



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1113759
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: _____



1113759

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

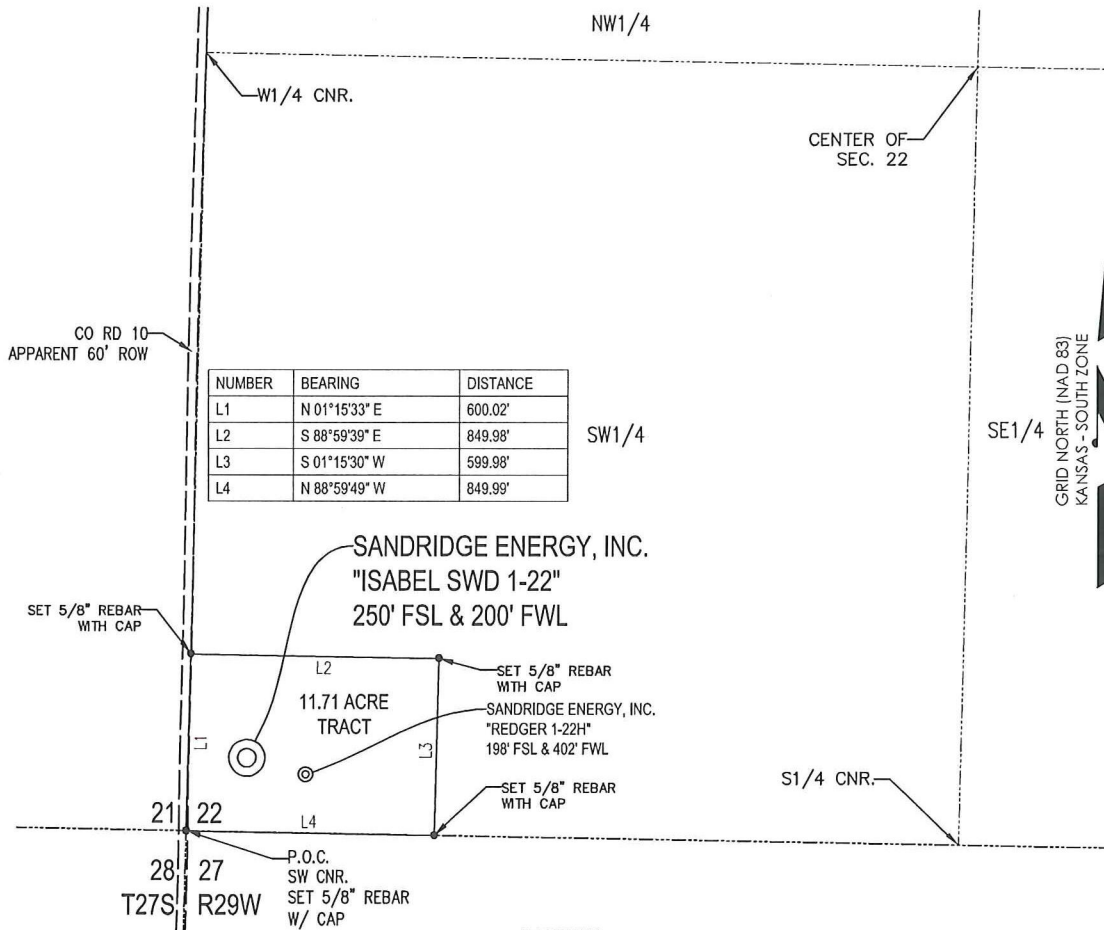
Date of First, Resumed Production, SWD or ENHR: _____ Producing Method:
 Flowing Pumping Gas Lift Other *(Explain)* _____

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> <input type="checkbox"/> Other <i>(Specify)</i> _____ <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: _____ _____
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T 27 S - R 29 W



SANDRIDGE ENERGY, INC.
 "ISABEL SWD 1-22"
 250' FSL & 200' FWL

SANDRIDGE ENERGY, INC.
 "REDGER 1-22H"
 198' FSL & 402' FWL

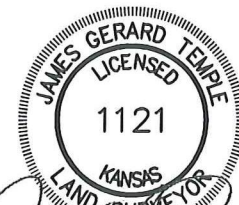
PLAT SHOWING
 11.71 ACRE TRACT OF LAND IN THE
 SW 1/4 OF SECTION 22, T27S-R29W,
 GRAY COUNTY, KANSAS

METES AND BOUNDS DESCRIPTION (11.71 ACRE TRACT)

PART OF THE SW 1/4 OF SECTION 22, TOWNSHIP 27 SOUTH, RANGE 29 WEST, GRAY COUNTY, KANSAS, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT A SET 5/8" REBAR WITH CAP MARKED "LS1121" AT THE SOUTHWEST CORNER OF SAID SECTION 22, SAID POINT BEING THE POINT OF BEGINNING;
 THENCE N01°15'33"E ALONG THE WEST LINE OF SAID SECTION 22, A DISTANCE OF 600.02 FEET TO A SET 5/8" REBAR WITH CAP MARKED "LS1121;"
 THENCE S88°59'39"E, A DISTANCE OF 849.98 FEET TO A SET 5/8" REBAR WITH CAP MARKED "LS1121;"
 THENCE S01°15'30"W, A DISTANCE OF 599.98 FEET TO A SET 5/8" REBAR WITH CAP MARKED "LS1121;"
 THENCE N88°59'49"W ALONG THE SOUTH LINE OF SAID SECTION 22, A DISTANCE OF 849.99 FEET TO THE POINT OF BEGINNING.

SAID TRACT CONTAINING 11.71 ACRES OF LAND AS SURVEYED, MORE OR LESS.

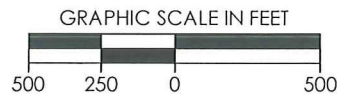


James Gerard Temple
 5/1/2012

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 05-01-2012.

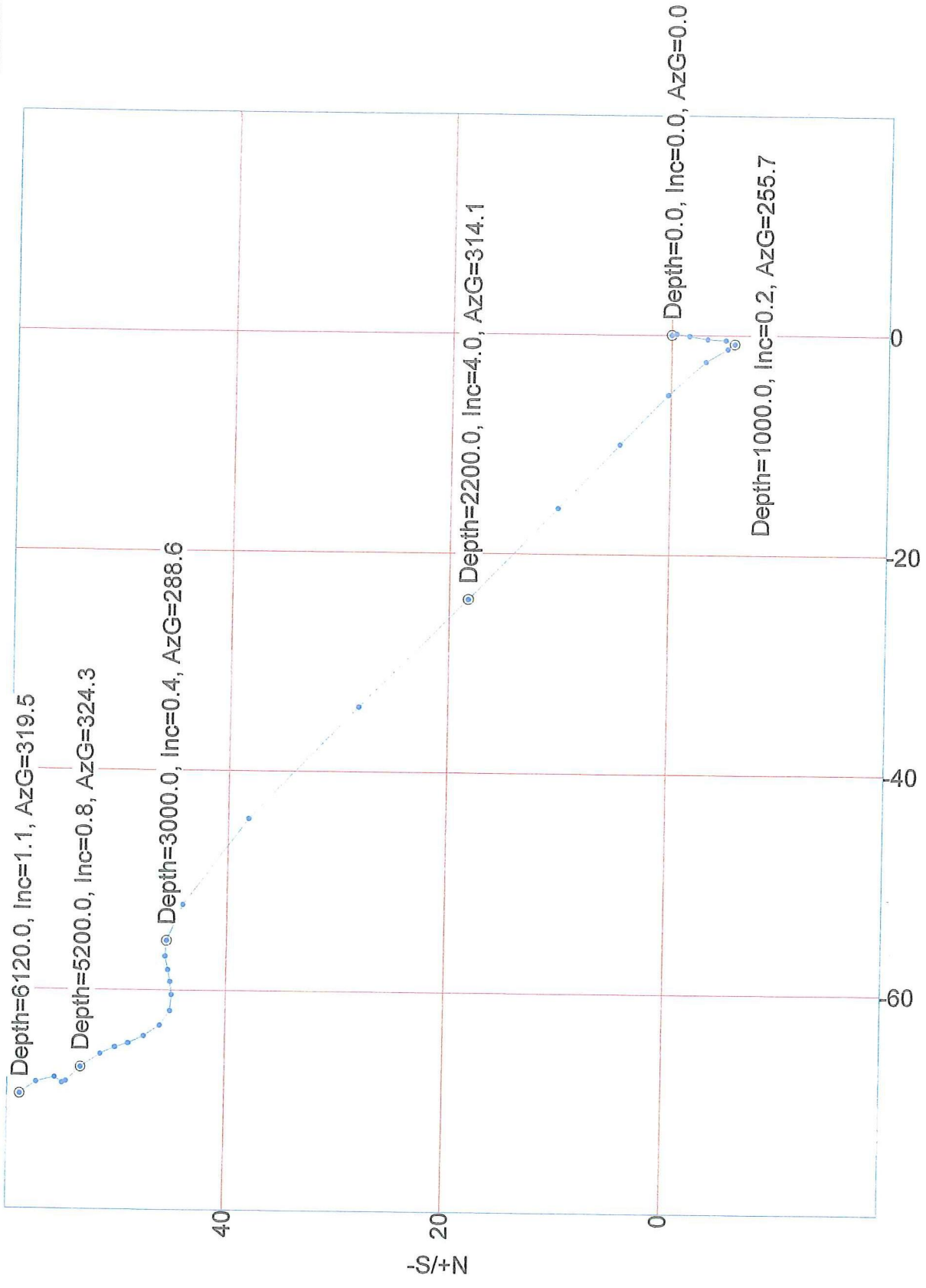
(GLO R)- GENERAL LAND OFFICE RECORD
 (PERM R)- PERMANENT SURVEY RECORD
 (M)- MEASURED DATA



REVISION	SandRidge		
	"ISABEL SWD 1-22" PART OF THE SW 1/4 OF SECTION 22, T-27-S, R-29-W PROPOSED DRILL SITE GRAY COUNTY, KANSAS		
	SCALE: 1" = 500'	DRAWN BY: S. ANDER	SHEET NO.: 1 OF 1
	PLOT DATE: 05-01-2012		



Vaughn Energy Services
Woodward, Oklahoma
580-254-5000
Surveyor: Michael Thorne
Isabel SWD 2729 1-22 / API 15-069-20401



-W/+E
VES Survey Date: 11/10/2012

Company: SandRidge Explor. & Prod. Co.

Lease/Well: Isabel SWD 2729 / 1-22

Rig Name: Tomcat 3

State/County: Kansas/ Gray

Latitude: 37.68, Longitude: -100.49

GRID North is 1.22 Degrees West of True North

VS-Azi: 0.00 Degrees

Depth Reference : RKB = 10.5'

DRILLOG HA GYRO SURVEY CALCULATIONS

Filename: e line gyro_ed.ut

Minimum Curvature Method

Report Date/Time: 11/14/2012 / 15:40

Vaughn Energy Services

Woodward, Oklahoma

580-254-5000

Surveyor: Michael Thorne

Isabel SWD 2729 1-22 / API 15-069-20401



Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N-S FT	+E-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	****
200.00	0.26	167.34	200.00	-0.44	0.10	-0.44	0.45	167.34	0.13
400.00	0.46	201.39	400.00	-1.62	-0.09	-1.62	1.62	183.29	0.14
600.00	0.52	179.04	599.99	-3.27	-0.37	-3.27	3.29	186.44	0.10
800.00	0.44	187.05	799.98	-4.93	-0.45	-4.93	4.95	185.19	0.05
1000.00	0.16	255.65	999.98	-5.76	-0.81	-5.76	5.81	188.05	0.20
1200.00	0.41	345.87	1199.98	-5.12	-1.26	-5.12	5.28	193.84	0.22
1400.00	0.94	322.91	1399.96	-3.11	-2.43	-3.11	3.95	217.94	0.29
1600.00	1.66	314.84	1599.91	0.24	-5.47	0.24	5.48	272.50	0.37
1800.00	1.95	313.51	1799.81	4.63	-10.00	4.63	11.02	294.84	0.15
2000.00	2.69	313.70	1999.64	10.22	-15.86	10.22	18.87	302.78	0.37
2200.00	3.95	314.10	2199.30	18.26	-24.21	18.26	30.33	307.02	0.63
2400.00	4.11	316.56	2398.81	28.26	-34.09	28.26	44.28	309.66	0.12
2600.00	4.08	311.42	2598.30	38.16	-44.34	38.16	58.50	310.72	0.18
2800.00	1.62	294.84	2798.04	44.05	-52.24	44.05	68.33	310.14	1.28
3000.00	0.43	288.61	2998.01	45.48	-55.50	45.48	71.75	309.33	0.60
3200.00	0.42	259.82	3198.00	45.58	-56.92	45.58	72.92	308.69	0.10
3400.00	0.31	255.21	3398.00	45.32	-58.16	45.32	73.73	307.93	0.06
3600.00	0.32	263.72	3597.99	45.12	-59.23	45.12	74.46	307.30	0.02

measured	UIC1	UIC2	UIC3	UIC4	UIC5	UIC6	UIC7	UIC8	UIC9	UIC10	UIC11	UIC12	UIC13	UIC14	UIC15	UIC16	UIC17	UIC18	UIC19	UIC20	UIC21	UIC22	UIC23	UIC24	UIC25	UIC26	UIC27	UIC28	UIC29	UIC30	UIC31	UIC32	UIC33	UIC34	UIC35	UIC36	UIC37	UIC38	UIC39	UIC40	UIC41	UIC42	UIC43	UIC44	UIC45	UIC46	UIC47	UIC48	UIC49	UIC50	UIC51	UIC52	UIC53	UIC54	UIC55	UIC56	UIC57	UIC58	UIC59	UIC60	UIC61	UIC62	UIC63	UIC64	UIC65	UIC66	UIC67	UIC68	UIC69	UIC70	UIC71	UIC72	UIC73	UIC74	UIC75	UIC76	UIC77	UIC78	UIC79	UIC80	UIC81	UIC82	UIC83	UIC84	UIC85	UIC86	UIC87	UIC88	UIC89	UIC90	UIC91	UIC92	UIC93	UIC94	UIC95	UIC96	UIC97	UIC98	UIC99	UIC100
Depth	Angle	Direction	TVD	+N-S	+E-W	Vertical	Closure	Dogleg																																																																																												
FT	Deg	Deg	FT	FT	FT	Section	Distance	Severity																																																																																												
						FT	FT	Deg/100																																																																																												
3800.00	0.37	260.62	3797.99	44.95	-60.43	44.95	75.31	0.03																																																																																												
4000.00	0.50	285.63	3997.98	45.08	-61.90	45.08	76.58	0.11																																																																																												
4200.00	0.48	324.97	4197.98	46.00	-63.21	46.00	78.18	0.16																																																																																												
4400.00	0.52	325.87	4397.97	47.43	-64.20	47.43	79.82	0.02																																																																																												
4600.00	0.38	347.09	4597.96	48.83	-64.86	48.83	81.18	0.11																																																																																												
4800.00	0.35	338.87	4797.96	50.04	-65.23	50.04	82.21	0.03																																																																																												
5000.00	0.48	330.71	4997.96	51.34	-65.85	51.34	83.50	0.07																																																																																												
5200.00	0.79	324.33	5197.94	53.18	-67.06	53.18	85.59	0.16																																																																																												
5400.00	0.31	294.87	5397.93	54.53	-68.36	54.53	87.45	0.27																																																																																												
5600.00	0.20	72.69	5597.93	54.87	-68.52	54.87	87.78	0.24																																																																																												
5800.00	0.37	15.38	5797.93	55.60	-68.01	55.60	87.84	0.16																																																																																												
6000.00	0.71	330.84	5997.92	57.31	-68.44	57.31	89.27	0.26																																																																																												
6120.00	1.08	319.51	6117.91	58.82	-69.54	58.82	91.08	0.34																																																																																												

HALLIBURTON

Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 305021	Ship To #: 2958539	Quote #:	Sales Order #: 9902008
Customer: SANDRIDGE ENERGY INC EBUSINESS		Customer Rep: Solis, Lu	
Well Name: Isabel 2729 SWD	Well #: 1-22	API/UWI #: 15-069-20401	
Field:	City (SAP): MONTEZUMA	County/Parish: Gray	State: Kansas
Legal Description: Section 22 Township 27S Range 29W			
Contractor: TOMCAT		Rig/Platform Name/Num: 3	
Job Purpose: Cement Surface Casing			
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: NGUYEN, VINH		Srvc Supervisor: DURAN, EDUR	MBU ID Emp #: 445769

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
DUCSAK, JAMES Joseph	8	518883	DURAN, EDUR	8	445769	JOHNSON, MATTHEW Warren	8	525955
RAMIREZ, JORGE M.	8	498481						

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10025025	70 mile	10243558	70 mile	10244148	70 mile	10286731	70 mile
10872308	70 mile	11256865	70 mile	11288858	70 mile		

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
10/20/2012	2	2	10/21/2012	6	6			
TOTAL			Total is the sum of each column separately					

Job

Job Times

Formation Name	Date	Time	Time Zone
Formation Depth (MD) Top	Bottom	Called Out	20 - Oct - 2012 14:00 CST
Form Type	BHST	On Location	20 - Oct - 2012 22:00 CST
Job depth MD	1525. ft	Job Depth TVD	1525. ft
Water Depth	Wk Ht Above Floor	Job Started	21 - Oct - 2012 02:54 CST
Perforation Depth (MD) From	To	Job Completed	21 - Oct - 2012 04:20 CST
		Departed Loc	21 - Oct - 2012 06:35 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					1225.		
12.25" Open Hole- Lower				12.25				1225.	1500.		
9.625" Surface Casing	Unknown		9.625	8.921	36.	LTC	J-55		1500.		

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		
SUGAR - GRANULATED	100	LB		

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	

HALLIBURTON

Cementing Job Summary

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)	455.0	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)	160.0	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		113.00	bbl	8.33	.0	.0	.0		
Calculated Values			Pressures			Volumes				
Displacement	114	Shut In: Instant		Lost Returns		Cement Slurry	211	Pad		
Top Of Cement	GL	5 Min		Cement Returns	54	Actual Displacement	114	Treatment		
Frac Gradient		15 Min		Spacers	20	Load and Breakdown		Total Job		
Rates										
Circulating		Mixing	5	Displacement	5	Avg. Job	5			
Cement Left In Pipe	Amount	46 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						
				<i>Ricky Rader</i>						

The Road to Excellence Starts with Safety

Sold To #: 305021	Ship To #: 2958539	Quote #:	Sales Order #: 9922035
Customer: SANDRIDGE ENERGY INC EBUSINESS		Customer Rep: Solis, Lu	
Well Name: Isabel 2729 SWD	Well #: 1-22	API/UWI #: 15-069-20401	
Field:	City (SAP): MONTEZUMA	County/Parish: Gray	State: Kansas
Legal Description: Section 22 Township 27S Range 29W			
Contractor: TOMCAT		Rig/Platform Name/Num: 3	
Job Purpose: Cement Intermediate Casing			
Well Type: Development Well		Job Type: Cement Intermediate Casing	
Sales Person: NGUYEN, VINH		Srvc Supervisor: RALSTON, ANTHONY MBU ID Emp #: 448065	

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
BECERRA, JUAN Carlos	10	491933	CHURCH, ERICK D	10	532590	JOURNAGAN, MICHAEL D	10	524224
NASH, JONATHAN Clark	10	524600	RALSTON, ANTHONY Kenneth	10	448065			

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
11/9/12	10	6						

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	6337. ft	BHST	Job Depth TVD	On Location			
Job depth MD	6337. ft	Job Depth TVD	6337. ft	Job Started			
Water Depth	Wk Ht Above Floor	48. ft	Job Completed				
Perforation Depth (MD)	From	To	Departed Loc				

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				1500.	6290.		
7" Intermediate Casing Lower	Unknown		7.	6.314	24.8			6250.	6290.		
7" Intermediate Casing Upper	Unknown		7.	6.276	26.	BTC	J-55	.	6250.		
9.625" Surface Casing	Unknown		9.625	8.921	36.	LTC	J-55	.	1500.		

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	7"	1	WF
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container	7"	1	WF
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	bbl	8.33	.0	.0	4	
2	Lead Cement	ECONOCEM (TM) SYSTEM (452992)	240	sacks	13.6	1.53	7.32	4	7.32
	0.4 %	HALAD(R)-9, 50 LB (100001617)							
	2 lbm	KOL-SEAL, BULK (100064233)							
	2 %	BENTONITE, BULK (100003682)							
	7.321 Gal	FRESH WATER							
3	Tail Cement	HALCEM (TM) SYSTEM (452986)	100	sacks	15.6	1.19	5.08	3.5	5.08
	0.4 %	HALAD(R)-9, 50 LB (100001617)							
	2 lbm	KOL-SEAL, BULK (100064233)							
	5.076 Gal	FRESH WATER							
4	Displacement/TB C		242	bbl	8.33	.0	.0	6	
Calculated Values		Pressures			Volumes				
Displacement	242	Shut In: Instant		Lost Returns		Cement Slurry	86.5	Pad	
Top Of Cement	3144	5 Min		Cement Returns		Actual Displacement	242	Treatment	
Frac Gradient		15 Min		Spacers	10	Load and Breakdown		Total Job	338.5
Rates									
Circulating	5	Mixing	4	Displacement	6	Avg. Job	5		
Cement Left In Pipe	Amount	45 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 #: 2958539	Quote #:	Sales Order #: 9922035
Customer: SANDRIDGE ENERGY INC EBUSINESS		Customer Rep: Solis, Lu	
Well Name: Isabel 2729 SWD	Well #: 1-22	API/UWI #: 15-069-20401	
Field:	City (SAP): MONTEZUMA	County/Parish: Gray	State: Kansas
Legal Description: Section 22 Township 27S Range 29W			
Lat: N 0 deg. OR N 0 deg. 0 min. 0 secs.		Long: E 0 deg. OR E 0 deg. 0 min. 0 secs.	
Contractor: TOMCAT		Rig/Platform Name/Num: 3	
Job Purpose: Cement Intermediate Casing			Ticket Amount:
Well Type: Development Well		Job Type: Cement Intermediate Casing	
Sales Person: NGUYEN, VINH		Srvc Supervisor: RALSTON, ANTHONY	MBU ID Emp #: 448065

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	11/08/2012 20:00							
Pre-Convoy Safety Meeting	11/08/2012 22:30							DISCUSS ROUTES, FOLLOWING DISTANCE, AND COMPLETED JOURNEY MANAGMENT
Depart from Service Center or Other Site	11/08/2012 23:00							
Arrive At Loc	11/09/2012 03:00							ARRIVE ON LOCATION, CASING STILL RUNNING, APRX 40 JOINTS LEFT
Assessment Of Location Safety Meeting	11/09/2012 03:40							ASSESS AND SPOT EQUIPMENT
Pre-Rig Up Safety Meeting	11/09/2012 06:00							DISCUSS PINCH POINTS, RED ZONE, TRIPPING HAZARDS, AND PPE
Rig-Up Completed	11/09/2012 07:35							
Pre-Job Safety Meeting	11/09/2012 07:40							DISCUSS RATES/PRESSURES/EMERGENCY PLAN/LEAKS AND HSE STANDARDS
Test Lines	11/09/2012 08:00							TEST LINES 6000 PSI NO LEAKS
Drop Plug	11/09/2012 08:11							DROP FIRST PLUG FOR DV, THIRD PARTY *WEATHERFORD*
Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	

HALLIBURTON

Cementing Job Log

Pump Displacement	11/09/2012 08:18		5	242			150.0	PUMP 242 BBLS FRESH WATER DISPLACEMENT TO PUMP PLUG
Bump Plug	11/09/2012 09:10		2				550.0	BUMP PLUG @ 50PSI TOOK 500 OVER TO 550 PSI
Set Packer	11/09/2012 09:31		2	2			2100.0	SET PACKER, PUMP @ 2 BPM AS PER TOOL GUY, "WEATHERFORD" NEVER SAW CHART DIFERANCE, MADE EXTRA ATTEMPTS AT SETTING THE PACKER TAKING PRESSURE UP TO 2100 PSI, TOOL GUY SATISFIED WITH PACKER.
Open Multiple Stage Cementer	11/09/2012 10:00							OPEN MSC, TOOL OPEND AT 2495 PSI, BEGAN PUMPING WATER TO ESTALISH RATE
Pump Spacer	11/09/2012 10:03		4	15			189.0	ESTABLISH A RATE AND PUMP 10BBLS FRESH WATER SPACER
Pump Lead Cement	11/09/2012 10:08		4	65.39			150.0	PUMP 65.39BBLS LEAD CMT, 13.6 PPG, 4 BPM
Pump Tail Cement	11/09/2012 10:23		3.5	21.19			140.0	PUMP 21 BBLS TAIL CMT, 15.6 PPG, 3.5 BPM
Shutdown	11/09/2012 10:31							SHUT DOWN, WASH TRUCK
Drop Plug	11/09/2012 10:33							DROPPED TOP PLUG
Pump Displacement	11/09/2012 10:36		6	242			120.0	PUMP 241 BBLS FRESH WATER DISPLACEMENT, SAVING LAST 1.5 BBLS IN TUB FOR PUTTING ON TOP OF PLUG TO LEAVE A GOOD SHOE ASPER CO-REP RETURNS GAINED AT 109 BBLS GONE, LOST AT 139 BBLS
Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	

Sold To # : 305021

Ship To # :2958539

Quote # :

Sales Order # : 9922035

SUMMIT Version: 7.3.0045

Friday, November 09, 2012 12:35:00

HALLIBURTON

Cementing Job Log

Bump Plug	11/09/2012 11:25		2					BUMP PLUG 950 PSI, 2 BPM, TOOK 1500 OVER TO 2500PSI TO CYCLE MSC TOOL SHUT
Check Floats	11/09/2012 11:28							FLOATS HELD; 2 BBLS BACK
Pre-Rig Down Safety Meeting	11/09/2012 11:45							DISCUSS PINCH POINTS ,TRIPPING HAZARDS, PPE, WATER BREAKS AND FORKLIFT SAFETY
Rig-Down Completed	11/09/2012 13:30							
Pre-Convoy Safety Meeting	11/09/2012 13:40							DISCUSS ROUTES, HOURS OF SERVICE, WILDLIFE, FOLLOWING DISTANCE, USED JOURNEY MANAGEMENT
Depart Location for Service Center or Other Site	11/09/2012 13:45							THANK YOU FOR CHOOSING HALLIBURTON ENERGY SERVICES!!



Division : 0701
 Delivery Ticket : 2914
 Delivery Date : 10/16/2012

P.O. BOX 3660
 HOUMA, LA 70361-3660

Customer : SAN400

Ordered By :
 Lease/Well : ISABEL 2729 #1-22H
 Rig Name/Number : TOMCAT 3
 AFE Number :
 Site Contact :

BILL TO : SANDRIDGE ENERGY
 123 ROBERT S KERR AVENUE
 OKLAHOMA CITY, OK 73102-6406
 PHONE: (405) 763-5500 FAX: ()

Qty	Description	Min / Standby / Usage Charge	Add Day	Unit Price	Start Date / Stop Date	Extended Line Total
1	ISABEL 2729 #1-22H	\$29,450.00	\$0.00	\$29,450.00	10/11/2012 10/11/2012	\$29,450.00
150	DRILLED 30" CONDUCTOR HOLE	\$0.00	\$0.00	\$0.00	10/11/2012 10/11/2012	
150	20" CONDUCTOR PIPE (.250 WALL)	\$0.00	\$0.00	\$0.00	10/11/2012 10/11/2012	
1	6'X6' CELLAR TINHORN WITH PROTECTIVE RING	\$0.00	\$0.00	\$0.00	10/11/2012 10/11/2012	
1	DRILL & INSTALL 6'X6' CELLAR TINHORN	\$0.00	\$0.00	\$0.00	10/11/2012 10/11/2012	
20	DRILLED 20" MOUSE HOLE (PER FOOT)	\$0.00	\$0.00	\$0.00	10/11/2012 10/11/2012	
20	MOUSE HOLE SHUCK	\$0.00	\$0.00	\$0.00	10/11/2012 10/11/2012	
40	DRILLED 40' RATHOLE	\$0.00	\$0.00	\$0.00	10/11/2012 10/11/2012	
40	RAT HOLE SHUCK	\$0.00	\$0.00	\$0.00	10/11/2012 10/11/2012	
1	MOBILIZATION OF EQUIPMENT & ROAD PERMITTING FEE	\$0.00	\$0.00	\$0.00	10/11/2012 10/11/2012	
1	WELDING SERVICES FOR PIPE & LIDS	\$0.00	\$0.00	\$0.00	10/11/2012 10/11/2012	
1	PROVIDED EQUIPMENT & LABOR FOR DIRT REMOVAL	\$0.00	\$0.00	\$0.00	10/11/2012 10/11/2012	
1	PROVIDED METAL LIDS (1 FOR CONDUCTOR & 2 FOR THE MOUSEHOLE PIPE)	\$0.00	\$0.00	\$0.00	10/11/2012 10/11/2012	
16	CEMENT	\$0.00	\$0.00	\$0.00	10/11/2012 10/11/2012	
1	PROVIDED EQUIPMENT & LABOR TO ASSIST IN PUMPING CONCRETE	\$0.00	\$0.00	\$0.00	10/11/2012 10/11/2012	

Sub Total: DC 12125 \$29,450.00 \$0.00 \$29,450.00

AFE Number: DC 12125

Well Name: Isabel 1-22 SWD

Code: 830-010

Amount: \$29,450.00

Co. Man: Lawrence Rogers

Man Sig: [Signature]

John Fortan
 Print Name
[Signature]
 Signature



SECTOR BOND TOOL

COMPANY SANDRIDGE ENERGY
 WELL ISABEL SWD 1-22
 FIELD UNNAMED
 CNTY GRAY STATE KS

COMPANY SANDRIDGE ENERGY
 WELL ISABEL SWD 1-22
 FIELD UNNAMED
 COUNTY GRAY STATE KANSAS

LOCATION:
 250' FSL & 200' FWL
 SEC.22 TWP.27S RGE29W

OTHER SERVICES:

PERM. DATUM G.L.
 LOG MEASURED FROM K.B. 12' FT. ABOVE PERMANENT DATUM
 DRILLING MEASURED FROM K.B.

ELEV. 2737
 ELEV.:K.B. 2749
 D.F. 2748
 G.L. 2737

DATE	23-NOV-2012				
RUN NO.	ONE				
DEPTH DRILLER	6305				
DEPTH LOGGER	6300				
BTM. LOG INTERVAL	6280				
TOP LOG INTERVAL	3500				
OPEN HOLE SIZE	8.75				
TYPE FLUID	WATER				
DENS.	8.3		0.00		
MAX. REC. TEMP. F	32				
EST. CEMENT TOP	3900				
TIME WELL READY	ON ARRIVAL				
TIME LOGGER ON BTM.	SEE LOG				
EQUIP. NO.	14123				
LOCATION	WOODWARD				
RECORDED BY	N. BOONE				
WITNESSED BY	ROBERT MATHEWS				
BOREHOLE RECORD		TUBING RECORD			
RUN NO.	BIT	FROM	TO	SIZE	WGT. FROM TO
CASING RECORD	SIZE	WT./FT	GRADE	TYPE JOINT	TOP BOTTOM
SURFACE STRING	9 5/8	36	J55	SURF	1521
PROD. STRING					
PROD. STRING	7	26		SURF	6305
LINER					

All interpretations of log data are opinions based on inferences from electrical or other measurements. We do not guarantee the accuracy or correctness of any interpretation or recommendation and we shall not be liable or responsible for any loss, cost, damages or expenses incurred or sustained by anyone resulting from any interpretation or recommendation made by any of our employees or agents.

REMARKS Rig: CRANE 15060 Service Order # 195544
 LOG CORRELATED TO DV TOOL AT 6279' BHT 32 °F
 ESTIMATED TOP OF CEMENT AT 3900'

Prints: 2

THANK YOU FOR USING WEATHERFORD WIRELINE (580-256-3888)

		EQUIPMENT DATA			
Bit Size	7.875	Run No.	Tool Type	Tool No.	Other
Well Status		1	GRBA	273	
Surface Pressure			SBTA	235	
Shut In	Flowing				

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
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

February 06, 2013

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

Re: ACO1
API 15-069-20401-00-00
Isabel SWD 2729 1-22
SW/4 Sec.22-27S-29W
Gray 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