.13	2,056,370.26	0.00	4,701.12	Projection to TD 9232.00 MD, 4703.39 TVD 4701.11 N, 10.29 E 290 FNL, 1073 FWL

**Design Annotations**

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
539.00	538.63	0.53	17.30	Start MWD
9,182.00	4,705.21	4,651.25	6.91	End MWD
9,232.00	4,703.39	4,701.11	10.29	Projection to TD 9232.00 MD, 4703.39 TVD 4701.11 N, 10.29 E 290 FNL, 1073 FWL



**Design Report for Koblitz 3409 33-1H - Wellbore #1**

**Vertical Section Information**

Angle Type	Target	Azimuth (°)	Origin Type	Origin +N/_S (ft)	Origin +E/-W (ft)	Start TVD (ft)
User	No Target (Freehand)	0.13	Slot	0.00	0.00	0.00

**Survey tool program**

From (ft)	To (ft)	Survey/Plan	Survey Tool
539.00	5,045.00	Run 0100	MWD+SC
5,150.00	9,232.00	Run 0200	MWD+SC

**Design Targets**

Target Name	Dip Angle	Dip Dir.	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
- hit/miss target	( )	( )	( )	( )	( )	( )	( )		
- Shape	( )	( )	( )	( )	( )	( )	( )		

**Directional Difficulty Index**

Average Dogleg over Survey:	2.01 °/100ft	Maximum Dogleg over Survey:	19.70 °/100ft at 4,866.00 ft
Net Tortousity applicable to Plans:	1.02 °/100ft	Directional Difficulty Index:	6.243

**Audit Info**

**North Reference Sheet for Sec 33-T34S-R09W - Koblitz 3409 33-1H - Wellbore #1**

All data is in Feet unless otherwise stated. Directions and Coordinates are relative to Grid North Reference.

Vertical Depths are relative to WELL @ 1279.70ft (Nabors 102 (31.7')). Northing and Easting are relative to Koblitz 3409 33-1H

Coordinate System is US State Plane 1927 (Exact solution), Kansas South 1502 using datum NAD 1927 (NADCON CONUS), ellipsoid Clarke 1866

Projection method is Lambert Conformal Conic (2 parallel)

Central Meridian is 98° 30' 0.000 W°, Longitude Origin:0° 0' 0.000 E°, Latitude Origin:37° 16' 0.000 N°

False Easting: 2,000,000.00ft, False Northing: 0.00ft, Scale Reduction: 1.00005307

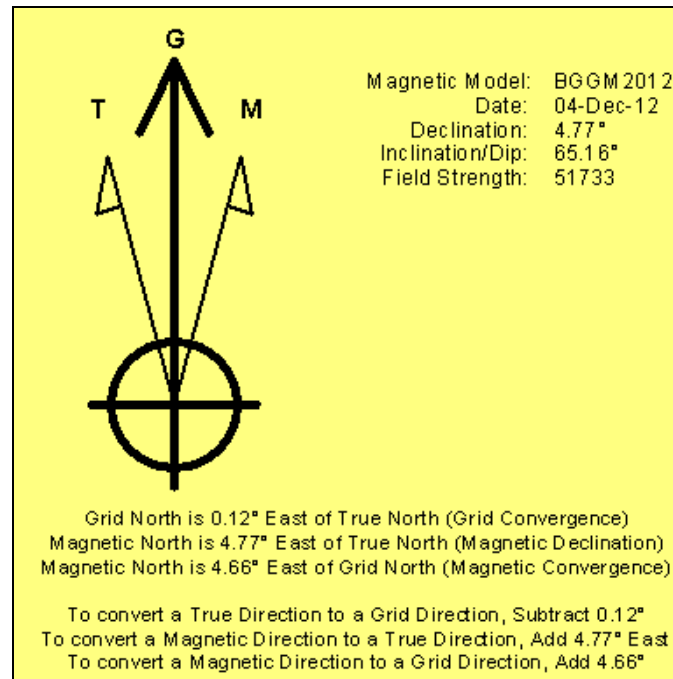
Grid Coordinates of Well: 134,909.04 ft N, 2,056,359.97 ft E

Geographical Coordinates of Well: 37° 02' 13.24" N, 098° 18' 24.94" W

Grid Convergence at Surface is: 0.12°

Based upon Minimum Curvature type calculations, at a Measured Depth of 9,232.00ft the Bottom Hole Displacement is 4,701.12ft in the Direction of 0.13° (Grid).

Magnetic Convergence at surface is: -4.66° ( 4 December 2012, , BGGM2012)



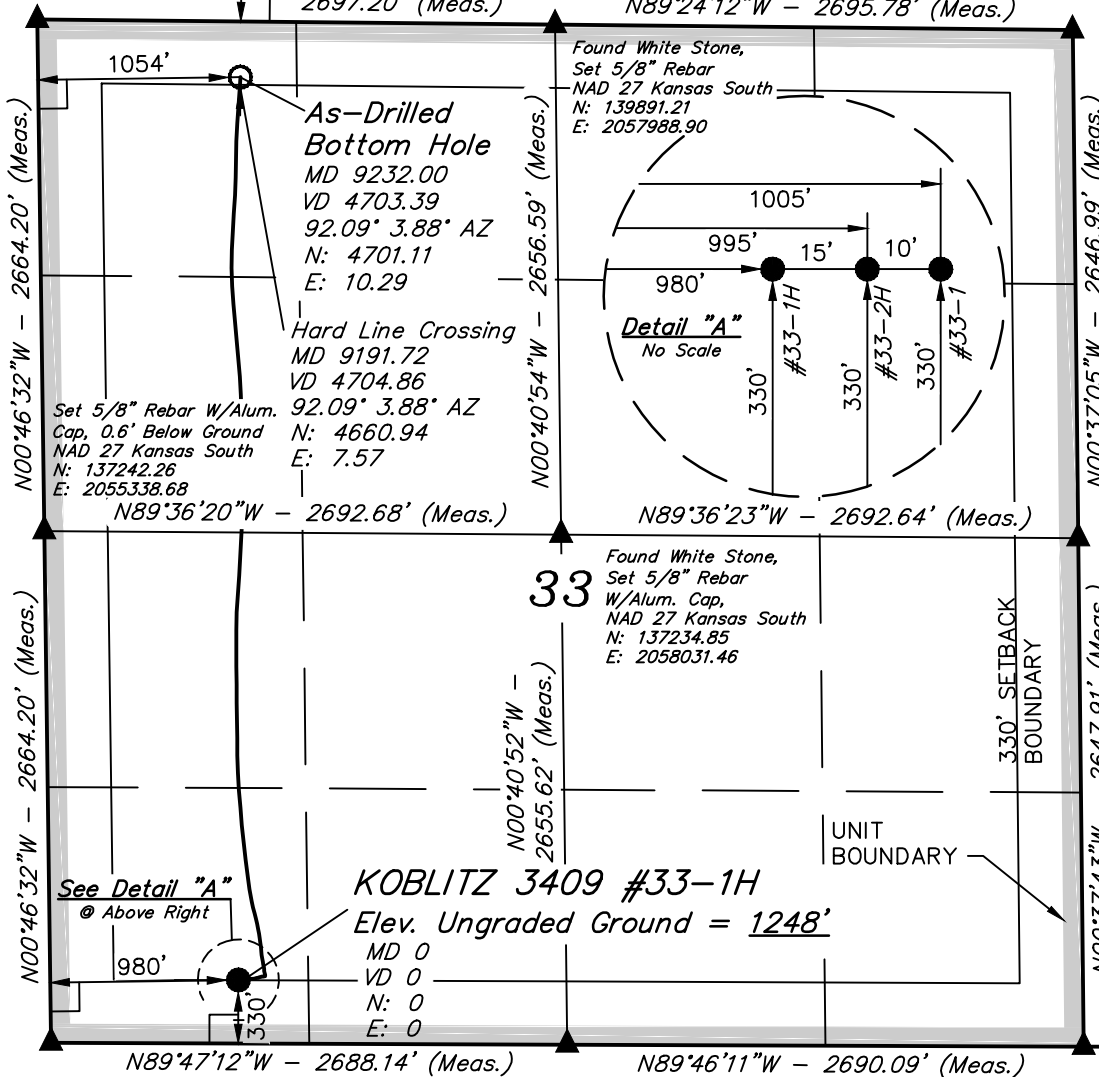
# T34S, R9W, 6th P.M.

SGOMI

1/2" Square rod  
0.2' Below Ground  
NAD 27 Kansas South  
N: 139906.16  
E: 2055291.65

5/8" Rebar W/2" Alum.  
Cap, 0.4' Below Ground  
NAD 27 Kansas South  
N: 139874.29  
E: 2060684.73

Well location, KOBLITZ 3409 #33-1H, located as shown in the SW 1/4 SW 1/4 of Section 33, T34S, R9W, 6th P.M., Harper County, Kansas.



## BASIS OF ELEVATION

SPOT ELEVATION LOCATED AT THE NORTHEAST CORNER OF SECTION 22, T33S, R7W, 6th P.M. TAKEN FROM THE ANTHONY, QUADRANGLE, KANSAS, HARPER COUNTY, 7.5 MINUTE QUAD (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 1348 FEET.

## BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

## LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.



## CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

*Robert J. ...*  
REGISTERED LAND SURVEYOR  
REGISTRATION NO. 1451  
STATE OF KANSAS

<b>UINTAH ENGINEERING &amp; LAND SURVEYING</b>		
85 SOUTH 200 EAST - VERNAL, UTAH 84078		
(435) 789-1017		
SCALE 1" = 1000'	DATE SURVEYED: 01-02-13	DATE DRAWN: 01-31-13
PARTY J.P. B.L. C.A.G.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE SGOMI	

<b>NAD 83 (#33-1H AS-DRILLED BOTTOM HOLE)</b> LATITUDE = 37°02'59.82" (37.049950) LONGITUDE = 98°18'26.19" (98.307275)	<b>NAD 83 (#33-1H SURFACE LOCATION)</b> LATITUDE = 37°02'13.34" (37.037039) LONGITUDE = 98°18'26.20" (98.307278)
<b>NAD 27 (#33-1H AS-DRILLED BOTTOM HOLE)</b> LATITUDE = 37°02'59.73" (37.049925) LONGITUDE = 98°18'24.94" (98.306928)	<b>NAD 27 (#33-1H SURFACE LOCATION)</b> LATITUDE = 37°02'13.25" (37.037014) LONGITUDE = 98°18'24.94" (98.306928)
<b>STATE PLANE NAD 27 (KANSAS SOUTH)</b> N: 139610.47 E: 2056350.89	<b>STATE PLANE NAD 27 (KANSAS SOUTH)</b> N: 134909.15 E: 2056359.97

## Summary of Changes

Lease Name and Number: KOBLITZ 3409 33-1H

API/Permit #: 15-077-21862-01-00

Doc ID: 1109533

Correction Number: 1

Approved By: NAOMI JAMES

Field Name	Previous Value	New Value
Approved Date	10/16/2012	02/05/2013
CasingAdd_Type_PctPDF_1	15% Fly Ash	Attached
CasingNumbSacksUsedPDF_1	42	Attached
CasingPurposeOfStringPDF_1	Conductor	Attached
CasingSettingDepthPDF_1	60	Attached
CasingSizeCasingSetPDF_1	18	Attached
CasingSizeHoleDrilledPDF_1	26	Attached
CasingTypeOfCementPDF_1	1/2 Portland Cmt	Attached
CasingWeightPDF_1	47.76	Attached
Completion Or Recompletion Date	08/09/2012	01/15/2013

Summary of changes for correction 1 continued

Field Name	Previous Value	New Value
Date Reached TD	08/09/2012	12/16/2012
Electric Log Run?	No	Yes
Electric Log Submitted Electronically?		Yes
Elogs_PDF		Triple Combp
Formation Top Source - Log	No	Yes
Kelly Bushing Elevation	0	1585
Liner Run?		Yes
Method Of Completion - Perf	No	Yes
Perf_Depth_1		Attached
Perf_Material_1		Attached
Perf_Record_1		Attached
Perf_Shots_1		Attached
Producing Formation	CONDUCTOR ONLY	Mississippi

Summary of changes for correction 1 continued

Field Name	Previous Value	New Value
Production Interval #1		5052 - 9012'
Purchaser's Name	CONDUCTOR ONLY	
Save Link	../../../../kcc/detail/operatorEditDetail.cfm?docID=1097699	../../../../kcc/detail/operatorEditDetail.cfm?docID=1109533
Spud Or Recompletion Date	08/09/2012	12/03/2012
TopsDepth1		4175
TopsDepth2		4320
TopsDepth3		4459
TopsDepth4		4520
TopsDepth5		4595
TopsDepth6		4790
TopsName1	CONDUCTOR ONLY	Iola
TopsName2		Hushpuckney
TopsName3		Marmaton

Summary of changes for correction 1 continued

Field Name	Previous Value	New Value
TopsName4		Pawnee
TopsName5		Cherokee
TopsName6		Mississippi
Total Depth	60	9232
Tubing Packer At		N/A
Tubing Record - Set At		4013
Tubing Size		2.875

## Summary of Attachments

Lease Name and Number: KOBLITZ 3409 33-1H

API: 15-077-21862-01-00

Doc ID: 1109533

Correction Number: 1

Attachment Name

Koblitz 3409 33-1H Conductor record

Koblitz 3409 33-1H Surface Cement rpt

Koblitz 3409 33-1H Intermediate Cement rpt

Koblitz 3409 33-1H Liner Cement rpt

Koblitz 3409 33-1H final survey

Koblitz 3409 33-1H - As Drilled plat





**CONFIDENTIAL**

**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
- 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: \_\_\_\_\_