

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1216313

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:	SecTwpS. R East _ Wes						
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 #	GPS Location: Lat:, Long:						
Name:	(e.g. xx.xxxxxx) (e.gxxx.xxxxxxx)						
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84						
Purchaser:	County:						
Designate Type of Completion:	Lease Name: Well #:						
☐ New Well ☐ Re-Entry ☐ Workover	Field Name:						
□ Oil □ WSW □ SHOW □ 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:	Producing Formation: Kelly Bushing: Total Vertical Depth: Plug Back Total Depth: Feet Multiple Stage Cementing Collar Used? Yes No 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: 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 #:	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:						
☐ ENHR Permit #: ☐ GSW Permit #:	Operator Name:						
GSW Permit #:	Lease Name: License #:						
Spud Date or Date Reached TD Completion Date or Recompletion Date Recompletion Date	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 Approved by: Date:								

Operator Name:			Lease Name:	Well #:					
Sec Twp	S. R	East West	County:						
open and closed, flow	ring and shut-in pressu	ormations penetrated. Dres, whether shut-in preith final chart(s). Attach	ssure reached stati	c level, hydrosta	tic pressures, bott				
		tain Geophysical Data a r newer AND an image f		gs must be ema	iled to kcc-well-lo	gs@kcc.ks.gov	v. Digital electronic log		
Drill Stem Tests Taker (Attach Additional S		Yes No		og Formatic	Sample				
Samples Sent to Geo	logical Survey	☐ Yes ☐ No	Nam	9		Тор	Datum		
Cores Taken Electric Log Run		Yes No							
List All E. Logs Run:									
		0.0000							
		CASING Report all strings set-o	RECORD Ne onductor, surface, inte		ion, 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		
Durmaga	Depth		CEMENTING / SQU	EEZE RECORD					
Purpose: Perforate	Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives					
Protect Casing Plug Back TD									
Plug Off Zone									
Did you perform a hydrou	ulia fracturing tractment or	a this well?		Yes	No (If No, ski	n quantiana 2 an	(d 2)		
	ulic fracturing treatment or otal base fluid of the hydra	aulic fracturing treatment ex	ceed 350,000 gallons?	= =	= ' '	p questions 2 an p question 3)	u 3)		
Was the hydraulic fractur	ring treatment information	submitted to the chemical o	disclosure registry?	Yes	No (If No, fill	out Page Three	of the ACO-1)		
Shots Per Foot		N RECORD - Bridge Plug			cture, Shot, Cement		d Depth		
	Specify Fo	ootage of Each Interval Perf	orated	(Amount and Kind of Material Used)					
TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run:	Yes No		l		
Date of First, Resumed	Production, SWD or ENH	R. Producing Meth		Gas Lift C	Other <i>(Explain)</i>				
Estimated Production Per 24 Hours	Oil B		Mcf Wate			as-Oil Ratio	Gravity		
DISPOSITIO	ON OF GAS:		METHOD OF COMPLE	TION.		PRODUCTIO	DN INTERVAL:		
Vented Sold		Open Hole	Perf. Dually	Comp. Cor	mmingled	1110000110	TO THE LIVING.		
	bmit ACO-18.)	Other (Specify)	(Submit A	ACO-5) (Sub	mit ACO-4)				

Form	ACO1 - Well Completion
Operator	SandRidge Exploration and Production LLC
Well Name	Wilson 3405 1-11H
Doc ID	1216313

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
5	7873-8118	1500 gals 15% HCL Acid, 5379 bbls Fresh Slickwater, Running TLTR 5554 bbls	
5	7544-7794	1500 gals 15% HCL Acid, 5499 bbls Fresh Slickwater, Running TLTR 11170 bbls	
5	7315-7481	1500 gals 15% HCL Acid, 5515 bbls Fresh Slickwater, Running TLTR 16875 bbls	
5	6243-6490	1500 gals 15% HCL Acid, 5536 bbls Fresh Slickwater, Running TLTR 23012 bbls	
5	5900-6130	1500 gals 15% HCL Acid, 4973 bbls Fresh Slickwater, Running TLTR 28041 bbls	
5	5620-5840	1500 gals 15% HCL Acid, 5060 bbls Fresh Slickwater, Running TLTR 33164 bbls	
5	5232-5539	1500 gals 15% HCL Acid, 4864 bbls Fresh Slickwater, Running TLTR 38055 bbls	
5	4602-4854	1500 gals 15% HCL Acid, 4404 bbls Fresh Slickwater, Running TLTR 42459 bbls	

Form	ACO1 - Well Completion
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Casing

	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Conductor	24	20	75	90	Mid- Continent Conductor grout	11	none
Surface	12.25	9.96	36	632	O-Tex Lite Premium Plus 65/35 & Premium Plus (Class C)	430	(6% gel) 2% Calcium Chloride, 1/4 pps Cello- Flake, .4% C-41P
Intermedia te	8.75	7	26	5234	50/50 Poz Premium & premium	360	4% Gel, .2% FL- 17, .1% C- 51, .2% C- 20, .1% C- 37, .4% C- 41P

Mid-Continent Conductor, LLC

P.O. Box 1570

Woodward, OK 73802

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

Bill To	
SandRidge Energy, Inc. Attn: Purchasing Mgr. 23 Robert S. Kerr Avenue	
Oklahoma City, OK. 73102	

Invoice

Date	Invoice #
5/1/2014	2642

	Ordered By	Terms	Da	ate of Service	Lease Name/L		me/Legal Desc.	Drilling Ri	g
	Carl Miller	Net 30	5/1/2014	Wil	Latshaw 2	7			
	Item				Description	,			
20" P Mous Mous 16" P Cellar 6' X 6 Mud a Trans Grout Grout Fence Welde	e Hole e Hole ipe ' Tinhorn and Water port Truck - Conductor & Trucking Pump Panels or & Materials emoval Plate		90 10 75 85 1 1 1 1 1 1 1 1	Furnished grout p Furnished and se Furnished welder Labor and equipr Furnished cover p Permits	of 20 in use however hole. It for hole. It for hole was and water and ment for plates.	nich conduction. Inch mouse of the conduction o	hole pipe. on. ucking to location. ound holes. val. DC 1348 Wikson 34 So 010 1275		18,275.00
			I,				Total	\$18,275.0	00

JOB SI COUNTY SIETE COMPANY	JMMARY	SOK 3693 TICKET DATE 05/08/14					
Harper Kansas dridge E	xploration & Produc	CUSTOMER REP Jerry Bia	Jerry Bias				
Well No. JOB TYPE Wilson 3405 1-11H	Surface	EMPLOYEE NAME					
EMP NAME							
Louis Arney 0 Vontray Watkins							
Dan Tewell							
Ron Derry			+				
Form. NameType:							
Packer Tyne Set At 0	Date Called Out 5/7/2014	On Location Jo 5/7/2014	b Started Jo 5/8/2014	b Completed 5/8/2014			
Bottom Hole Temp. 80 Pressure Retainer Depth Tools and Accessories	Time 1230	1600	0120	0300			
Type and Size Qty Make	New/Used	Well Data Weight Size Grade	From To	Max. Allow			
Auto Fill Tube 0 IR	Casing	36# 95/4"	Surface 65				
Insert Float Va 0 IR Centralizers 0 IR	Liner						
Centralizers	Liner Tubing	0					
HEAD 0 IR	Drill Pipe						
Limit clamp 0 IR Weld-A 0 IR	Open Hole	121/4"	Surface 65	0 Shots/Ft.			
Weld-A 0 IR Texas Pattern Guide Shoe 0 IR	Perforations Perforations						
Cement Basket 0 IR	Perforations						
Materials Mud Type WBM Density 9 Lb	Hours On Location /Gal Date Hours	Operating Hours Date Hours	Description o	f Job			
Disp. Fluid Fresh Water Density 8.33 1 b	/Gal 5/7 8.0	Date Hours 5/8 1.1	Surface				
Spacer type resh Wate BBL. 10 8.3 Spacer type BBL.	3 5/8 3.0						
Acid Type Gal. %							
Acid Type Gal. % Surfactant Gal. In							
SurfactantGalIn NE AgentGal. In							
Fluid Loss Gal/Lb In							
Gelling Agent Gal/Lb In Fric. Red. Gal/Lb In							
MISC. Gal/Lb In In	Total 11.0	Total 1.1					
Perfpac BallsQty.			1				
Other Qty.	MAX 1,500 PSI	Pressures AVG, 200					
Other		Average Rates in BPM					
Other Other	MAX 6 BPM	MAX 6 BPM AVG 4					
Other	Feet 46	Cement Left in Pipe Feet 46 Reason SHOE JOINT					
		1100011 -11-2-2-3					
Stage Sacks Cement	Cement Data						
1 180 TEX Lite Premium Plus 65 (6% Gel) 29	Additives 6 Calcium Chloride - Vapos Cello-Flat	re - 4% C-41P		ield Lbs/Gal .01 12,40			
2 150 Premium Plus (Class C) 2% Calcium	1 Chloride - ¼pps Cello-Flake			.32 14.80			
3 *100 Premium Plus (Class C) *2% Calcium	m Chloride on side to use if necessa	ry	*6.32 *1	.32 *14.8			
	Summary						
Preflush Type: Breakdown MAXIMUM	Preflush:	BBI 10.00		resh Water			
Lost Returns-1	NO/FULL Excess /Return		Pad:Bbl -Gal Calc.Disp Bbl	N/A 47			
Average Actual TOC Bump Plug PSI:	SURFACE Calc. TOC:	SURFAC	E Actual Disp.	47.00			
isip 5 Min 10 Min	850 Final Circ. 15 Min Cement Slurry	PSI: 350 BBI 101.0	Disp:Bbl				
	1 Total Volume	BBI 158.00					
	1100						
CUSTOMED DEDDESCRIPTATO	11/1/1/2						
CUSTOMER REPRESENTATIVE	Y/J/4	SIGNATURE					
	/	SIGIMIONE					
-//							
V							

	JOB SUMMARY						SOK 3721 05/15/14							
COMPANY					ration & Production				CUSTOMER REP Vince Brown				-	
LEASE NA			Well No.	JOB TYPE Intermed					EMPLOYEE NAME Bryan Douglas					
EMP NAM		1400	-1111	meme	late				<u>'</u>	Diyan L	Jou	yıas		
	Douglas	5	0			Т	T				T	-		
Rocky														
Flo He														
_	nehauck													
Form.	Name		Type:			10-	111	0.4	10			A		
Packer	r Type		Set At	3,258'	Date	Ca		Out 5/2014	On Location 5/15/2	014	Job	Started 5/15/2014		ompleted 15/2014
Bottom	Hole T	emp. 145	Pressu	ire	Date	l			0/10/2	٠ ا		0/10/2014	"	10/20 14
Retain	er Depti			Depth 5,236*	Time		13	300	1600			1900	2	200
	Time	Tools and Acc						N1 # 1	Well [
	ill Tube		ty 0	Make IR	Casing			New/Used	Weight 26#	Size Gr	ade	From Surface	To	Max. Allow
	Float Va		0	İR	Liner	_			20#	-	\dashv	Surface		5,000
Centra			0	İR	Liner					 	\dashv			
Top PI			0	IR	Tubing					0				
HEAD			0	IR	Drill Pi									
Limit c			0	IR.	Open F					8%"		Surface	5,261'	Shots/Ft.
Weld-A			5	IR IR	Perfora Perfora					-	\dashv			
	t Baske		5	İR	Perfora					-	-+			
		Materials			Hours	On	Loca	ation	Operating	Hours		Descrip	tion of Job	
Mud T		WBM Der Fresh Water Der	nsity	9 Lb/Gai	Date	3		lours	Date	Hours	S	Interme		
Disp. F Spacer		Gel BBL.	30	8.33 Lb/Gal 8.33	5/15		├	6.0	5/15	3.0	\dashv	0.0000000000000000000000000000000000000		
Spacer		BBL.		- 0.00			\vdash				\dashv	1 BBL B	ACK	
Acid T	ype	Gal.		%							\dashv			-
Acid To Surfact		Gal		%										
NE Ag		Gal Gal.		In In			├—				\dashv			
Fluid L		Gal/Lb		In I		_	-			 	\dashv	-		
Gelling	Agent	Gal/Lb		ln							\neg			
Fric. R	ed.	Gal/Lb		In		_								
MISC.		Gal/Lb		.ln	Total			6.0	Total	3.0				
Perfpa	c Balls		Qtv.						Pre	essures				
Other					MAX		5.0	00 PSI	AVG.	20	0			
Other					Average Rates in BPM									
Other Other					MAX 8 BPM AVG 4									
Other					Cement Left in Pipe Feet 83 Reason SHOE JOINT									
c.					1 CCL			00	Reason	SHOL	VIIV	1	7	
					C	eme	nt D	ata						
Stage					Additive	s						W/Rq	. Yield	Lbs/Gal
1	260	50/50 POZ PREI	MIUM	4% Gel - 0.2% FL	-17 - 0.1%	C-5	1 - 0	.2% C-20 - 0	.1% C-37 - (0.4% C-4	1P	6.93	1.43	13.60
2	100	Premium 0		0.2% FL-17 - 0.19	% C-51 - 0.1	1%	C-20	- 0.4% C-41	Р			5.19	1.19	15.60
-	- 0	- 0										0.00	0.00	0.00
						_								
					Sun	nma	irv				-			
Preflus			Type:		Gel			flush:	BBI	30.0)Ù	Type:	Gel S	pacer
Breakd	own		MAXIM		5,000 PSI			d & Bkdn:		N/A		Pad:Bbl		N/A
	,		Lost Re		3,025			ess /Return c. TOC:	RRI	3,02		_ Calc.Dis		197
Average			Bump F	Plug PSI:	1,200				PSI:	700		Actual D Disp:Bb		197.31 197.31
:SIP	5 M	in	10 Min.	15 M	in		Cen	nent Slurry:	BBI	87.	4		_	
							Tota	al Volume	BBI	314.	72			
CU	STOM	IER REPRESEN	NTATI\	/E			-	2						wi 703
				/-		-			SIGNATURE					

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Hydraulic Fracturing Fluid Product Component Information Disclosure

6/3/2014	Job Start Date:
6/4/2014	Job End Date:
Kansas	State:
Harper	County:
15-077-22018-01-00	API Number:
SandRidge Energy	Operator Name:
Wilson 3405 1-11H	Well Name and Number:
-97.82535641	Longitude:
37.10970617	Latitude:
NAD27	Datum:
NO	Federal/Tribal Well:
4,441	True Vertical Depth:
1,731,954	Total Base Water Volume (gal):
0	Total Base Non Water Volume:







Hydraulic Fracturing Fluid Composition:

Trade Name	Supplier	Purpose	Ingredients	Chemical Abstract Service Number (CAS #)	Maximum Ingredient Concentration in Additive (% by mass)**	Maximum Ingredient Concentration in HF Fluid (% by mass)**	Comments
Water	Archer	Carrier/Base Fluid					
			Water	7732-18-5	100.00000	95.64109	None
Sand (Proppant)	Archer	Proppant					
			Silica Substrate	NA	100.00000	3.49950	None
Hydrochloric Acid (15%)	Archer	Acidizing					
			Hydrochloric Acid	7647-01-0	15.00000		
			NONYL PHENOL, 4 MOL	104-40-5	10.00000	0.00462	None
			Methyl Alcohol	67-56-1	80.00000	0.00088	None
			thiourea-formaldehyde copolymer	68527-49-1	15.00000	0.00017	None
AIC	Archer	Liquid Acid Iron Control					
			Acetic Acid	64-19-7	50.00000	0.00195	None
			Citric Acid	77-92-9	30.00000	0.00117	None
Chemflush	Archer	Enviro-Friendly Chemical Flush					
			Hydrotreated Petroleum Distillate	64742-47-8	99.00000		
			Alcohol Ethoxylate Surfactants	NA	10.00000		None
Ingredients shown ab	ove are subject to 29 Cl		pear on Material Safety Data She	ets (MSDS). Ingredie	nts shown below are	Non-MSDS.	
		Other Chemicals					

	Water	7732-18-5	0.04524	
	WATER	7732-18-5	0.02770	
	Anionic Polymer	N/A	0.02262	
	Aliphatic Hydrocarbon	64742-47-8	0.02262	
	TRADE SECRET	N/A	0.01846	
	Water	7732-18-5	0.00943	
	SOPROPANOL	67-63-0	0.00462	
	METHANOL	67-56-1	0.00462	
	Oxyalkylated Alcohol	68002-97-1	0.00377	
	Polyol Ester	N/A	0.00377	
	Acrylic Polymer	28205-96-1	0.00157	
	Sodium Salt of Phosphate Ester	68131-72-6	0.00157	
	Water	7732-18-5	0.00137	
	Polyglycol Ester	N/A	0.00075	
	Alcohol Ethoxylate Surfactants	N/A	0.00017	
	n-olefins	N/A	0.00009	
	Tetrasodium Ethylenediaminetetraacetate	64-02-8	0.00008	
	Propargyl Alcohol	107-19-7	0.00007	
	Water	7732-18-5		
	Buffer	N/A		
	Acetic Acid	64-19-7		
	Surfactant	N/A		
	Cinnamic Aldehyde	104-55-2		

^{*} Total Water Volume sources may include fresh water, produced water, and/or recycled water ** Information is based on the maximum potential for concentration and thus the total may be over 100%

Note: For Field Development Products (products that begin with FDP), MSDS level only information has been provided.
Ingredient information for chemicals subject to 29 CFR 1910.1200(i) and Appendix D are obtained from suppliers Material Safety Data Sheets (MSDS)

Directional	Measured	Sub-Sea	Vertical	True Vert	Northings (+)	Eastings (+)	Vert	DLS				
Survey	Depth	Incl.	Azim.	Depth	Southings (-)	Westings (-)	Section	deg/100'				
Calculations	(ft)	(deg)	(ft)	(ft)	(ft)	(ft)	(ft)	(deg)	FNL	FSL	FWL	FEL
SHL	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	220	5054	3686	1700
BHL	8285	89.90	181.10	4441.07	-4088.11	-281.30	4097.55	0.05	4305	969	3345	1985
Miss Entry	4576	65.83	187.40	4391.72	-394.29	-265.43	409.08	8.94	612	4662	3415	1966
Top Perf	4602	67.99	186.85	4401.99	-417.98	-268.41	432.91	8.51	635	4639	3412	1969
Bollom Perf	8285	89.90	181.10	4441.07	-4088.11	-281.30	4097.55	0.05	4305	969	3345	1985
79.5											120	

Survey Points

X
NW Corner XY Coord
SW Corner XY Coord
NE Corner XY Coord
SE Corner XY Coord
2198444
SE Corner XY Coord
2198449

X Y Surface XY 2196744 162032 Morth Line slope 0.0100204
East Line slope 0.0009486
South Line slope 0.0114748
West Line slope -0.0147783

Depth Incl. April Oct. April Oct. Oct	1	Measured	Sub-Sea	Vertical	True Vert	Northings (+)	Eastings (+)	Vert	DLS				
(iii) (iii		18.10 _{max} (2.1	20 Mg - 100 mg	Market Company of the	THE RESERVE OF THE PARTY OF THE			100 May 100 Ma					
Bername										FNL	FSL	FWL	FEL
1412 0.70 313.0 947.94 2.4 -8.7 -1.65 0.33 218 5056 3678 1709	owers,							Company of the control of the contro					
1412													
184													
1985 1,00 167,70 2358,89 5,2 -16,6 5-5,25 0.12 214 5060 3670 1716 1													
1940 1940													
1717 1716 1717 1716 1716 1717 1716 1716 1717		2832	0.30	21.60	2831.88	5.8		-4.84	0.14	214	5060	3671	
1719 1815 1816													
8 3378													
1724 1725 1726													
1728 1728													
1940 19.00 256.00 3941.50 2.5													
1,00 259,40 10,00 259,40 3684,88 1-1,6													
1													
178 178 175 270,80 3769.50 5-52 -102.6													
1985 1985 1985 1985 1985 1985 1985 1985 1985 1982 1985													
3841 19.50 265.00 3829.60 -5.6 -121.5 12.66 8.17 224 5049 3665 1822 3873 21.30 257.00 3859.60 -7.3 -132.5 15.00 9.64 266 5048 3554 1833 3904 22.40 248.00 3883.88 -10.6 -143.5 18.95 11.25 229 5045 3543 1844 3835 23.70 24.15 310.69 1 -15.7 -154.5 18.95 11.25 229 5045 3543 1844 3825 21.65 3897 25.40 23.50 3846.02 -22.6 -165.8 32.26 9.10 241 5033 352 1855 3986 26.70 22.80 3973.87 -31.0 -176.5 14.124 11.41 249 5025 3509 1877 4061 28.20 21.40 401.45 -41.1 -168.4 51.90 11.65 259 5015 34.99 1887 4061 28.20 21.40 4029 27.70 401.45 -41.1 -168.4 51.90 11.65 259 5015 34.99 1887 4124 27.90 20.20 401.45 -41.1 -168.4 51.90 11.65 259 5015 34.99 1887 4124 27.90 20.20 40 408.46 -76.9 -200.3 77.12 9.55 283 4980 3482 1903 4124 27.90 20.20 40 408.8 46 -76.9 -200.3 79.94 8.20 227 4077 3476 1910 4155 22.30 198.40 4112.67 -92.8 -201.45 10.51 27.65 311 4983 3470 1915 4187 32.60 195.40 4140.12 -108.5 -219.3 121.12 11.33 326 4988 3465 1920 425 37.70 418.90 37.70 416.82 42.00 37.70 416.82 42.00 37.70 416.82 42.00 42.00 40.14 51.50 42.00 4													
3904 2240 248.90 3888.38 -10.6 -143.5 18.95 11.25 229 5045 3543 1844 3835 2370 24150 38169 1 -15.7 -154.5 24.68 10.24 234 5040 3532 1855 38967 25.40 235.00 3846.02 -22.6 -168.8 32.26 9.10 241 5033 3520 1866 3898 26.70 228.30 3873.87 -31.0 -176.5 14.124 11.41 249 5025 3509 1877 4616 122.00 21.40 4029.73 -53.0 -185.5 41.24 11.41 249 5025 3509 1877 4616 122.00 21.40 4029.73 -53.0 -185.5 44.30 9.64 271 5033 3490 1887 412.6 4092 27.60 208.00 4057.13 -65.4 -202.0 77.12 9.55 283 4890 3482 1903 412.6 47.90 20.20 24.0 4085.4 -76.9 -202.3 90.94 8.20 227 4977 3476 1910 4155 22.0 1915 4157 22.0													
3985 2370 241,50 3916,91 -15.7 -154.5 24.68 10,24 234 5040 3352 1856 3898 26.70 2538.00 3973.07 -31.0 -170.5 41.24 11.1 5033 3920 1869 4029 27.70 228,30 3973.07 -31.0 -170.5 41.24 11.1 1.1 249 5025 3509 1877 4029 27.70 20.70 401.45 -41.1 -186.4 51.90 11.65 259 5015 3509 1877 4029 27.70 20.70 401.45 -41.1 -186.4 51.90 11.65 259 5015 3499 1880 4092 27.60 20.80 4029.73 -53.0 -195.5 64.30 9.64 271 5003 3490 1886 4092 27.60 20.80 4029.73 -53.0 -195.5 64.30 9.64 271 5003 3490 1886 4092 27.60 20.80 4025.73 -53.0 -195.5 64.30 9.64 271 5003 3490 1886 4124 27.90 202.40 4026.73 -52.20 20.30 77.12 9.55 2283 4990 3482 1902 41.24 4124 27.90 202.40 4026.40 -72.92 20.30 90.94 8.20 297 4977 3476 1915 4187 32.60 195.40 410.12 -108.5 -213.3 121.12 11.38 326 4948 3465 1920 41.61 41.6					3859.60							3554	1833
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		0,00	23.00		0.00	.000,0	200.0	1010.00	2.00	,520	0 104	5500	1512

Measured	Sub-Sea	Verlical	True Vert	Northings (+)	Eastings (+)	Vert	DLS				
Depth	Incl.	Azim.	Depth	Southings (-)	Westings (-)	Section	deg/100'				
(ft)	(deg)	(ft)	(ft)	(ft)	(ft)	(ft)	(deg)	FNL	FSL	FWL	FEL
5893	93.30	182.00	4468.33	-1697.8	-272.2	1710.78	1.17	1915	3359	3389	1974
5987	93.30	181.30	4462.92	-1791.6	-274.9	1804.58	0.74	2009	3265	3385	1977
6081	93.90	182.60	4457.01	-1885.4	-278.1	1898.36	1.52	2103	3171	3380	1980
6175	93.60	182.20	4450.87	-1979.1	-282.0	1992.15	0.53	2196	3078	3375	1984
6268	93.40	180.60	4445.19	-2071.9	-284,3	2084.92	1.73	2289	2985	3371	1986
6363	93.30	180.70	4439.64	-2166.7	-285.4	2179.65	0.15	2384	2890	3369	1988
6458	93.20	180.80	4434.25	-2261.5	-286.6	2274.40	0.15	2479	2795	3366	1989
6552	91.90	180.00	4430.07	-2355.4	-287.3	2368.18	1.62	2573	2701	3364	1990
6647	92.20	179.50	4426.67	-2450.4	-286.9	2462.94	0.61	2667	2606	3363	1989
6741	89.60	179.60	4425.19	-2544.4	-286.1	2556.71	2.77	2761	2512	3363	1989
6765	89.50	179.30	4425.38	-2568.4	-285.9	2580.65	1.32	2785	2488	3362	1989
6860	90.00	180.40	4425.80	-2663.4	-285.6	2675.48	1.27	2880	2393	3361	1988
6954	90.40	181.10	4425.47	-2757.3	-286.9	2769.38	0.86	2974	2300	3359	1990
7049	89.00	179.40	4425.97	-2852.3	-287.3	2864.23	2.32	3069	2205	3357	1990
7143	88.90	178.50	4427.69	-2946.3	-285.6	2957.94	0.96	3163	2111	3357	1989
7235	89.50	179.30	4428.97	-3038,3	-283.8	3049.65	1.09	3255	2019	3358	1987
7330	89.80	179.20	4429.55	-3133.3	-282.6	3144.41	0.33	3350	1924	3357	1986
7424	89.00	179.20	4430.54	-3227.3	-281.2	3238.16	0.85	3444	1830	3357	1985
7519	88.50	179.00	4432.61	-3322.2	-279.8	3332.88	0.57	3539	1735	3357	1983
7614	89.60	179.90	4434.19	-3417.2	-278.8	3427.64	1.50	3634	1640	3357	1982
7709	90.00	180.30	4434.52	-3512.2	-279.0	3522.49	0.60	3729	1545	3355	1983
7803	89.60	180.10	4434.85	-3606.2	-279.3	3616.35	0.48	3823	1451	3354	1983
7898	89.10	179.50	4435.92	-3701.2	-279.0	3711.16	0.82	3918	1356	3353	1983
7993	88.60	179.40	4437.83	-3796.2	-278.1	3805.92	0.54	4013	1261	3352	1982
8088	88.90	180.50	4439.90	-3891.1	-278.0	3900.73	1.20	4108	1166	3351	1982
8182	89.90	181.10	4440.89	-3985.1	-279.3	3994.63	1.24	4202	1072	3348	1983
8289	89.90	181.10	4441.07	-4092.1	-281.4	4101.55	0.00	4309	965	3344	1985

