



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1090349
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: _____

1090349

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: <input type="checkbox"/> Yes <input type="checkbox"/> No
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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

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> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802



Phone: 316-337-6200
Fax: 316-337-6211
<http://kcc.ks.gov/>

Mark Sievers, Chairman
Thomas E. Wright, Commissioner

Sam Brownback, Governor

August 13, 2012

Wanda Ledbetter
SandRidge Exploration and Production LLC
123 ROBERT S. KERR AVE
OKLAHOMA CITY, OK 73102-6406

Re: ACO1
API 15-057-20801-00-00
Muno SWD 1-31
SW/4 Sec.31-26S-21W
Ford County, Kansas

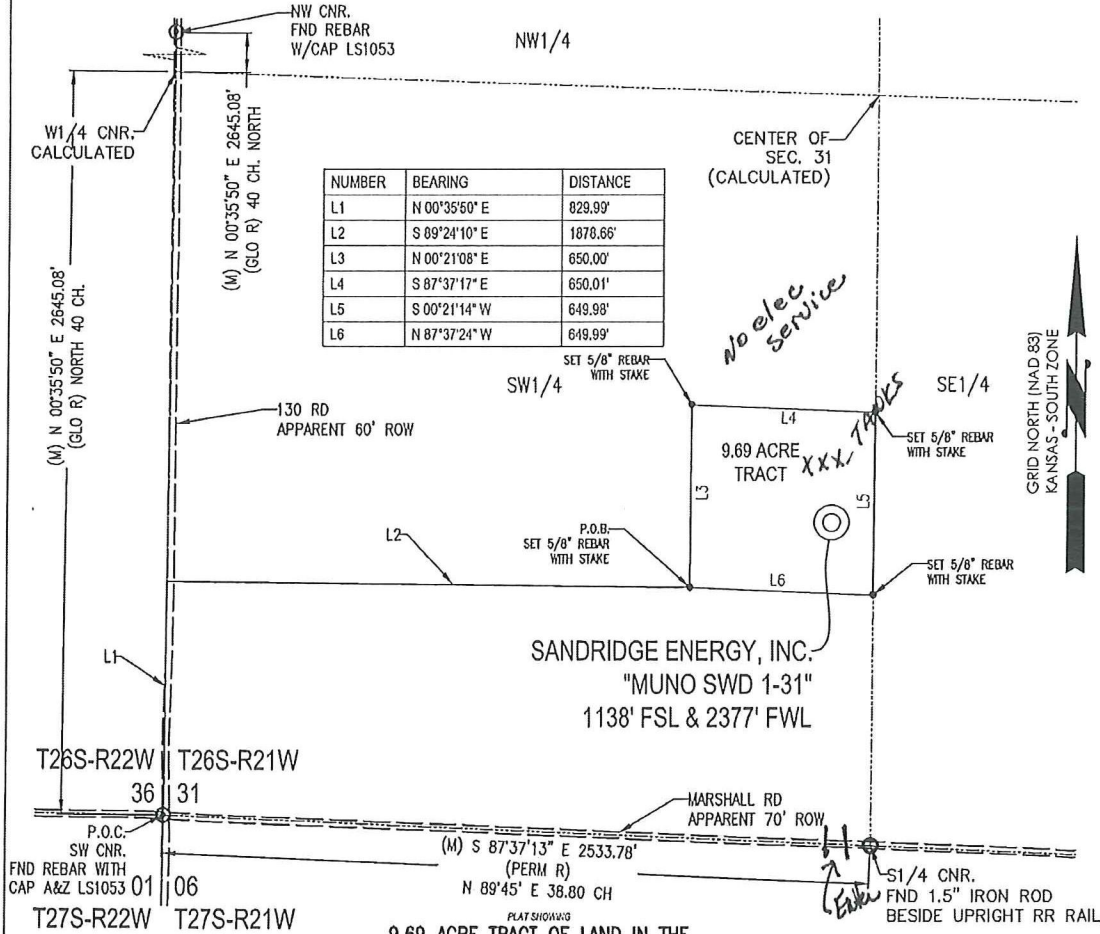
Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,
Wanda Ledbetter

T 26 S - R 21 W

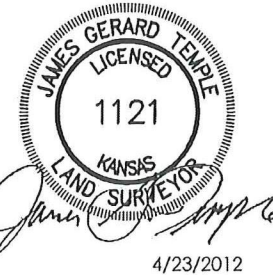


9.69 ACRE TRACT OF LAND IN THE SW 1/4 OF SECTION 31, T26S-R21W, FORD COUNTY, KANSAS

METES AND BOUNDS DESCRIPTION (9.69 ACRE TRACT)

PART OF THE SW 1/4 OF SECTION 31, TOWNSHIP 26 SOUTH, RANGE 21 WEST, FORD COUNTY, KANSAS, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT A FOUND REBAR WITH CAP MARKED "A & Z LS1053" AT THE SW CORNER OF SAID SECTION 31;
 THENCE N 00°35'50" E ALONG THE WEST LINE OF SAID SECTION 31, A DISTANCE OF 829.99 FEET TO A POINT;
 THENCE S 89°24'10" E, A DISTANCE OF 1878.66 FEET TO A SET 5/8" REBAR WITH CAP MARKED "LS1121," SAID POINT BEING THE POINT OF BEGINNING;
 THENCE N 00°21'08" E, A DISTANCE OF 650.00 FEET TO A SET 5/8" REBAR WITH CAP MARKED "LS1121;"
 THENCE S 87°37'17" E, A DISTANCE OF 650.01 FEET TO A SET 5/8" REBAR WITH CAP MARKED "LS1121;"
 THENCE S 00°21'14" W, A DISTANCE OF 649.98 FEET TO A SET 5/8" REBAR WITH CAP MARKED "LS1121;"
 THENCE N 87°37'24" W, A DISTANCE OF 649.99 FEET TO THE POINT OF BEGINNING.

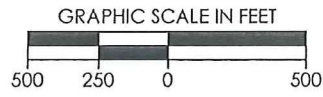


SAID TRACT CONTAINING 9.69 ACRES MORE OR LESS OF LAND AS SURVEYED.

BASIS OF BEARINGS:
 KANSAS COORDINATE SYSTEM 1983 SOUTH ZONE
 BEARINGS: GRID
 DISTANCES: US SURVEY FOOT AT GRID
 COORDINATES: US SURVEY FOOT AT GRID

SURVEYOR'S CERTIFICATE:
 I, JAMES GERARD TEMPLE, KANSAS LICENSED PROFESSIONAL LAND SURVEYOR, NO. 1121, DO HEREBY CERTIFY THAT THIS PLAT REPRESENTS THE RESULTS OF A SURVEY MADE ON THE GROUND UNDER MY SUPERVISION ON THE DATE OF 04-23-2012.

(GLO R)- GENERAL LAND OFFICE RECORD
 (PERM R)- PERMANENT SURVEY RECORD
 (M)- MEASURED DATA



REVISION	SandRidge		
△ MOVED WELL (04-23-2012)	"MUNO SWD 1-31" PART OF THE SW 1/4 OF SECTION 31, T-26-S, R-21-W PROPOSED DRILL SITE FORD COUNTY, KANSAS		
	SCALE: 1" = 500'	PLOT DATE: 04-23-2012	DRAWN BY: S. SANDER
	SHEET NO.: 1 OF 1		

Mid-Continent Conductor, LLC

Invoice

P.O. Box 1570
Woodward, OK 73802

Phone: (580)254-5400
Fax: (580)254-3242

Date	Invoice #
7/3/2012	1389

Bill To
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
Jason Harrison	Net 45	7/3/2012	Muno 1-31SWD, Ford Cnty, KS	Tomcat 4

Item	Quantity	Description
Conductor Hole	100	Drilled 100 ft. conductor hole
20" Pipe	100	Furnished 100 ft. of 20 inch conductor pipe
Rat & Mouse Holes	1	Drilled rat and mouse holes
Rat Hole Shuck	1	Furnished rat hole shuck
16" Pipe	25	Furnished 25 ft. of 16 inch mouse hole pipe
Cellar Hole	1	Drilled 5' X 5' cellar hole
5' X 5' Tinhorn	1	Furnished and set 5' X 5' tinhorn
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
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

WFE Number: DC ~~1389~~ 12015
 Well Name: MUNO SWD 1-31
 Code: 850.010
 Amount: \$18,250.00
 Co. Man: Victor R. Ramirez
 Co. Man Sig.: Victor R. Ramirez
 Notes: _____

Subtotal \$18,250.00

Sales Tax (0.0%) \$0.00

Total \$18,250.00

The Road to Excellence Starts with Safety

Sold To #: 305021	Ship To #: 2942458	Quote #:	Sales Order #: 9705340
Customer: SANDRIDGE ENERGY INC EBUSINESS		Customer Rep: Ramirez, Victor	
Well Name: Muno	Well #: 1-31 SWD	API/UWI #:	
Field:	City (SAP): FORD	County/Parish: Ford	State: Kansas
Legal Description: Section 31 Township 26S Range 21W			
Contractor: TOMCAT		Rig/Platform Name/Num: 4	
Job Purpose: Cement Surface Casing			
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: NGUYEN, VINH		Srvc Supervisor: WADE, STEPHEN	MBU ID Emp #: 490458

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
GRANT, JORDAN O	13.0	506290	MARTINEZ, FERNANDO	13.0	520482	PEREZ, JOSE R	13.0	518945
WADE, STEPHEN Bruce	13.0	490458						

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10784078	85 mile	11138994	85 mile	11149169	85 mile	11150262	85 mile
11515198	85 mile	11748309	85 mile	11804860	85 mile		

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
7/30/2012	13	3						
TOTAL			Total is the sum of each column separately					

Job

Job Times

Formation Name	Top	Bottom	Called Out	Date	Time	Time Zone
Formation Depth (MD)			On Location	30 - Jul - 2012	02:45	CST
Form Type	BHST		Job Started	30 - Jul - 2012	10:00	CST
Job depth MD	1143.6 ft	Job Depth TVD	Job Completed	30 - Jul - 2012	20:51	CST
Water Depth		Wk Ht Above Floor	Departed Loc	30 - Jul - 2012	21:39	CST
Perforation Depth (MD)	From	To		30 - Jul - 2012	23:00	CST

Well Data

Description	New / Used	Max pressure psig	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft
12.25" Open Hole				12.25					1100.		
9.625" Surface Casing	Unknown		9.625	8.921	36.	LTC	J-55		1100.		

Sales/Rental/3rd Party (HES)

Description	Qty	Qty uom	Depth	Supplier
PLUG,CMTG, TOP,9 5/8,HWE,8.16 MIN/9.06 MA	1	EA		

Tools and Accessories

Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe					Packer					Top Plug			
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container			
Stage Tool										Centralizers			

Miscellaneous Materials

Gelling Agt	Conc	Surfactant	Conc	Acid Type	Qty	Conc	%
Treatment Fld	Conc	Inhibitor	Conc	Sand Type	Size	Qty	

Fluid Data

Stage/Plug #: 1

Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft ³ /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
1	Fresh Water		10.00	bbl	8.33	.0	.0	.0	
2	Lead Cement	EXTENDACEM (TM) SYSTEM (452981)	260.0	sacks	12.4	2.12	11.68		11.68
	3 %	CALCIUM CHLORIDE, PELLET, 50 LB (101509387)							
	0.25 lbm	POLY-E-FLAKE (101216940)							
	11.676 Gal	FRESH WATER							
3	Tail Cement	SWIFTCEM (TM) SYSTEM (452990)	150.0	sacks	15.6	1.2	5.32		5.32
	2 %	CALCIUM CHLORIDE, PELLET, 50 LB (101509387)							
	0.125 lbm	POLY-E-FLAKE (101216940)							
	5.319 Gal	FRESH WATER							
4	Displacement		82.00	bbl	8.33	.0	.0	.0	
Calculated Values		Pressures			Volumes				
Displacement	85	Shut In: Instant		Lost Returns	0	Cement Slurry	130	Pad	
Top Of Cement	SURFACE	5 Min		Cement Returns	10 BBL	Actual Displacement	85	Treatment	
Frac Gradient		15 Min		Spacers		Load and Breakdown		Total Job	
Rates									
Circulating	5	Mixing	5	Displacement	5	Avg. Job	5		
Cement Left In Pipe	Amount	43.93 ft	Reason	Shoe Joint					
Frac Ring # 1 @	ID	Frac ring # 2 @	ID	Frac Ring # 3 @	ID	Frac Ring # 4 @	ID		
The Information Stated Herein Is Correct				Customer Representative Signature					

The Road to Excellence Starts with Safety

Sold To #: 305021	Ship To #: 2942458	Quote #:	Sales Order #: 9729989
Customer: SANDRIDGE ENERGY INC EBUSINESS		Customer Rep: Garza, Louise	
Well Name: Muno	Well #: 1-31 SWD	API/UWI #:	
Field:	City (SAP): FORD	County/Parish: Ford	State: Kansas
Legal Description: Section 31 Township 26S Range 21W			
Contractor: TomCat		Rig/Platform Name/Num: 4	
Job Purpose: Cement Intermediate Casing			
Well Type: Development Well		Job Type: Cement Intermediate Casing	
Sales Person: NGUYEN, VINH		Srvc Supervisor: MONTOYA-MOLINAS, ARTHUR	MBU ID Emp #: 483764

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
GOMEZ, OSCAR	10	490448	MONTOYA-MOLINAS, ARTHUR J	10	483764	STELL, KEVIN Woodrow	10	450776

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
8-9-12	5	1						

TOTAL Total is the sum of each column separately

Job

Job Times

Formation Name	Formation Depth (MD)	Top	Bottom	Called Out	Date	Time	Time Zone
Form Type	Job depth MD	5722. ft	Job Depth TVD	5722. ft	Job Started	09 - Aug - 2012	14:17
Water Depth	Wk Ht Above Floor	4. ft	Job Completed	09 - Aug - 2012	15:21	CST	
Perforation Depth (MD)	From	To	Departed Loc	09 - Aug - 2012	17:00	CST	

Well Data

Description	New / Used	Max pressure psig	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft
8.75" Open Hole				8.75				1100.	5740.		
7" Intermediate Casing Lower	Unknown		7.	6.314	24.8			5700.	5740.		
7" Intermediate Casing Upper	Unknown		7.	6.276	26.	BTC	P-110	.	5700.		
9.625" Surface Casing	Unknown		9.625	8.921	36.	LTC	J-55	.	1100.		

Sales/Rental/3rd Party (HES)

Description	Qty	Qty uom	Depth	Supplier
PLUG,CMTG, TOP, 7, HWE, 5.66 MIN/6.54 MAX CS	1	EA		

Tools and Accessories

Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe					Packer					Top Plug			
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container			
Stage Tool										Centralizers			

Miscellaneous Materials

Gelling Agt	Conc	Surfactant	Conc	Acid Type	Qty	Conc	%
Treatment Fld	Conc	Inhibitor	Conc	Sand Type	Size	Qty	

Fluid Data										
Stage/Plug #: 1										
Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft ³ /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk	
1	Fresh Water		10.00	bbl	8.33	.0	.0	.0		
2	Lead Cement	ECONOCEM (TM) SYSTEM (452992)	200.0	sacks	13.6	1.54	7.36		7.36	
	0.4 %	HALAD(R)-9, 50 LB (100001617)								
	2 lbm	KOL-SEAL, 50 LB BAG (100064232)								
	2 %	BENTONITE, BULK (100003682)								
	7.356 Gal	FRESH WATER								
3	Tail Cement	HALCEM (TM) SYSTEM (452986)	100.0	sacks	15.6	1.19	5.08		5.08	
	0.4 %	HALAD(R)-9, 50 LB (100001617)								
	2 lbm	KOL-SEAL, 50 LB BAG (100064232)								
	5.076 Gal	FRESH WATER								
4	Displacement		216.00	bbl	8.33	.0	.0	.0		
Calculated Values		Pressures			Volumes					
Displacement	215 BBLS	Shut In: Instant			Lost Returns	0	Cement Slurry	76 BBLS	Pad	
Top Of Cement	3005 FT	5 Min			Cement Returns	0	Actual Displacement	215 BBLS	Treatment	
Frac Gradient		15 Min			Spacers	10 BBLS	Load and Breakdown		Total Job	
Rates										
Circulating	3	Mixing	5	Displacement	8	Avg. Job	5			
Cement Left In Pipe	Amount	84 ft	Reason	Shoe Joint						
Frac Ring # 1 @	ID	Frac ring # 2 @	ID	Frac Ring # 3 @	ID	Frac Ring # 4 @	ID			
The Information Stated Herein Is Correct				Customer Representative Signature						