CORRECTION #1

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 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 #			API No. 15
Name:			Spot Description:
Address 1:			Sec TwpS. R
Address 2:			Feet from North / South Line of Section
City: Sta	ate: Zi	p:+	Feet from East / West Line of Section
Contact Person:			Footages Calculated from Nearest Outside Section Corner:
Phone: ()			□ NE □ NW □ SE □ SW
CONTRACTOR: License #			GPS Location: Lat:, Long:
Name:			(e.g. xx.xxxxx) (e.gxxx.xxxxxx)
Wellsite Geologist:			Datum: NAD27 NAD83 WGS84
Purchaser:			County:
Designate Type of Completion:			Lease Name: Well #:
New Well Re-l	Entry	Workover	Field Name:
			Producing Formation:
☐ Oil         ☐ WSW         ☐ SWD         ☐ SIOW           ☐ Gas         ☐ D&A         ☐ ENHR         ☐ SIGW           ☐ OG         ☐ GSW         ☐ Temp.			Elevation: Ground: Kelly Bushing:
		Temp. Abd.	Total Vertical Depth: Plug Back Total Depth:
CM (Coal Bed Methane)	d3vv	remp. Abu.	Amount of Surface Pipe Set and Cemented at: Fee
Cathodic Other (Core,	. Expl., etc.);		Multiple Stage Cementing Collar Used? Yes No
If Workover/Re-entry: Old Well Info			If yes, show depth set: Feet
Operator:			If Alternate II completion, cement circulated from:
Well Name:			feet depth to:w/sx cmt
Original Comp. Date:			·
Deepening Re-perf.	Conv. to E	NHR Conv. to SWD	Drilling Fluid Management Plan
☐ Plug Back	Conv. to G	SW Conv. to Producer	(Data must be collected from the Reserve Pit)
O constituents at	D		Chloride content: ppm Fluid volume: bbls
<ul><li>Commingled</li><li>Dual Completion</li></ul>			Dewatering method used:
SWD			Location of fluid disposal if hauled offsite:
☐ ENHR			Location of hala disposal in fladica offsite.
☐ GSW			Operator Name:
_			Lease Name: License #:
Spud Date or Date Read	ched TD	Completion Date or	QuarterSecTwpS. R East Wes
Recompletion Date Reached 1D Completion Date			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 Approved by: Date:

1087413 CORRECTION #1

Operator Name:				Lease N	Name: _			Well #:		
Sec Twp	S. R	East	West	County	:					
INSTRUCTIONS: Shopen and closed, flow and flow rates if gas to	ring and shut-in pres o surface test, along	sures, whethe with final cha	er shut-in pre art(s). Attach	essure reac n extra shee	hed stati t if more	c level, hydrosta space is neede	itic pressures, bot d.	tom hole temp	erature, fluid re	ecovery,
Final Radioactivity Lo files must be submitte						ogs must be ema	ailed to kcc-well-lo	gs@kcc.ks.go	v. Digital electr	ronic log
Drill Stem Tests Taker (Attach Additional		Yes	☐ No				on (Top), Depth ar		Sampl	
Samples Sent to Geo	logical Survey	Yes	□No		Nam	е		Тор	Datum	1
Cores Taken Electric Log Run		☐ Yes ☐ Yes	☐ No ☐ No							
List All E. Logs Run:										
				RECORD	Ne					
	2	1				ermediate, product		T	I	
Purpose of String	Size Hole Drilled		Casing n O.D.)	Weig Lbs. /		Setting Depth	Type of Cement	# Sacks Used	Type and Pe Additive	
			ADDITIONAL	CEMENTIN	NG / SQL	JEEZE RECORD				
Purpose:	Depth Top Bottom	Type of	Cement	# Sacks	Used		Type and F	ercent Additives		
Perforate Protect Casing	100 20111111									
Plug Back TD Plug Off Zone										
1 lug 0 li 20 lio										
Did you perform a hydrau	ulic fracturing treatment	on this well?				Yes	No (If No, ski	ip questions 2 ar	nd 3)	
Does the volume of the t							= :	p question 3)		
Was the hydraulic fractur	ring treatment information	on submitted to	the chemical	disclosure re	gistry?	Yes	No (If No, fill	out Page Three	of the ACO-1)	
Shots Per Foot		ION RECORD Footage of Eac					cture, Shot, Cement			epth
	open,					,,				
TUBING RECORD:	Size:	Set At:		Packer A	t:	Liner Run:				
							Yes No			
Date of First, Resumed	Production, SWD or Ef	NHR.   F	Producing Met	hod: Pumpin	a	Gas Lift 0	Other (Explain)			
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Wat			Gas-Oil Ratio	Gra	avity
	1									
	ON OF GAS:		en Hole	METHOD OF			mmingled	PRODUCTION	ON INTERVAL:	ļ
Vented Solo	I Used on Lease bmit ACO-18.)		en noie _	Perf.	(Submit		mmingled mit ACO-4)			

Form	ACO1 - Well Completion			
Operator	SandRidge Exploration and Production LLC			
Well Name	Murphy 1-7H			
Doc ID	1087413			

## Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
5	9013-9310	4327 bbls water, 36 bbls acid, 75M lbs sd, 4263 TLTR	
5	8658-8950	4226 bbls water, 36 bbls acid, 76M lbs sd, 8745 TLTR	
5	8260-8592	4506 bbls water, 36 bbls acid, 75M lbs sd, 13390 TLTR	
5	7907-8204	4204 bbls water, 36 bbls acid, 75M lbs sd, 17714 TLTR	
5	7538-7835	4141 bbls wagter, 36 bbls acid, 75 lbs sd, 21958 TLTR	
5	7186-7480	4201 bbls water, 36 bbls acid, 75M lbs sd, 2691 TLTR	
5	6851-7097	4330 bbls wtaqer, 36 bbls acid, 75M lbs sd, 30657 TLTR	
5	6431-6728	4228 bbls water, 36 bbls acid, 75M lbs sd, 34956 TLTR	
5	6063-6340	4186 bbls water, 36 bbls acid, 75M lbs sd, 39871 TLTR	
5	5694-5986	4177 bbls water, 36 bbls acid, 74M lbs sd, 44106 TLTR	

Form	ACO1 - Well Completion	
Operator	SandRidge Exploration and Production LLC	
Well Name	Murphy 1-7H	
Doc ID	1087413	

## Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
5		4274 bbls water, 36 bbls acid, 74M lbs sd, 48390 TLTR	

Form	ACO1 - Well Completion		
Operator	SandRidge Exploration and Production LLC		
Well Name	Murphy 1-7H		
Doc ID	1087413		

# 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	24	20	75	110	Express Grout	16	none
Surface	12.25	9.63	36	833	O-Tex Lite Standard/ Standard	560	(6% Gel) 2% Calcium Chloride, 1/4 pps Cello- Flake, .5% C-41P
Intermedia te	8.75	7	26	5520	50/50 Pox Premium/ Premium	300	4% Gel, .4% C-12, .1% C-37, .5% C- 41P, 2 lb/sk Phenoseal
Liner	6.12	4.5	11.6	9415	50/50 Premium Poz	475	(4% Gel) .4% C12, .1% C37, .5% C- 41P, 2 lb/sk Phenoseal

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/

Sam Brownback, Governor

Mark Sievers, Chairman Ward Loyd, Commissioner Thomas E. Wright, Commissioner

July 16, 2012

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

Re: ACO1 API 15-033-21616-01-00 Murphy 1-7H NE/4 Sec.07-31S-19W Comanche 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, Tiffany Golay

## **Summary of Changes**

Lease Name and Number: Murphy 1-7H

API/Permit #: 15-033-21616-01-00

Doc ID: 1087413

Correction Number: 1

Approved By: NAOMI JAMES

Field Name	Previous Value	New Value
Approved Date	07/12/2012	07/16/2012
Fluid Mngmt - County	Comanche	Ellis, OK
Fluid Mngmt - Lease Name	Dixie SWD 1-25	Dixie
Fluid Mngmt - Operator License	34192	99999
Fluid Mngmt - Operator Name	SandRidge Energy LLC	WEst OK Disposal
Fluid Mngmt - Permit	D-30872	133191
Fluid Mngmt - Range	20	23
Fluid Mngmt - Section	25	23
Fluid Mngmt - Township	31	22
Save Link	//kcc/detail/operatorE ditDetail.cfm?docID=10 76338	//kcc/detail/operatorE ditDetail.cfm?docID=10 87413

## **Summary of Attachments**

Lease Name and Number: Murphy 1-7H

API: 15-033-21616-01-00

Doc ID: 1087413

Correction Number: 1

**Attachment Name** 

Two Year Confidentiality



Kansas Corporation Commission Oil & Gas Conservation Division CONFIDENTIAL

Form ACO-1 June 2009 Form Must Be Typed Form must be Signed All blanks must be Filled

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

OPERATOR: License #	API No. 15
Name:	Spot Description:
Address 1:	SecTwpS. R
Address 2:	Feet from North / South Line of Section
City: State: Zip:+	Feet from East / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	□NE □NW □SE □SW
CONTRACTOR: License #	County:
Name:	Lease Name: Well #:
Wellsite Geologist:	Field Name:
Purchaser:	Producing Formation:
Designate Type of Completion:	Elevation: Ground: Kelly Bushing:
New Well Re-Entry Workover	Total Depth: Plug Back Total Depth:
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:	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: sx cmt
Operator:	Drilling Fluid Management Plan
Well Name:	(Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth:  Deepening Re-perf. Conv. to ENHR Conv. to SWD  Conv. to GSW  Plug Back: Plug Back Total Depth	Chloride content: ppm Fluid volume: bbls  Dewatering method used:  Location of fluid disposal if hauled offsite:
Commingled Permit #:	·
Dual Completion Permit #:	Operator Name:
SWD Permit #:	Lease Name: License #:
■ ENHR         Permit #:	Quarter Sec TwpS. R East Wes
GSW Permit #:	County: Permit #:
Spud Date or Date Reached TD Completion Date or Recompletion Date Recompletion Date	

### **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:

Side Two



Operator Name: \_ Lease Name: \_ \_ Well #: \_ County: \_ INSTRUCTIONS: Show important tops and base 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. Attach complete copy of all Electric Wireline Logs surveyed. Attach final geological well site report. **Drill Stem Tests Taken** Yes No Log Formation (Top), Depth and Datum Sample (Attach Additional Sheets) Name Top Datum Samples Sent to Geological Survey ☐ Yes □ No Cores Taken Yes No Electric Log Run Electric Log Submitted Electronically Yes No (If no, Submit Copy) List All E. Logs Run: CASING RECORD Used New Report all strings set-conductor, surface, intermediate, production, etc. Size Hole Size Casing Weight # Sacks Type and Percent Type of Purpose of String Drilled Set (In O.D.) Lbs. / Ft. Additives Depth Cement Used ADDITIONAL CEMENTING / SQUEEZE RECORD Purpose: Depth Type of Cement # Sacks Used Type and Percent Additives Top Bottom Perforate **Protect Casing** Plug Back TD Plug Off Zone PERFORATION RECORD - Bridge Plugs Set/Type Acid, Fracture, Shot, Cement Squeeze Record Shots Per Foot Specify Footage of Each Interval Perforated (Amount and Kind of Material Used) Depth TUBING RECORD: Size: Set At: Packer At: Liner Run: No Yes Producing Method: Date of First, Resumed Production, SWD or ENHR. Pumping Gas Lift Other (Explain) Flowing **Estimated Production** Bbls. Water Bbls. Gas-Oil Ratio Oil Gas Mcf Gravity Per 24 Hours **DISPOSITION OF GAS:** METHOD OF COMPLETION: PRODUCTION INTERVAL: Open Hole Dually Comp. Perf. Commingled Vented Sold Used on Lease (Submit ACO-5) (Submit ACO-4) (If vented, Submit ACO-18.) Other (Specify)

Form	ACO1 - Well Completion
Operator	SandRidge Exploration and Production LLC
Well Name	Murphy 1-7H
Doc ID	1076338

## Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
5	9013-9310	4327 bbls water, 36 bbls acid, 75M lbs sd, 4263 TLTR	
5	8658-8950	4226 bbls water, 36 bbls acid, 76M lbs sd, 8745 TLTR	
5	8260-8592	4506 bbls water, 36 bbls acid, 75M lbs sd, 13390 TLTR	
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5	5694-5986	4177 bbls water, 36 bbls acid, 74M lbs sd, 44106 TLTR	

Form	ACO1 - Well Completion
Operator	SandRidge Exploration and Production LLC
Well Name	Murphy 1-7H
Doc ID	1076338

# Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Tyep and Percent Additives
Conductor	24	20	75	110	Express Grout	16	none
Surface	12.25	9.63	36	833	O-Tex Lite Standard/ Standard	560	(6% Gel) 2% Calcium Chloride, 1/4 pps Cello- Flake, .5% C-41P
Intermedia te	8.75	7	26	5520	50/50 Pox Premium/ Premium	300	4% Gel, .4% C-12, .1% C-37, .5% C- 41P, 2 lb/sk Phenoseal
Liner	6.12	4.5	11.6	9415	50/50 Premium Poz	475	(4% Gel) .4% C12, .1% C37, .5% C- 41P, 2 lb/sk Phenoseal

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/

Sam Brownback, Governor

Mark Sievers, Chairman Ward Loyd, Commissioner Thomas E. Wright, Commissioner

April 19, 2012

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

Re: ACO1 API 15-033-21616-01-00 Murphy 1-7H NE/4 Sec.07-31S-19W Comanche 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, Tiffany Golay

# EXPRESS ENERGY SERVICES. INVOICE PRICE SHEET

Pate: 16-Mar		and the state of t	Jo	ob Ticke	et#_	33	
Company Name:	Sandridge						
Lease Name:	Murphy # 1-7 H						
Legal Description:							
City / County / State:	Coldwater / Comma	nche / Ka	ansas	من خور در المعادد المع	-		
Company Rep:	Jason						
Drilling Rig:	Lariate # 45						
Drill Conductor Hole RHD-	029 130 ft of 30 inc	ch hole @ .	\$60.00	per ft		\$7,800.00	
Conductor Pipe RJM-16	9 <u>4 130</u> ft of <u>20</u> inc	:h @ .	\$55.00	per ft	= _	\$7,150.00	Tx >
Drill Rat Hole	ft of inc	ch hole @		per ft	= _	0.00	
Rat Hole Casing	ft of inc	h @ _		per ft	= ;	0.00	Tx
Drill Mouse Hole RHD-03	32 75 ft of 20 inc	ch hole @	\$35.00	per ft	= _	2625.00	
Mouse Hole Casing RIM						1875.00	TX
Drill Cellar RJm-112		1				600.00	
Cellar RJM-130	6 ft of72 inc	h @.	\$125.00	per ft		750.00	Tx )
Rock Time	S D 3000						
"Dirt Removal ₹	SP-300				_	100.00	
ce Conductor Pipe R	HO-013					1500.00	
Place MH P	240-014				_	1250.00	
Place Shucks							
Weld Pipe						Service State of the service of the	
Cover Plates for pipe RJM	1-120 3 @ 150 ea	ich		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		450.00	Tx
Cement Hauling					_	250.00	
Grout RJM-116	16 yds	@	200	per yd		3200.00	ix)
Cement Pumping	RJI-113					2500.00	
2" nipple & ballvalve	@ <u>250</u> ea	ach				0.00	
Mud Disposal					-		
Backhoe Services		REUSUSUSUS	A # A B # # # A & & A & B	********		The state of the s	
TOTAL SERVICES	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		# # # # # # # # # # # # # # # # # # #	******	-		
TOTAL TAXABLE MATERI	IALS						
	State Cal-	Tav	0.00000/			00.00	
	State Sales County Sale		0.0000%		-	\$0.00 \$0.00	

J	OB SUM	MAR	Y			SOK	ER (1385	Tic	KEI DATE	04/15/12		
						CUSTOMER REP				- 11 10/11		
Comanche Kansas	dridge Explor	ation & I	roc	duc		Jessie New						
Murphy 1-7H	Surfac	e					Robert I	Burr	urris			
EMP NAME												
Robert Burris 0												
Arthur Setzar												
Larry Kirchner Sr.												
Emmit Brock												
Form. NameType:			0-11			Io. I		1.0				
Packer Type Set A	0	Date		led Out 4/17/2012	,	On Location 4/17/2			tarted 17/2012		mpleted 18/2012	
Bottom Hole Temp. 80 Press		Butto		.,		"	1	••	1112012		10/2012	
Retainer DepthTotal	Depth 833	Time		01:30		04:30		1	0:50	08	3:00	
Tools and Accessori						Well D						
Type and Size Qty	Make	<u> </u>		New/U	sed		Size Grad		From	To	Max. Allow	
Auto Fill Tube 0	IR ID	Casing				36#	9 5/8"	- -	Surface	833	1,500	
Insert Float Val 0 Centralizers 0	IR IR	Liner Liner	_			-		+				
Top Plug 0	IR I	Tubing	_	+		-	0	+				
HEAD 0	İR	Drill Pir				<del>                                     </del>	-	+	-			
Limit clamp 0	İR	Open F					12 1/4"	- 5	Surface	838	Shots/Ft.	
Weld-A 0	İR	Perfora		3							Ondian t.	
Texas Pattern Guide Shoe 0	IR	Perfora										
Cement Basket 0	IR	Perfora						工				
Mud Type WBM Density	9 Lb/Gal	Hours C	on L	ocation Hours	7	Operating	Hours	_	Descrip	tion of Job		
Disp. Fluid Fresh Water Density	8.33 Lb/Gal	Date 4/17		27.0	1	<u>Date</u> 4/18	Hours <b>20.5</b>	-	Surface			
Spacer type resh Wate BBL. 10	8.33		$\dashv$		1	17.10	20.0	-				
Spacer typeBBL			$\neg$		1			7				
Acid Type Gal	%				]							
Acid Type Gal	_%		-		4							
Surfactant Gal.  NE Agent Gal.	In		$\rightarrow$		-			-				
Fluid Loss Gal/Lb	_in		$\dashv$		1			-				
Gelling Agent Gal/Lb	In		$\neg$		1			-				
Fric. Red. Gal/Lb	_In				1							
MISC. Gal/Lb	_In	Total	L	27.0		Total	20.5	$\Box$				
Perfpac BallsQty.						D.,						
Other		MAX		1,500 PSI		AVG.	ssures 300					
Other		IVIAA		1,000101		Average I						
Other		MAX	3	8 BPM		AVG	6					
Other							Left in Pi					
Other		Feet		48		Reason	SHOE JO	DINT				
Oberes [Octobal]				nt Data					1 1110			
Stage Sacks Cement  1 280 O-TEX Lite Standard	(6% Gel) 2% Calc	Additives		1/Anne Co	llo-F	lake - 50/ C	./1D		W/Rq. 10.88		Lbs/Gal	
2 180 Standard	2% Calcium Chlo					IERE - ,0 % C	711		5.20	1.84	12.70 15.60	
3 100 Standard	2% Calcium Chlo					arv			5.20	1.18	15.60	
								-	T	11.15	10.00	
		Sum							-			
Preflush Type:		WAN BAT		Preflush:		BBI	10.00		Type:	Fresh		
Breakdown MAXIN		,500 PSI NO/FULL		_oad & Bk Excess /R		Gal - BBI	N/A 0		Pad:Bbl	-Gal	N/A	
Cost R		URFACE		calc. TOC		וסטו .	SURFA	CE	Calc.Dis Actual D		60.00	
Average Bump	Plua PSI:	1,000	-F	Final Circ.		PSI:	450		Disp:Bbl		20.00	
ISIP5 Min10 Min		in	=	Cement SI		BBI [	180.0		1			
-				Total Volur	ne	BBI	250.0	U				
OLIOTOMED DEDDESCRIPTOR	\ (F											
CUSTOMER REPRESENTATI	VE					SIGNATURE						

JOE		SOK1413 04/23/12				
	B SUMMARY  dge Exploration & Produc	CUSTOMER REP JESSIE NE	:w			
		EMPLOYEENAME	4 V V			
MURPHY 1-7H	Intermediate	Matt Wil	son			
EMP NAME			7			
Matt Wilson 0						
Jayson Pierce						
David Thomas Thomas Walker						
Tomas						
	Called Out	On Location Jo 12 4/24/2012	b Started Job Com 4/24/2012 4/24/	pleted /2012		
Packer Type Set At	0 Date 4/24/20	12 4/24/2012	9/29/2012 7/29/	12012		
Retainer Depth 165 Pressure Total Depth	h 5,526' Time 12:00		12:51 pm 3:00	0 pm		
Tools and Accessories		Well Data	From To N	Max, Allow		
	Make New Casing	Used Weight Size Grade 26# 7"	Surface 5,520	5,000		
Auto Fill Tube 0 Insert Float Val 0	IR Liner					
Centralizers 0	IR Liner					
Top Plug 1	IR Tubing	0				
HEAD 1	IR Drill Pipe Open Hole	8 3/4"	Surface 5,520	Shots/Ft.		
Limit clamp 0 Weld-A 0	R Open Hole Perforations			01/01017 11		
Texas Pattern Guide Shoe 0	IR Perforations					
Cement Basket 0	IR Perforations Hours On Location	Operating Hours	Description of Job			
Mud Type WBM Density 9	Lb/Gall Date Hours	Operating Hours Date Hours 4/24 4.0	Intermediate			
Disp Fluid Fresh Water Density 8.33	3 Lb/Gal 4/24 6.0	4/24 4.0	- Intermediate			
Spacer type resh Wate BBL. 20 Spacer type Caustic BBL. 10	8,33					
Acid Type Gal. %						
Acid Type Gal%						
Surfactant Gal. In In Gal. In In						
Fluid Loss Gal/Lb In						
Gelling Agent Gal/Lb In						
Fric. Red. Gal/Lb In In In In In In In In In In In In In	Total 6.0	Total 4.0	-			
Perfpac BallsQty	MAX 5,000 F	Pressures SI AVG. 200				
Other Other		Average Rates in B	PM			
Other		AVG 5				
Other	Feet 90	Cement Left in Pig Reason SHOE JC	DE NINT			
Other	reet 50	Keason Onor oc	711/1			
	Cement Data					
Stage Sacks Cement	Additives	4	W/Rq. Yield	Lbs/Gal		
	6 Gel - 0.4% C-12 - 0.1% C-37 - 0.5% C	-41P - 2 lb/sk Phenoseal	6.77 1.44 5.20 1.18	13.60 15.60		
2 100 Premium 0.4 3 0 0	3% C-12 - 0.1% C-37		0 0.00 0.00	0.00		
	Summary	r BBI 20.00	Type: Fresh V	Mater		
Preflush 10 Type:  Breakdown MAXIMUM	Gaustic Preflusi 5,000 PSI Load &	n: BBI 20.00 Bkdn: Gal - BBI N/A	Type: Fresh V Pad:Bbl -Gal	N/A		
BreakdownMAXIMUM Lost Return	ns-N NO/FULL Excess	/Return BBI N/A	Calc.Disp Bbl	208		
Actual TOO		OC: 4,000 rc. PSI: 680	Actual Disp. Disp: Bbl	208.00		
Average Bump Plus		Slurry: BBI 80.0				
	Total Ve	olume BBI 308,0	0			
ALIGHOLDER PROPERTY ATT IP	( h					
CUSTOMER REPRESENTATIVE	7/11	SIGNATURE				
	////					

TICKET DATE

INCOME NOWBER

	JOB SUMN	IAR'	Y		PROJECTNOME	ER (1428	TIC	04/30/12			
	na dridge Explora	ation &	ro	auc	Claude Hallmark						
Murphy 1-7F						arles S <sub>l</sub>	orac	klen			
Charles Spracklen	0.00										
Bryan Douglas	0.00						+				
Emmit Brock			-				+				
Larry Kirchner Jr.							+				
	e:										
			Cal	led Out	On Location	n J		tarted		mpleted	
	At 5,520'	Date		4/30/2012	4/30/2	012	4/	/30/2012	4/3	0/2012	
Retainer Depth Total	ssure	Time		02:30	08:00		1	11:00	10	2:00	
Tools and Accesso	ories	Time		02.00	Well D			11.00	1 12	00	
Type and Size Qty	Make			New/Used		Size Grad	de	From	То	Max. Allow	
Auto Fill Tube 0	Weatherford	Casing			11.6	4 1/2		5192	9,415'	3,500	
Insert Float Val 0 Centralizers 0		Liner T						5,192	5,192	3,500	
Top Plug 0		HWDP Drill Pir				3 1/2"		4,252 Surface	5,192 4,252	3,500 3,500	
HEAD 0		Drill Co				0 1/2	+	Juriace	4,202	3,500	
Limit clamp 0		Open H				6 1/8"	5	Surface	9,415'	Shots/Ft.	
Weld-A 0		Perfora									
Texas Pattern Guide Shoe 0 Cement Basket 0		Perfora Perfora					4				
Materials				ocation	Operating	Hours		Descrip	tion of Job		
Mud Type WBM Density	9.1 Lb/Gal	Date	2	Hours	Date	Hours		Liner	UOIT OF JOD		
Disp. Fluid Fresh Water Density Spacer type resh Wate BBL. 20		4/30			4/30		4	Linei			
Spacer type Caustic BBL. 10	8.40		$\dashv$				$\dashv$				
Acid Type Gal	%										
Acid Type Gal. Surfactant Gal.	%		_				1				
Surfactant Gal.  NE Agent Gal.	In		$\dashv$				-				
Fluid Loss Gal/Lb	In		7				$\dashv$				
Gelling Agent Gal/Lb	ln						7				
Fric. Red Gal/Lb MISC Gal/Lb	in i	Total	$\dashv$	0.0	Tabl	0.0	7				
Management of the Company of the Com		Total	L	0.0	Total	0.0	_				
Perfpac BallsQty.					Pre	essures					
Other		MAX		5100	AVG.	850					
Other		MAX		5.5	Average I	Rates in B	PM				
Other		IVIAA	-	0.0	AVG	Left in Pir	10				
Other		Feet		82	Reason						
	-			nt Data		-					
Stage         Sacks         Cement           1         475         50/50 Premium Poz	(4%Gel)4% C12	Additive	5	E0/ C 44D C 1	LICI. DI			W/Rq.		Lbs/Gal	
2 0 0 0	(476Ger)4% C12	1% 63/	- U.	5% U-41P - 2L	.D/SK Phenos	seal	0	6.77	0.00	13.60	
3 0 0			- 3.5				0		0.00	0.00	
								-	0.00	0.00	
Preflush 10- Type		Sun ustic	nma	ry Draffinals	DDI 1	AK KA		7-	_		
		500 PSI		Preflush: Load & Bkdn:	BBI   Gal - BBI	20.00 N/A		Type: Pad:Bbl	Fresh	Water N/A	
Lost	Returns-N N	O/FULL		Excess /Return		N/A		Calc.Dis	p Bbl	115	
	al TOC p Plug PSI:	4,693'		Calc. TOC: Final Circ.	PSI:	4,693 715		Actual D	isp.	115.00	
ISIP5 Min10 M		1		Cement Slurry	: BBI	121.8		Disp:Bbl			
				Total Volume	вы	256.83		-			
		-									
CUCTOMED DEDDESS TO	ED 45										
CUSTOMER REPRESENTA	IIVE				SIGNATURE						
			_		CICINATORE						

# **American Measurement Services**

### A Limited Liability Company Ames, Oklahoma

Station Number:

KS03R0035

Producer:

SANDRIDGE ENERGY

Lease:

MURPHY 1-7H

Sample Pressure: Sample Temperature: 89.0 77.0

Cylinder Number:

7902

Analysis By:

AMS

Date Sampled:

5/23/2012

Analysis Run Date:

5/23/2012

Gas Components	Mole Percent	GPM
Methane	86.202	
Ethane	4.214	1.1202
Propane	1.356	0.3713
<i>IButane</i>	0.315	0.1024
NButane	0.537	0.1682
IPentan	0.208	0.0756
NPentan	0.177	0.0636
C6 +	0.416	0.1805
Nitrogen	6.357	
CO2	0.219	
	100.00%	2.0817

BTU @ 14.65 @ 60 F - Real		Gasoline Content
Dry	1043.1	
Wet	1024.8	Propane And Heavier 0.961
		Butane And Heavier 0.5903
Specific Gravity - Real	0.6481	Pentane And Heavier 0.3193
Z =	0.9976	

H2S Field Test:

PPM

Field Remarks:

Analysis Based Upon GPA 2145, 2172, And 2261

# **DIRECTIONAL SURVEY CALCULATION**

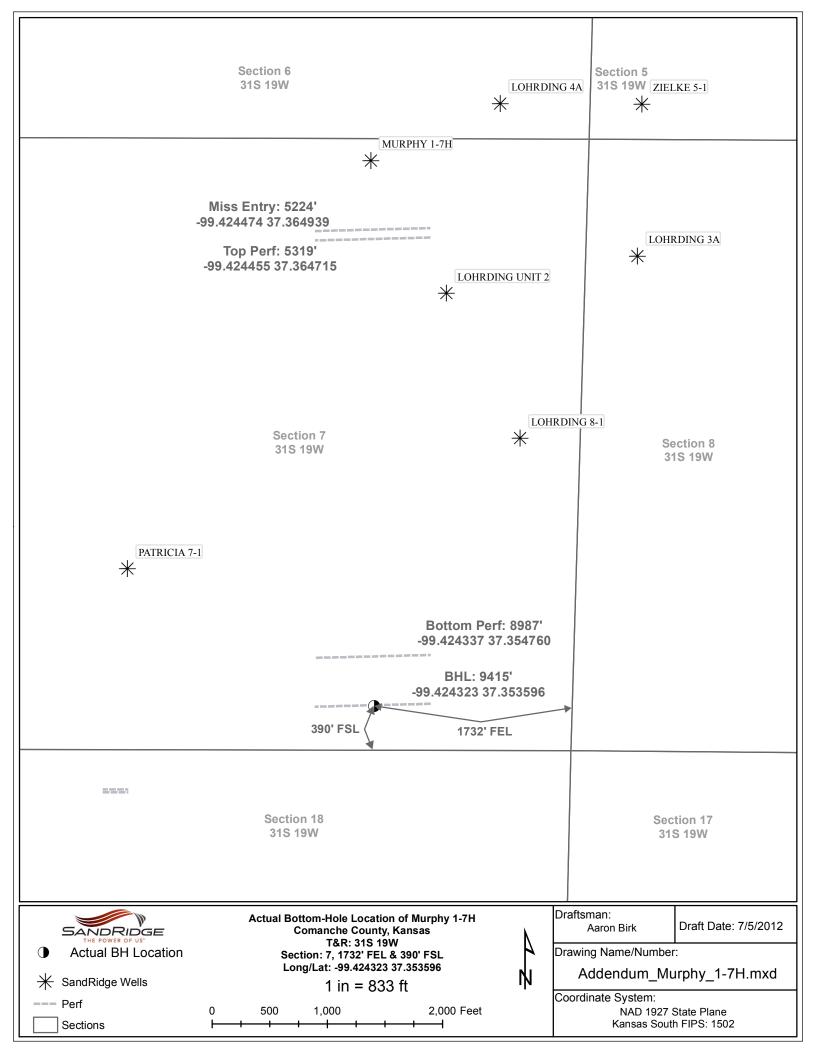
### MINIMUM CURVATURE METHOD

Murphy 1-7H   181.30   Coordinate   Type of Survey   Tie-in Point   Directional Co.	1 °/100 ft  OINT >> 5 23.32 6 -11.08 8 -4.47 3 6.69 8 -6.81 1 9.77 3 -6.86 1 -75.63 4 281.94 3 153.44 8 -6.13 0 -9.38
Meaured Depth         Hole Angle         Hole Direction         Course Length         True Vertical Depth         Vertical Section         Total Coordinate N + / S - E + / W - Severity         Dogleg %/100 ft           0         0         0         0         0.00         0.00         0.00         0.00         0.00         0.01         0.01         0.01         0.01         0.01         0.01         0.01         0.01         0.01         0.01         0.01         0.01         0.01         0.01         0.01         0.01         0.01         0.00	**************************************
Meaured Depth         Hole Angle Direction         Hole Length         Course Depth         True Vertical Section         Vertical N + / S - E + / W - Severity         Dogleg %/100 ft         Build U %/100 ft           0         0         0         0         0.00         0.00         -4.80         -14.26         0.15         0.1           1078         2         251         1078         1,077.86         5.12         -4.80         -14.26         0.15         0.1           1552         1         199         474         1,551.73         12.50         -12.00         -22.28         0.28         -0.0           2026         2         178         474         2,025.57         24.64         -24.11         -23.74         0.14         0.0           2501         1         210         475         2,500.43         35.69         -35.12         -25.70         0.20         -0.1           2977         1         177         476         2,976.37         42.62         -42.00         -27.80         0.13         -0.0           3927         1         191         475         3,926.34         50.01         -49.36         -29.42         0.13         0.1           4117         1	**************************************
Depth         Angle         Direction         Length         Depth         Section         N + / S -         E + / W -         Severity         °/100 ft           0         0         0         0.00         0.00         -4.80         -14.26         0.15         0.1           1078         2         251         1078         1,077.86         5.12         -4.80         -14.26         0.15         0.1           1552         1         199         474         1,551.73         12.50         -12.00         -22.28         0.28         -0.0           2026         2         178         474         2,025.57         24.64         -24.11         -23.74         0.14         0.0           2501         1         210         475         2,500.43         35.69         -35.12         -25.70         0.20         -0.1           2977         1         177         476         2,976.37         42.62         -42.00         -27.80         0.13         -0.0           3452         0         224         475         3,451.36         46.13         -45.50         -28.23         0.12         -0.1           4117         1         47         190         4,116.	**************************************
0         0         0         0.00         0.00          << TIE-IN F           1078         2         251         1078         1,077.86         5.12         -4.80         -14.26         0.15         0.1           1552         1         199         474         1,551.73         12.50         -12.00         -22.28         0.28         -0.0           2026         2         178         474         2,025.57         24.64         -24.11         -23.74         0.14         0.0           2501         1         210         475         2,500.43         35.69         -35.12         -25.70         0.20         -0.1           2977         1         177         476         2,976.37         42.62         -42.00         -27.80         0.13         -0.0           3452         0         224         475         3,451.36         46.13         -45.50         -28.23         0.12         -0.1           3927         1         191         475         3,926.34         50.01         -49.36         -29.42         0.13         0.1           4117         1         47         190         4,116.33         50.63         -49.98         -28.	OINT >> 5 23.32 6 -11.08 8 -4.47 3 6.69 8 -6.81 1 9.77 3 -6.86 1 -75.63 4 281.94 3 153.44 8 -6.13 0 -9.38
1552         1         199         474         1,551.73         12.50         -12.00         -22.28         0.28         -0.0           2026         2         178         474         2,025.57         24.64         -24.11         -23.74         0.14         0.0           2501         1         210         475         2,500.43         35.69         -35.12         -25.70         0.20         -0.1           2977         1         177         476         2,976.37         42.62         -42.00         -27.80         0.13         -0.0           3452         0         224         475         3,451.36         46.13         -45.50         -28.23         0.12         -0.1           3927         1         191         475         3,926.34         50.01         -49.36         -29.42         0.13         0.1           4117         1         47         190         4,116.33         50.63         -49.98         -28.95         0.70         -0.1           4148         0         135         31         4,147.33         50.51         -49.87         -28.83         1.94         -1.9           4180         1         184         32         4	6 -11.08 8 -4.47 3 6.69 8 -6.81 1 9.77 3 -6.86 1 -75.63 4 281.94 3 153.44 8 -6.13 0 -9.38
2026         2         178         474         2,025.57         24.64         -24.11         -23.74         0.14         0.0           2501         1         210         475         2,500.43         35.69         -35.12         -25.70         0.20         -0.1           2977         1         177         476         2,976.37         42.62         -42.00         -27.80         0.13         -0.0           3452         0         224         475         3,451.36         46.13         -45.50         -28.23         0.12         -0.1           3927         1         191         475         3,926.34         50.01         -49.36         -29.42         0.13         0.1           4117         1         47         190         4,116.33         50.63         -49.98         -28.95         0.70         -0.1           4148         0         135         31         4,147.33         50.51         -49.87         -28.83         1.94         -1.9           4180         1         184         32         4,179.33         50.79         -50.15         -28.84         3.12         3.1           4211         4         182         31         4,2	8 -4.47 3 6.69 8 -6.81 1 9.77 3 -6.86 1 -75.63 4 281.94 3 153.44 8 -6.13 0 -9.38
2501         1         210         475         2,500.43         35.69         -35.12         -25.70         0.20         -0.1           2977         1         177         476         2,976.37         42.62         -42.00         -27.80         0.13         -0.0           3452         0         224         475         3,451.36         46.13         -45.50         -28.23         0.12         -0.1           3927         1         191         475         3,926.34         50.01         -49.36         -29.42         0.13         0.1           4117         1         47         190         4,116.33         50.63         -49.98         -28.95         0.70         -0.1           4148         0         135         31         4,147.33         50.51         -49.87         -28.83         1.94         -1.9           4180         1         184         32         4,179.33         50.79         -50.15         -28.84         3.12         3.1           4211         4         182         31         4,210.30         52.14         -51.50         -28.90         9.68         9.6           4243         7         179         32         4,24	3 6.69 8 -6.81 1 9.77 3 -6.86 1 -75.63 4 281.94 3 153.44 8 -6.13 0 -9.38
2977         1         177         476         2,976.37         42.62         -42.00         -27.80         0.13         -0.0           3452         0         224         475         3,451.36         46.13         -45.50         -28.23         0.12         -0.1           3927         1         191         475         3,926.34         50.01         -49.36         -29.42         0.13         0.1           4117         1         47         190         4,116.33         50.63         -49.98         -28.95         0.70         -0.1           4148         0         135         31         4,147.33         50.51         -49.87         -28.83         1.94         -1.9           4180         1         184         32         4,179.33         50.79         -50.15         -28.84         3.12         3.1           4211         4         182         31         4,210.30         52.14         -51.50         -28.90         9.68         9.6           4243         7         179         32         4,242.14         55.26         -54.62         -28.89         10.04         10.0	8 -6.81 1 9.77 3 -6.86 1 -75.63 4 281.94 3 153.44 8 -6.13 0 -9.38
3452         0         224         475         3,451.36         46.13         -45.50         -28.23         0.12         -0.1           3927         1         191         475         3,926.34         50.01         -49.36         -29.42         0.13         0.1           4117         1         47         190         4,116.33         50.63         -49.98         -28.95         0.70         -0.1           4148         0         135         31         4,147.33         50.51         -49.87         -28.83         1.94         -1.9           4180         1         184         32         4,179.33         50.79         -50.15         -28.84         3.12         3.1           4211         4         182         31         4,210.30         52.14         -51.50         -28.90         9.68         9.6           4243         7         179         32         4,242.14         55.26         -54.62         -28.89         10.04         10.04	1 9.77 3 -6.86 1 -75.63 4 281.94 3 153.44 8 -6.13 0 -9.38
3927         1         191         475         3,926.34         50.01         -49.36         -29.42         0.13         0.1           4117         1         47         190         4,116.33         50.63         -49.98         -28.95         0.70         -0.1           4148         0         135         31         4,147.33         50.51         -49.87         -28.83         1.94         -1.9           4180         1         184         32         4,179.33         50.79         -50.15         -28.84         3.12         3.1           4211         4         182         31         4,210.30         52.14         -51.50         -28.90         9.68         9.6           4243         7         179         32         4,242.14         55.26         -54.62         -28.89         10.04         10.0	3 -6.86 1 -75.63 4 281.94 3 153.44 8 -6.13 0 -9.38
4117     1     47     190     4,116.33     50.63     -49.98     -28.95     0.70     -0.1       4148     0     135     31     4,147.33     50.51     -49.87     -28.83     1.94     -1.9       4180     1     184     32     4,179.33     50.79     -50.15     -28.84     3.12     3.1       4211     4     182     31     4,210.30     52.14     -51.50     -28.90     9.68     9.6       4243     7     179     32     4,242.14     55.26     -54.62     -28.89     10.04     10.04	1 -75.63 4 281.94 3 153.44 8 -6.13 0 -9.38
4148     0     135     31     4,147.33     50.51     -49.87     -28.83     1.94     -1.9       4180     1     184     32     4,179.33     50.79     -50.15     -28.84     3.12     3.1       4211     4     182     31     4,210.30     52.14     -51.50     -28.90     9.68     9.6       4243     7     179     32     4,242.14     55.26     -54.62     -28.89     10.04     10.0	4 281.94 3 153.44 8 -6.13 0 -9.38
4180     1     184     32     4,179.33     50.79     -50.15     -28.84     3.12     3.1       4211     4     182     31     4,210.30     52.14     -51.50     -28.90     9.68     9.6       4243     7     179     32     4,242.14     55.26     -54.62     -28.89     10.04     10.0	3 153.44 8 -6.13 0 -9.38
4211     4     182     31     4,210.30     52.14     -51.50     -28.90     9.68     9.6       4243     7     179     32     4,242.14     55.26     -54.62     -28.89     10.04     10.0	8 -6.13 0 -9.38
4243 7 179 32 4,242.14 55.26 -54.62 -28.89 10.04 10.0	-9.38
4275 10 180 32 4,273.78 60.02 -59.38 -28.85 8.46 8.4	4.06
4306 12 181 31 4,304.22 65.91 -65.27 -28.88 6.78 6.7	
4338 14 180 32 4,335.41 73.02 -72.39 -28.93 5.31 5.3	1 -0.62
4369 16 181 31 4,365.39 80.91 -80.28 -29.00 6.78 6.7	
4401 18 181 32 4,396.00 90.24 -89.60 -29.12 7.19 7.1	
4432 20 182 31 4,425.26 100.46 -99.82 -29.34 7.45 7.4	
4464 22 181 32 4,455.06 112.14 -111.49 -29.63 6.25 6.2	
4496         25         182         32         4,484.38         124.94         -124.30         -30.05         7.58         7.5	
4528 27 183 32 4,513.19 138.87 -138.21 -30.69 6.30 6.2	
4559 28 183 31 4,540.67 153.20 -152.53 -31.45 4.86 4.8	
4591 30 182 32 4,568.59 168.83 -168.14 -32.21 6.06 5.9	
4622 32 181 31 4,595.09 184.91 -184.21 -32.74 6.98 6.7	
4654 34 179 32 4,621.83 202.47 -201.78 -32.79 7.48 6.2	
4686 36 176 32 4,648.03 220.80 -220.14 -32.01 6.87 4.6 4717 37 174 31 4,673.02 239.05 -238.42 -30.46 5.15 3.2	
4717         37         174         31         4,673.02         239.05         -238.42         -30.46         5.15         3.2           4749         38         173         32         4,698.51         258.21         -257.64         -28.25         3.50         2.5	
4749 38 173 32 4,096.51 258.21 -257.04 -26.25 3.36 2.5	
4812 39 173 31 4,748.03 296.71 -296.26 -23.32 1.72 1.6	_
4844 40 173 32 4,772.85 316.71 -316.32 -20.89 2.92 2.8	
4876 42 174 32 4,797.07 337.43 -337.09 -18.56 7.60 7.5	
4908 45 175 32 4,820.26 359.31 -359.03 -16.42 9.92 9.6	
4939 48 176 31 4,841.62 381.66 -381.43 -14.64 9.08 8.7	
4971 51 177 32 4,862.44 405.86 -405.67 -13.08 10.10 10.0	1.87
5003 54 178 32 4,882.01 431.11 -430.95 -11.80 8.49 8.1	3.13
5034 54 178 31 4,900.27 456.11 -455.98 -10.77 1.95 1.9	0.32
5066 54 178 32 4,919.02 482.00 -481.90 -9.78 0.60 -0.3	
5098 53 177 32 4,938.03 507.68 -507.62 -8.70 3.75 -3.4	
5129 52 176 31 4,956.86 532.23 -532.20 -7.28 4.01 -2.5	
5161 52 176 32 4,976.62 557.29 -557.30 -5.51 2.31 -2.1	
5193 52 176 32 4,996.39 582.34 -582.41 -3.77 2.51 2.1	
5224 55 177 31 5,014.89 607.14 -607.24 -2.39 7.86 7.4	
5256         59         178         32         5,032.51         633.79         -633.92         -1.25         13.19         13.1           5287         63         179         31         5,047.67         660.78         -660.94         -0.48         13.27         12.9	
5287         63         179         31         5,047.67         660.78         -660.94         -0.48         13.27         12.9           5319         66         179         32         5,061.52         689.60         -689.78         0.13         10.33         10.3	
5351 69 180 32 5,073.66 719.18 -719.38 0.54 11.01 10.6	
5382 73 180 31 5,083.68 748.50 -748.71 0.54 11.44 11.2	
5414 75 181 32 5,092.42 779.28 -779.49 0.24 7.96 7.8	
5446 79 181 32 5,099.64 810.45 -810.65 -0.22 9.69 9.6	
5466 81 181 20 5,103.25 830.12 -830.32 -0.46 11.17 11.0	
5637 92 181 171 5,114.72 1,000.46 -1,000.67 -2.10 6.37 6.3	
5732 92 180 95 5,111.73 1,095.41 -1,095.62 -2.84 0.53 0.4	
5827 90 180 95 5,109.91 1,190.37 -1,190.60 -3.42 1.90 -1.8	
5922 90 181 95 5,109.58 1,285.37 -1,285.59 -4.75 0.84 0.0	
6017 90 181 95 5,109.41 1,380.37 -1,380.57 -6.49 0.38 -0.2	
6112 90 180 95 5,109.50 1,475.36 -1,475.57 -7.32 0.85 -0.1	-0.84

# **DIRECTIONAL SURVEY CALCULATION**

## MINIMUM CURVATURE METHOD

Murphy1-7F    181.30	Well Name		Target Dire	ection	Slot	N/S	E/W	Hole Size	Calculation	on by	Date
Measured   Hole   Hole   Course   True Vertical   Depth   Section   N+/S   E+/W-   Sevently   7/100 ft   7/1					Coordinate						6/28/12
Meaured   Hole   Hole   Depth   Angle   Direction   Depth   Depth   Depth   Depth   Noction   Depth   Depth   Depth   Depth   Depth   Section   Trive   Trive   Trive   Trive   Noction   Trive	2	er	Type of Su	irvey	Tie-in Point				Directiona	al Co.	
Depth		Hole	Hole	Course	True Vertical	Vertical	Total	Coordinate	Dogled	Ruild Un	Malk/
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0					A CONTRACTOR OF THE PROPERTY.	W. F. W. W. H. S.					
6207 90 181 96 5,108.83 1,570.35 1,570.66 8,8.66 1.38 0.21 1.37 6302 90 182 96 5,110.16 1,656.53 1,665.52 1,113.65 0.82 0.53 0.63 6397 89 181 95 5,110.16 1,70.34 1,760.44 1,39.6 0.82 0.53 0.63 6867 90 183 95 5,111.82 1,950.31 1,950.33 -21.08 0.67 0.53 0.42 6862 90 183 95 5,111.82 1,950.31 1,950.33 -21.08 0.67 0.53 0.42 6872 90 182 95 5,111.82 1,950.31 1,950.33 -21.08 0.67 0.53 0.42 6872 90 182 95 5,111.82 1,950.31 1,950.33 -21.08 0.60 0.04 -0.42 6872 90 182 95 5,111.82 1,950.31 1,950.33 -21.08 0.00 0.00 0.02 17062 90 182 95 5,112.63 2,235.27 (-2.235.11 3.22.77 0.54 0.11 1.05 0.00 1.00 1.00 1.00 1.00 1.00											
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8107         90         181         95         5,117.29         3,470.02         -3,469.20         -75.28         0.74         0.74         0.00           8202         90         181         95         5,117.79         3,565.02         -3,564.18         -77.19         0.53         0.00         0.53           8392         90         182         95         5,118.61         3,650.00         -3,754.10         -82.49         0.24         0.21         -0.11           8487         90         181         95         5,120.44         3,850.00         -3,849.06         -84.98         0.21         0.00         -0.21           8582         87         182         95         5,120.41         3,950.00         -3,849.06         -84.98         0.21         0.00         0.02           8607         87         182         25         5,124.14         3,969.93         -3,943.99         -87.55         2.23         -2.21         0.32           8607         87         182         25         5,124.14         3,969.93         -88.95         -88.27         0.40         0.00         0.02           890         181         95         5,126.13         4,064.99         4,063.87 <td></td> <td>89</td> <td>182</td> <td>95</td> <td>5,114.55</td> <td>3,280.04</td> <td>-3,279.26</td> <td>-71.63</td> <td>0.42</td> <td>0.42</td> <td>0.00</td>		89	182	95	5,114.55	3,280.04	-3,279.26	-71.63	0.42	0.42	0.00
8202         90         181         95         5,117.79         3,565.02         -3,564.18         -77.19         0.53         0.00         0.53           8297         89         182         95         5,118.61         3,660.01         3,569.14         -79.76         0.53         -0.42         0.32           8392         90         182         95         5,119.01         3,755.00         -3,754.10         -82.49         0.24         0.21         -0.01           8487         90         181         95         5,120.44         3,850.00         -3,849.06         -84.98         0.21         0.00         -0.21           8607         87         182         25         5,124.14         3,989.93         3,948.96         -84.98         0.21         0.00         -0.24           8702         90         182         95         5,126.13         4,064.90         -4,063.87         -91.25         2.98         2.95         0.42           8707         89         181         95         5,126.63         4,159.89         -4,158.83         -93.99         1.28         -1.05         0.04           8987         89         181         95         5,128.94         4,444.84			181	95	5,116.21	3,375.03		-73.79	0.84	0.00	-0.84
8297         89         182         95         5,118.61         3,660.01         -3,659.14         -79.76         0.53         -0.42         0.32           8392         90         182         95         5,119.61         3,755.00         -3,754.10         -82.49         0.24         0.21         0.01           8682         87         182         95         5,120.44         3,860.00         -3,849.06         -84.98         0.21         0.00         -0.21           8607         87         182         95         5,123.01         3,944.96         -3,943.99         -87.55         2.23         -2.21         0.32           8607         87         182         25         5,126.63         4,159.89         -3,939.99         -87.55         2.23         -2.21         0.32           8702         90         182         95         5,126.63         4,159.89         -4,158.83         -93.99         1.28         -1.05         0.74           899         181         95         5,126.63         4,159.89         -4,158.83         -93.99         1.28         -1.05         0.74         1.75           9082         91         182         95         5,128.94         4,444.84 </td <td></td> <td></td> <td></td> <td></td> <td>5,117.29</td> <td>3,470.02</td> <td>-3,469.20</td> <td>-75.28</td> <td>0.74</td> <td>0.74</td> <td>0.00</td>					5,117.29	3,470.02	-3,469.20	-75.28	0.74	0.74	0.00
8392   90   182   95					5,117.79			-77.19		0.00	0.53
8487         90         181         95         5,120.44         3,850.00         -3,849.06         -84.98         0.21         0.00         -0.21           8582         87         182         95         5,123.01         3,944.96         -3,943.99         -87.55         2.23         -2.21         0.32           8607         87         182         25         5,126.13         4,064.90         -4,063.87         -91.25         2.98         2.95         0.42           8702         90         182         95         5,126.63         4,159.89         -4,158.83         -93.99         1.28         -1.05         -0.74           8797         89         181         95         5,126.63         4,159.89         -4,158.83         -93.99         1.28         -1.05         -0.74           8892         89         181         95         5,128.94         4,349.86         -4,348.76         -97.72         1.94         0.74         1.79           9082         91         181         95         5,129.94         4,349.86         -4,348.76         -97.72         1.94         0.74         1.79           9082         91         181         95         5,126.79         4,634.82 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>											
8582         87         182         95         5,123.01         3,944.96         -3,943.99         -87.55         2.23         -2.21         0.32           8607         87         182         25         5,124.14         3,969.93         -3,968.95         -88.27         0.40         0.00         -0.42           8707         89         181         95         5,126.63         4,158.83         -93.99         1.28         -1.05         -0.74           8892         89         181         95         5,126.63         4,158.83         -93.99         1.28         -1.05         -0.74           8987         89         182         95         5,129.49         4,349.86         -4,348.76         -97.72         1.94         0.74         1.79           9082         91         182         95         5,129.49         4,349.86         -4,348.76         -97.72         1.94         0.74         1.78           9082         91         181         95         5,127.87         4,539.83         -4,538.64         -103.85         0.74         -0.53         -0.53           9272         91         181         95         5,126.79         4,634.82         -4,633.61         -106.09 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>											
8607         87         182         25         5,124.14         3,969.93         -3,968.95         -88.27         0.40         0.00         -0.40           8702         90         182         95         5,126.13         4,064.90         -4,063.87         -91.25         2.98         2.95         0.42           8707         89         181         95         5,126.63         4,159.89         -4,158.83         -93.99         1.28         -1.05         -0.74           8892         89         181         95         5,128.37         4,254.87         -4,253.80         -99.94         -0.53         -0.84           8987         89         182         95         5,129.94         4,349.86         -4,348.76         -97.72         1.94         0.74         1.79           9082         91         182         95         5,129.94         4,349.86         -4,348.76         -97.72         1.94         0.74         1.79           9082         91         181         95         5,129.45         4,444.84         -4,433.66         -101.11         1.92         1.89         -0.32           9772         91         181         95         5,126.79         4,634.82         -4,633											
8702         90         182         95         5,126,13         4,064,90         -4,063.87         -91.25         2.98         2.95         0.42           8797         89         181         95         5,126,63         4,159,89         -4,158,83         -93.99         1.28         -1.05         -0.74           8987         89         182         95         5,128,37         4,254,87         -4,253,80         -95,48         0.99         -0.53         -0.84           8987         89         182         95         5,129,44         4,349,86         -97.72         1.94         0.74         1.79           9082         91         182         95         5,129,45         4,444.84         -4,443.69         -101.11         1.92         1.89         -0.32           9177         91         181         95         5,126.79         4,634.82         -4,633.61         -106.09         0.15         -0.11         -0.11           9365         90         181         95         5,126.79         4,634.82         -4,633.61         -108.12         0.55         -0.54         -0.11           9415         90         181         95         5,126.14         4,777.82         -4,776											
8797         89         181         95         5,126.63         4,159.89         -4,158.83         -93.99         1.28         -1.05         -0.74           8892         89         181         95         5,128.37         4,254.87         -4,253.80         -95.48         0.99         -0.53         -0.84           8987         89         182         95         5,129.94         4,349.86         -4,348.76         -97.72         1.94         0.74         1.79           9082         91         182         95         5,129.45         4,444.84         -4,443.69         -101.11         1.92         1.89         -0.53           9177         91         181         95         5,126.79         4,634.82         -4,633.64         -103.85         0.74         -0.53         -0.53           9272         91         181         95         5,126.79         4,634.82         -4,633.61         -106.09         0.15         -0.11         -0.11           9365         90         181         93         5,126.14         4,777.82         -4,776.57         -109.16         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00											
8892         89         181         95         5,128.37         4,254.87         -4,253.80         -95.48         0.99         -0.53         -0.84           8987         89         182         95         5,129.94         4,349.86         -4,348.76         -97.72         1.94         0.74         1.79           9082         91         182         95         5,129.45         4,444.84         -4,443.69         -101.11         1.92         1.89         -0.32           9177         91         181         95         5,128.79         4,634.82         -4,633.61         -106.09         0.15         -0.11         -0.11           9365         90         181         95         5,126.79         4,634.82         -4,633.61         -106.09         0.15         -0.11         -0.11           9365         90         181         93         5,126.19         4,777.82         -4,776.57         -109.16         0.00											
8987         89         182         95         5,129.94         4,349.86         -4,348.76         -97.72         1.94         0.74         1.79           9082         91         182         95         5,129.45         4,444.84         -4,443.69         -101.11         1.92         1.89         -0.32           9177         91         181         95         5,126.79         4,634.82         -4,633.61         -106.09         0.15         -0.11         -0.11           9365         90         181         95         5,126.79         4,634.82         -4,765.86         -108.12         0.55         -0.54         -0.11           9415         90         181         93         5,126.79         4,634.82         -4,765.86         -108.12         0.55         -0.54         -0.11           9415         90         181         50         5,126.14         4,777.82         -4,776.57         -109.16         0.01         0.00 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>											
9082 91 182 95 5,129.45 4,444.84 -4,443.69 -101.11 1.92 1.89 -0.32 9177 91 181 95 5,127.87 4,539.83 -4,538.64 -103.85 0.74 -0.53 -0.53 9272 91 181 95 5,126.79 4,634.82 -4,633.61 -106.09 0.15 -0.11 -0.11 9365 90 181 93 5,126.23 4,727.82 -4,726.58 -108.12 0.55 -0.54 -0.11 9415 90 181 50 5,126.14 4,777.82 -4,776.57 -109.16 0.00 0.00 0.00 0 5,126.14 4,777.82 -4,776.57 -109.16 0.00 0.00 0.00 0 0 5,126.14 4,777.82 -4,776.57 -109.16 0.00 0.00 0.00 0 0 0 5,126.14 4,777.82 -4,776.57 -109.16 0 0 0 0 5,126.14 4,											
9177 91 181 95 5,127.87 4,539.83 -4,538.64 -103.85 0.74 -0.53 -0.53 9272 91 181 95 5,126.79 4,634.82 -4,633.61 -106.09 0.15 -0.11 -0.11 9365 90 181 93 5,126.23 4,727.82 -4,726.58 -108.12 0.55 -0.54 -0.11 9415 90 181 50 5,126.14 4,777.82 -4,776.57 -109.16 0.00 0.00 0.00 0 5,126.14 4,777.82 -4,776.57 -109.16 0.00 0.00 0 0 5,126.14 4,777.82 -4,776.57 -109.16 0.00 0.00 0 0 0 5,126.14 4,777.82 -4,776.57 -109.16 0 0 0 0 5,126.14 4,777.82 -4,776.57 -109.16 0 0 0 0 0 5,126.14 4,777.82 -4,776.57 -109.16 0 0 0 0 0 5,126.14 4,777.82 -4,776.57 -109.16 0 0 0 0 0 5,126.14 4,777.82 -4,776.57 -109.16 0 0 0 0 0 5,126.14 4,777.82 -4,776.57 -109.16 0 0 0 0 0 5,126.14 4,777.82 -4,776.57 -109.16 0 0 0 0 0 5,126.14 4,777.82 -4,776.57 -109.16 0 0 0 0 0 5,126.14 4,777.82 -4,776.57 -109.16 0 0 0 0 0 5,126.14 4,777.82 -4,776.57 -109.16 0 0 0 0 0 5,126.14 4,777.82 -4,776.57 -109.16 0 0 0 0 0 5,126.14 4,777.82 -4,776.57 -109.16 0 0 0 0 0 5,126.14 4,777.82 -4,776.57 -109.16 0 0 0 0 5,126.14 4,777.82 -4,776.57 -109.16 0 0 0 0 5,126.14 4,777.82 -4,776.57 -109.16 0 0 0 0 5,126.14 4,777.82 -4,776.57 -109.16 0 0 0 0 5,126.14 4,777.82 -4,776.57 -109.16 0 0 0 0 5,126.14 4,777.82 -4,776.57 -109.16 0 0 0 0 5,126.14 4,777.82 -4,776.57 -109.16 0 0 0 0 5,126.14 4,777.82 -4,776.57 -109.16 0 0 0 0 5,126.14 4,777.82 -4,776.57 -109.16 0 0 0 0 5,126.14 4,777.82 -4,776.57 -109.16 0 0 0 0 5,126.14 4,777.82 -4,776.57 -109.16 0 0 0 0 5,126.14 4,777.82 -4,776.57 -109.16 0 0 0 0 5,126.14 4,777.82 -4,776.57 -109.16 0 0 0 0 5,126.14 4,777.82 -4,776.57 -109.16 0 0 0 0 5,126.14 4,777.82 -4,776.57 -109.16 0 0 0 0 0 5,126.14 4,777.82 -4,776.57 -109.16 0 0 0 0 0 5,126.14 4,777.82 -4,776.57 -109.16 0 0 0 0 0 5,126.14 4,777.82 -4,776.57 -109.16 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0											
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0       0       5,126.14       4,777.82       -4,776.57       -109.16         0       0       0       5,126.14       4,777.82       -4,776.57       -109.16         0       0       0       5,126.14       4,777.82       -4,776.57       -109.16         0       0       0       5,126.14       4,777.82       -4,776.57       -109.16         0       0       0       5,126.14       4,777.82       -4,776.57       -109.16         0       0       0       5,126.14       4,777.82       -4,776.57       -109.16         0       0       0       5,126.14       4,777.82       -4,776.57       -109.16         0       0       0       5,126.14       4,777.82       -4,776.57       -109.16         0       0       0       5,126.14       4,777.82       -4,776.57       -109.16         0       0       0       5,126.14       4,777.82       -4,776.57       -109.16         0       0       0       5,126.14       4,777.82       -4,776.57       -109.16         0       0       0       5,126.14       4,777.82       -4,776.57       -109.16         0       0       0	0		0			4,777.82	-4,776.57	-109.16			
0       0       5,126.14       4,777.82       -4,776.57       -109.16         0       0       0       5,126.14       4,777.82       -4,776.57       -109.16         0       0       0       5,126.14       4,777.82       -4,776.57       -109.16         0       0       0       5,126.14       4,777.82       -4,776.57       -109.16         0       0       0       5,126.14       4,777.82       -4,776.57       -109.16         0       0       0       5,126.14       4,777.82       -4,776.57       -109.16         0       0       0       5,126.14       4,777.82       -4,776.57       -109.16         0       0       0       5,126.14       4,777.82       -4,776.57       -109.16         0       0       0       5,126.14       4,777.82       -4,776.57       -109.16         0       0       0       5,126.14       4,777.82       -4,776.57       -109.16         0       0       0       5,126.14       4,777.82       -4,776.57       -109.16         0       0       0       5,126.14       4,777.82       -4,776.57       -109.16         0       0       0	0	0	-								
0       0       5,126.14       4,777.82       -4,776.57       -109.16         0       0       0       5,126.14       4,777.82       -4,776.57       -109.16         0       0       0       5,126.14       4,777.82       -4,776.57       -109.16         0       0       0       5,126.14       4,777.82       -4,776.57       -109.16         0       0       0       5,126.14       4,777.82       -4,776.57       -109.16         0       0       0       5,126.14       4,777.82       -4,776.57       -109.16         0       0       0       5,126.14       4,777.82       -4,776.57       -109.16         0       0       0       5,126.14       4,777.82       -4,776.57       -109.16         0       0       0       5,126.14       4,777.82       -4,776.57       -109.16         0       0       0       5,126.14       4,777.82       -4,776.57       -109.16         0       0       0       5,126.14       4,777.82       -4,776.57       -109.16         0       0       0       5,126.14       4,777.82       -4,776.57       -109.16         0       0       0			- I-								
0       0       5,126.14       4,777.82       -4,776.57       -109.16         0       0       0       5,126.14       4,777.82       -4,776.57       -109.16         0       0       0       5,126.14       4,777.82       -4,776.57       -109.16         0       0       0       5,126.14       4,777.82       -4,776.57       -109.16         0       0       0       5,126.14       4,777.82       -4,776.57       -109.16         0       0       0       5,126.14       4,777.82       -4,776.57       -109.16         0       0       0       5,126.14       4,777.82       -4,776.57       -109.16         0       0       0       5,126.14       4,777.82       -4,776.57       -109.16         0       0       0       5,126.14       4,777.82       -4,776.57       -109.16         0       0       0       5,126.14       4,777.82       -4,776.57       -109.16         0       0       0       5,126.14       4,777.82       -4,776.57       -109.16         0       0       0       5,126.14       4,777.82       -4,776.57       -109.16         0       0       0											
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Logo

### Back to Well Completion

# Murphy 1-7H (1076338)

Α			

View PDF	
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Edit	
Certify & Submit	
Request Confidentiality	

### **Attachments**

Two Year Confidentiality	View PDF
OPERATOR	Delete
Cement Reports	View PDF
OPERATOR	Delete
Gas Analysis	View PDF
OPERATOR	Delete
Directional Survey	View PDF
OPERATOR	Delete
As Drilled Plat	View PDF
OPERATOR	Delete
	Add Attachment

Add Attachment

### Remarks

Remarks to KCC	

Add Remark

#### Remarks

11:37 am

INCIIIains	
Tiffany Golay 07/12/012 01:40 pm	Addtl Fluid Mgmt Info: 830 bbls hauled to LOJO Disposal in Woods County, OK 10-26N-15W and 320 bbls hauled to Gray Mud Disposal in Garfield County, OK 5-24S-7W
Tiffany Golay	16 yards of grout were used to set conductor. Conductor weight= 106.5 lbs/ft