





1256036

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
--	---

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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Current

Spud Date 12/24/2011

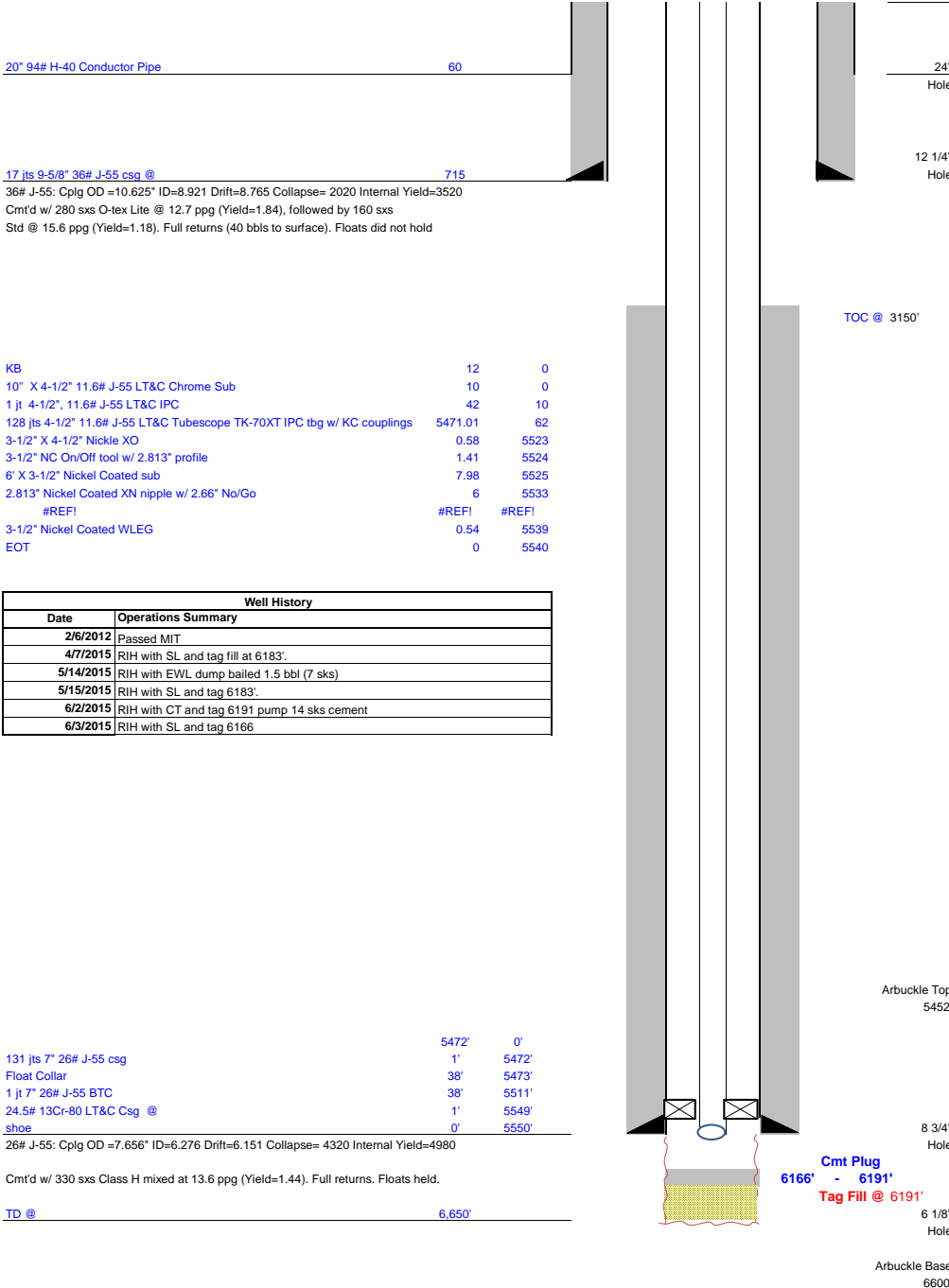
Field Stranathan  
 County Harper  
 State KS  
 Well **SUNNIE 1-16 SWD**  
 SH Location SEC 16, TWP 35S, RNG 6W  
 Elevations 1239' KB; 1227' GL

**Wellbore Schematic**

15-077-21779  
 API No.

Original Completion ()	
Current	X
Workover	
Proposed	

Well Bore Data      MD      TVD



Well History	
Date	Operations Summary
2/6/2012	Passed MIT
4/7/2015	RIH with SL and tag fill at 6183'.
5/14/2015	RIH with EWL dump bailed 1.5 bbl (7 sks)
5/15/2015	RIH with SL and tag 6183'.
6/2/2015	RIH with CT and tag 6191 pump 14 sks cement
6/3/2015	RIH with SL and tag 6166

Cmt Plug  
 6166' - 6191'  
 Tag Fill @ 6191'



# Daily Operations

## SUNNIE 1-16 SWD

123 Robert S. Kerr Ave.  
Oklahoma City, OK 73102

Report Date: 6/4/2015, Report # 4, DFS: 1,258.21

Corporate ID 120588	API No. 15077217790000	Operated? Yes	Operator SANDRIDGE EXPLORATION AND PRODUCTION LLC				Current Well Status SERVICE	Working Int (%) 72.738400	
Well Type DEVELOPMENT	Well Config SWD	Dual Completion? No	Division MIDCON	Subdivision DEVELOPMENT	State KS	County/Parish HARPER	District	Well Sub-Status SWD	NRI (%) .000000
Township 35	Twnshp N/S Dir S	Range 6	Range E/W Dir W	Section 16	Section Suf	Field Name STRANATHAN			

### Daily Operations

Report Start Date 6/3/2015 05:00	Report End Date 6/4/2015 05:00
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Operations at Report Time  
WSI

Operations Summary  
RIH w/ SL and tag cement plug @ 6166' w/ KCC Ken as witness. TOTP. FINAL REPORT.

Operations Next 24 Hours  
TOTP

### Daily Contacts

Job Contact
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### Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Iadc Code	Category	Dpth Start (ftKB)	Dpth End (ftKB)	Description
05:00	13:00	8.00	8.00					WSI
13:00	14:30	1.50	9.50					HSM JSA, MIRU Asher SLU, RIH w/ 1 5/8" SB, tag @ 6166' KB w/ KCC witness (Ken), POOH, RDMO SLU.
14:30	05:00	14.50	24.00					TOTP. FINAL REPORT.

## Summary of Changes

Lease Name and Number: Sunnie 1-16 SWD

API/Permit #: 15-077-21779-00-00

Doc ID: 1256036

Correction Number: 1

Approved By: NAOMI JAMES

Field Name	Previous Value	New Value
Amount of Surface Pipe Set and Cemented at	60	715
Approved Date	02/10/2012	06/25/2015
CasingSettingDepthPDF_2	714	715
Cementing Purpose Plug Back TD	No	Yes
CementingDepth1_PDF	-	6166-6191
CementingDepthBase1		6191
CementingDepthTop1		6166
Contractor Name	Lariat Services, Inc.	Lariat Services, Inc. dba Chaparral, Drilling, Fluids
Fracturing Question 1		No
Liner Run?		No

Summary of changes for correction 1 continued

Field Name	Previous Value	New Value
LocationInfoLink	<a href="https://solar.kgs.ku.edu/kcc/detail/locationInformation.cfm?section=16&amp;t">https://solar.kgs.ku.edu/kcc/detail/locationInformation.cfm?section=16&amp;t</a>	<a href="https://kolar.kgs.ku.edu/kcc/detail/locationInformation.cfm?section=16&amp;t">https://kolar.kgs.ku.edu/kcc/detail/locationInformation.cfm?section=16&amp;t</a>
Number Of Sacks Used for Cementing / Squeezing- Line 1		330
Operator's Contact Name	John-Mark Beaver	Tiffany Golay
Operator's Phone	429-5776	429-6543
Plug Back Total Depth		6166
Save Link	<a href="http://.../kcc/detail/operatorEditDetail.cfm?docID=1072162">../..kcc/detail/operatorEditDetail.cfm?docID=1072162</a>	<a href="http://.../kcc/detail/operatorEditDetail.cfm?docID=12560365452">../..kcc/detail/operatorEditDetail.cfm?docID=12560365452</a>
TopsDepth4		5452
TopsName4		Arbuckle
Tubing Record - Set At		5540
Tubing Size		4.5
Type Of Cement Used for Cementing / Squeezing - Line 1		Class H

## Summary of Attachments

Lease Name and Number: Sunnie 1-16 SWD

API: 15-077-21779-00-00

Doc ID: 1256036

Correction Number: 1

Attachment Name

WBD



**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
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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

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: \_\_\_\_\_



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 Geologist Report / Mud Logs <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				

1. Did you perform a hydraulic fracturing treatment on this well?  Yes  No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?  Yes  No *(If No, skip question 3)*
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)*

Date of first Production/Injection or Resumed Production/Injection:	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) (Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom
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Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:	
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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  
Ward Loyd, Commissioner  
Thomas E. Wright, Commissioner

Sam Brownback, Governor

January 19, 2012

John-Mark Beaver  
SandRidge Exploration and Production LLC  
123 ROBERT S. KERR AVE  
OKLAHOMA CITY, OK 73102-6406

Re: ACO1  
API 15-077-21779-00-00  
Sunnie 1-16 SWD  
SE/4 Sec.16-35S-06W  
Harper County, Kansas

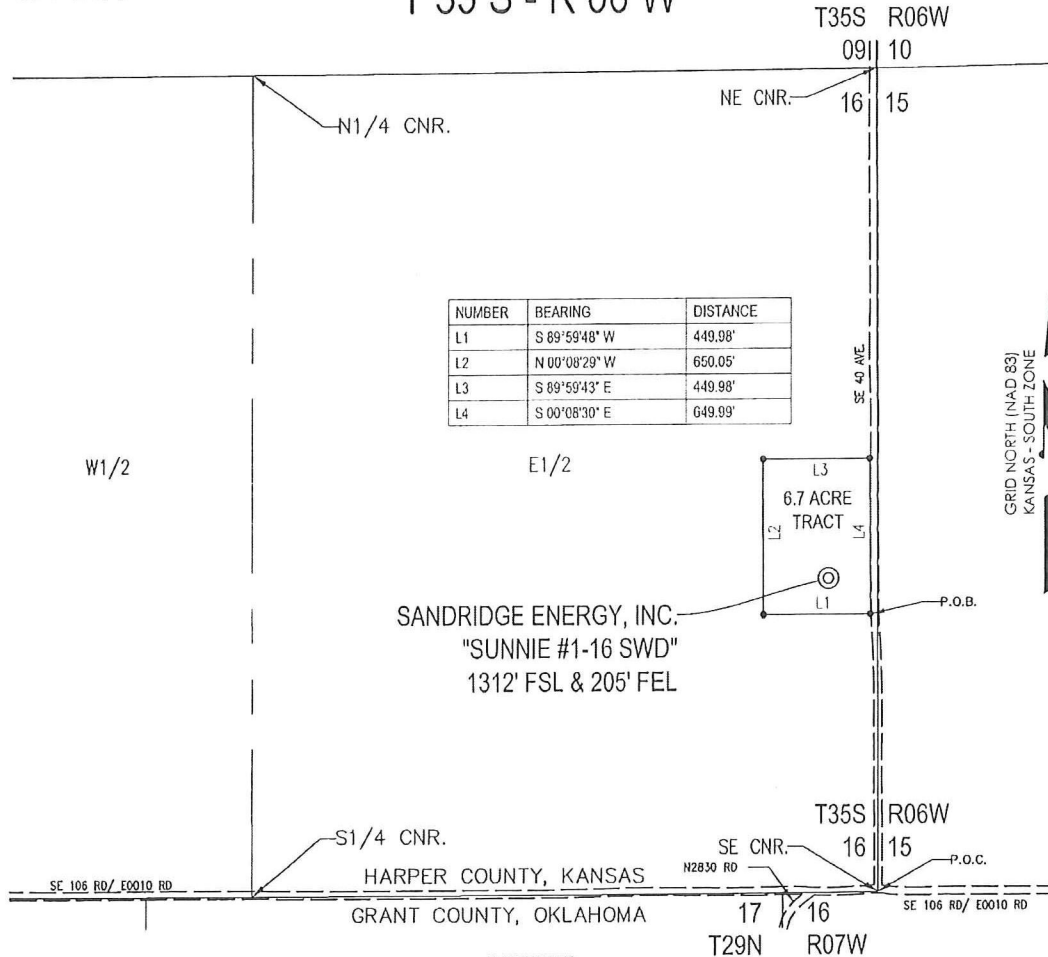
Dear Production Department:

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,  
John-Mark Beaver

T 35 S - R 06 W



NUMBER	BEARING	DISTANCE
L1	S 89°59'48" W	449.98'
L2	N 00°08'29" W	650.05'
L3	S 89°59'43" E	449.98'
L4	S 00°08'30" E	649.99'



PLAT SHOWING  
**6.7 ACRE TRACT OF LAND IN THE  
 E1/2 OF SECTION 16, T35S-R06W,  
 HARPER COUNTY, KANSAS**

**METES AND BOUNDS DESCRIPTION (6.7 ACRE TRACT)**

PART OF THE E1/2 OF SECTION 16, TOWNSHIP 35 SOUTH, RANGE 06 WEST, HARPER COUNTY, KANSAS, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE SE CORNER OF SAID SECTION 16;  
 THENCE N 00°05'58" W ALONG THE EAST LINE OF SAID SECTION 16, A DISTANCE OF 1161.37 FEET;  
 THENCE S 89°54'02" W, A DISTANCE OF 30.06 FEET TO THE POINT OF BEGINNING;  
 THENCE S 89°59'48" W, A DISTANCE OF 449.98 FEET;  
 THENCE N 00°08'29" W, A DISTANCE OF 650.05 FEET;  
 THENCE S 89°59'43" E, A DISTANCE OF 449.98 FEET;  
 THENCE S 00°08'30" E, A DISTANCE OF 649.99 FEET TO THE POINT OF BEGINNING.

SAID TRACT CONTAINING 6.7 ACRES OF LAND AS SURVEYED.

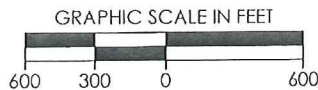
**SURVEYOR'S CERTIFICATE:**

I, C. ED GRAY, KANSAS LICENSED PROFESSIONAL LAND SURVEYOR, NO. 1404, DO HEREBY CERTIFY THAT THIS PLAT REPRESENTS THE RESULTS OF A SURVEY MADE ON THE GROUND UNDER MY SUPERVISION.

8/26/2011

**GENERAL NOTES:**

THE TIES AND FOOTAGES SHOWN ON THIS PLAT ARE FROM LINES OF OCCUPATION FROM A SURVEY MADE ON THE GROUND AND / OR BEARING AND DISTANCES FROM THE GENERAL LAND OFFICE PLAT OF THE AREA SHOWN AND MAY NOT BE THE ACTUAL PROPERTY CORNERS. THIS PLAT DOES NOT REPRESENT A TRUE BOUNDARY SURVEY.



REVISION	SandRidge		
	"SUNNIE #1-16 SWD" PART OF THE E1/2 OF SECTION 16, T-35-S, R-06-W PROPOSED DRILL SITE HARPER COUNTY, KANSAS		
	SCALE: 1" = 600'	DRAWN BY: S.ANDER	SHEET NO.: 1 OF 1
	PLOT DATE: 08-26-2011		



123 Robert S. Kerr Ave.  
Oklahoma City, OK 73102

## Survey

### SUNNIE 1-16 SWD

Step #1 - Create a Deviation Survey Step  
 #2 - Attach the survey "Description" to the Wellbore - Deviation Survey

**Wellbores - Step #2**

Actual Deviation Survey 316, Proposed? No	Wellbore Name Original Hole
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**Deviation Surveys - Step #1**

Description 316	Date 12/24/2011	VS Dir (°)	Comment
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**Tie-in Data**

Azimuth North Type	Convergence (°)	Declination (°)	MD Tie In (ftKB) 0.00	Azimuth Tie In (°)	Inclination Tie In (°)	TVDTie In (ftKB)	NSTie In (ft)	EWTie In (ft)
--------------------	-----------------	-----------------	--------------------------	--------------------	------------------------	------------------	---------------	---------------

**Survey Data**

MD (RKB)	Incl (°)	Azrn (°)	Survey Company	Method	TVD (ftKB)	VS (ft)	NS (ft)	EW (ft)	DLS (°/100ft)
316	0.8		TOM CAT	Gyro SS	316				
516	0.8		TOM CAT	Gyro SS	516				
715	0.8		TOM CAT	Gyro SS	715				
1,269	1.5		TOM CAT	Gyro SS	1,269				
1,773	2.3		TOM CAT	Gyro SS	1,773				
2,256	2.5		TOM CAT	Gyro SS	2,256				
2,756	1.0		TOM CAT	Gyro SS	2,756				
3,282	1.0		TOM CAT	Gyro SS	3,282				
3,763	1.8		TOM CAT	Gyro SS	3,763				



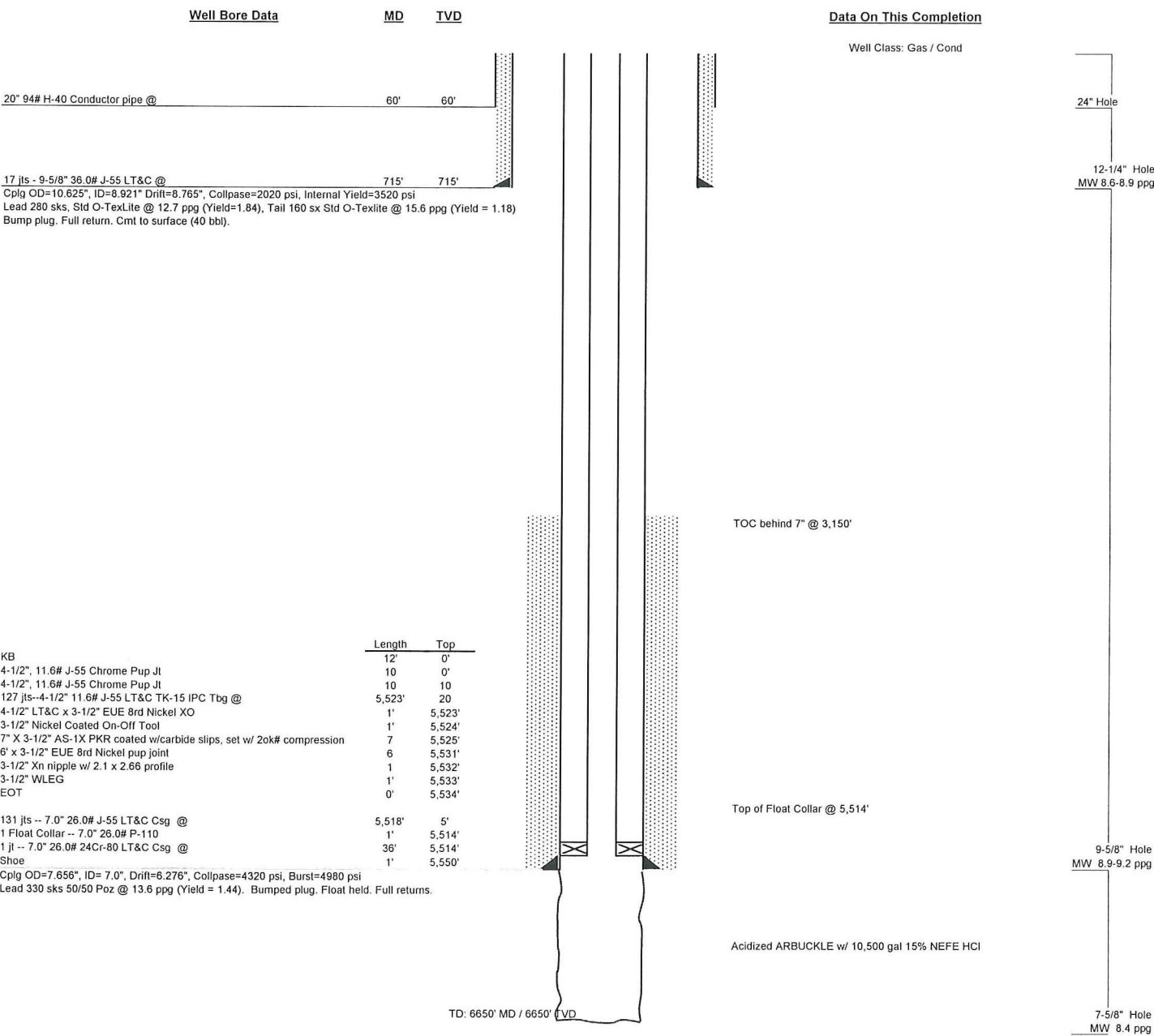
Current

Field                      Stranathan  
 County                   Harper  
 State                      Kansas  
 Well                        **Sunnie 1-16 SWD**  
 Location                SEC 16, TWP 35S, RGE 6W  
 KB                         1239  
 GL                         1227

**Wellbore Schematic**

15-077-21779  
 \_\_\_\_\_  
 API NO.

Original Completion	
Current	X
Proposed	







<b>JOB SUMMARY</b>			PROJECT NUMBER <b>SOK1079</b>	TICKET DATE <b>12/25/11</b>
COUNTY <b>Harper</b>	State <b>Kansas</b>	COMPANY <b>Sandridge Exp and Production</b>	CUSTOMER REP <b>David Montoya</b>	
LEASE NAME <b>Sunnie SWD</b>	Well No. <b>1-16</b>	JOB TYPE <b>Surface</b>	EMPLOYEE NAME <b>Matt Wilson</b>	

EMP NAME					
<b>Matt Wilson</b>					
David Settlemier					
David Thomas					
Johnny Breeze					

Form. Name \_\_\_\_\_ Type: \_\_\_\_\_  
 Packer Type \_\_\_\_\_ Set At \_\_\_\_\_ 0 \_\_\_\_\_  
 Bottom Hole Temp. \_\_\_\_\_ 80 \_\_\_\_\_ Pressure \_\_\_\_\_  
 Retainer Depth \_\_\_\_\_ Total Depth \_\_\_\_\_ 700' \_\_\_\_\_

Date	Called Out <b>12/24/2011</b>	On Location <b>12/24/2011</b>	Job Started <b>12/25/2011</b>	Job Completed <b>12/25/2011</b>
Time	<b>7:00pm</b>	<b>11:00pm</b>	<b>1:26 am</b>	<b>3:45 am</b>

Type and Size	Qty	Make
Auto Fill Tube	0	IR
Insert Float Va	0	IR
Centralizers	0	IR
Top Plug	1	IR
HEAD	1	IR
Limit clamp	0	IR
Weld-A	0	IR
Texas Pattern Guide Shoe	0	IR
Cement Basket	0	IR

Well Data						
New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing	36.0	9 5/8		Surface	715	1,500
Liner						
Liner						
Tubing		0				
Drill Pipe						
Open Hole			12 1/4	Surface	700'	Shots/Ft.
Perforations						
Perforations						
Perforations						

Materials			
Mud Type	WBM	Density	9 Lb/Gal
Disp. Fluid	Fresh Water	Density	8.33 Lb/Gal
Spacer type	Fresh Water BBL.		10 8.33
Spacer type	BBL.		
Acid Type	Gal.	%	
Acid Type	Gal.	%	
Surfactant	Gal.	In	
NE Agent	Gal.	In	
Fluid Loss	Gal/Lb	In	
Gelling Agent	Gal/Lb	In	
Fric. Red.	Gal/Lb	In	
MISC.	Gal/Lb	In	
Perfpac Balls	Qty.		
Other			
Other			
Other			
Other			

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
12/24	1.0	12/25	4.0	Surface
12/25	4.0			
Total	5.0	Total	4.0	

Pressures	
MAX	1,500 PSI
AVG.	150
Average Rates in BPM	
MAX	8 BPM
AVG	4
Cement Left in Pipe	
Feet	42
Reason	SHOE JOINT

Cement Data						
Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	280	O-Tex Lite Standard	(6%Gel) 2% Calcium Chloride - 1/4 lb/sk Cellflake - 0.5% C-41P	10.88	1.84	12.70
2	160	Standard	2% Calcium Chloride - 1/4 lb/sk Celloflake	5.20	1.18	15.60
3	100	Standard	2% Calcium Chloride on the side	5.20	1.18	15.60

Summary			
Preflush Breakdown	Type: _____	Preflush: BBI	10.00
	MAXIMUM 1,500 PSI	Load & Bkdn: Gal - BBI	N/A
	Lost Returns-# NO/FULL	Excess /Return BBI	
	Actual TOC SURFACE	Calc. TOC: SURFACE	52.00
Average	Bump Plug PSI: _____	Final Circ. PSI: 320	
ISIP 5 Min. _____	10 Min. _____	Cement Slurry - BBI	125.4
	15 Min. _____	Total Volume BBI	187.36

CUSTOMER REPRESENTATIVE  SIGNATURE





# Invoice

P.O. Box 1570  
Woodward, OK 73802

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

Date	Invoice #
12/15/2011	1174

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

<b>Ordered By</b>	<b>Terms</b>	<b>Date of Service</b>	<b>Lease Name/Legal Desc.</b>	<b>Drilling Rig</b>
Joe	Net 60	12/15/2011	Sunny 1-16 SWD, Harper Cnty, KS	Tomcat 3

Item	Quantity	Description	
Conductor Hole	90	Drilled 90 ft. conductor hole	
20" Pipe	90	Furnished 90 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	20	Furnished 20 ft. of mouse hole pipe	
Cellar Hole	1	Drilled 6' X 6' cellar hole	
6' X 6' Tinhorn	1	Furnished and set 6' x 6' tinhorn	
Mud and Water	1	Furnished mud and water	
Transport Truck - Conductor	1	Transport mud and water to location	
Grout & Trucking	11	Furnished 11 yards of 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	Cover Plate	
Permits	1	Permits	
			<b>Subtotal</b> \$15,950.00
			<b>Sales Tax (0.0%)</b> \$0.00
			<b>Total</b> \$15,950.00

Logo

Back to Well Completion

## Sunnie 1-16 SWD (1072162)

### Actions

View PDF
Delete
Edit
Certify & Submit
Request Confidentiality

### Attachments

Two Year Confidentiality OPERATOR	View PDF Delete
Plat OPERATOR	View PDF Delete
Survey OPERATOR	View PDF Delete
Wellbore Diagram OPERATOR	View PDF Delete
Cementing Data OPERATOR	View PDF Delete

Add Attachment

### Remarks

Remarks to KCC

Add Remark

### Remarks

Tiffany Golay 02/08/012 08:52 am	Fluid Mgmt: Hauled out of KS to OK for disposal. Unknown lease name and number. Fluid volume= 13200 bbs. Twp: 22N
Tiffany Golay 02/06/012 02:31 pm	Cementing Data: 11 yards of grout were used by Mid-Continent Conductor, LLC to set Conductor- sacks were not tracked. Weight for conductor is 94 lb/ft