

Submit 1 Copy To Appropriate District Office
District I - (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II - (575) 748-1283
811 S. First St., Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV - (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103
Revised July 18, 2013

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-025-44508
1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐		5. Indicate Type of Lease STATE ☒ FEE ☐
2. Name of Operator Caza Oil and Gas, Inc		6. State Oil & Gas Lease No.
3. Address of Operator 200 N. Lorraine St #1550., Midland, TX 79701		7. Lease Name or Unit Agreement Name Sioux 36 State
4. Well Location Unit Letter D : 50 feet from the north line and 330 feet from the west line Section 36 Township 25S Range 35E NMPM County Lea		8. Well Number 5H
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3108'GR		9. OGRID Number 249099
		10. Pool name or Wildcat WC-025 G-08 S2535340;BONE SPRING

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	P AND A ☐
PULL OR ALTER CASING ☒	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐	
DOWNHOLE COMMINGLE ☐			
CLOSED-LOOP SYSTEM ☐			
OTHER: ☐		OTHER: ☐	

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Caza proposes to change the intermediate casing setting depth from 5000' to 9200'. Casing setting is as follows.
0-3900' 9.625" 40# J55
3900-5100' 9.625" 40# L80
5100-9200' 9.625" 47# HCL80
Cement with Lead 2365sx 11ppg NeoCem IT
Cement with Tail 317sx 14.8ppg HalCem C

Spud Date:

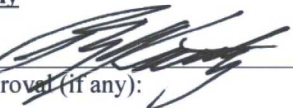
Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE  TITLE **Contract Engineer** DATE **03/05/2018**

Type or print name **Steve Morris** E-mail address: **steve.morris@mojoenergy.com** PHONE: _____

For State Use Only

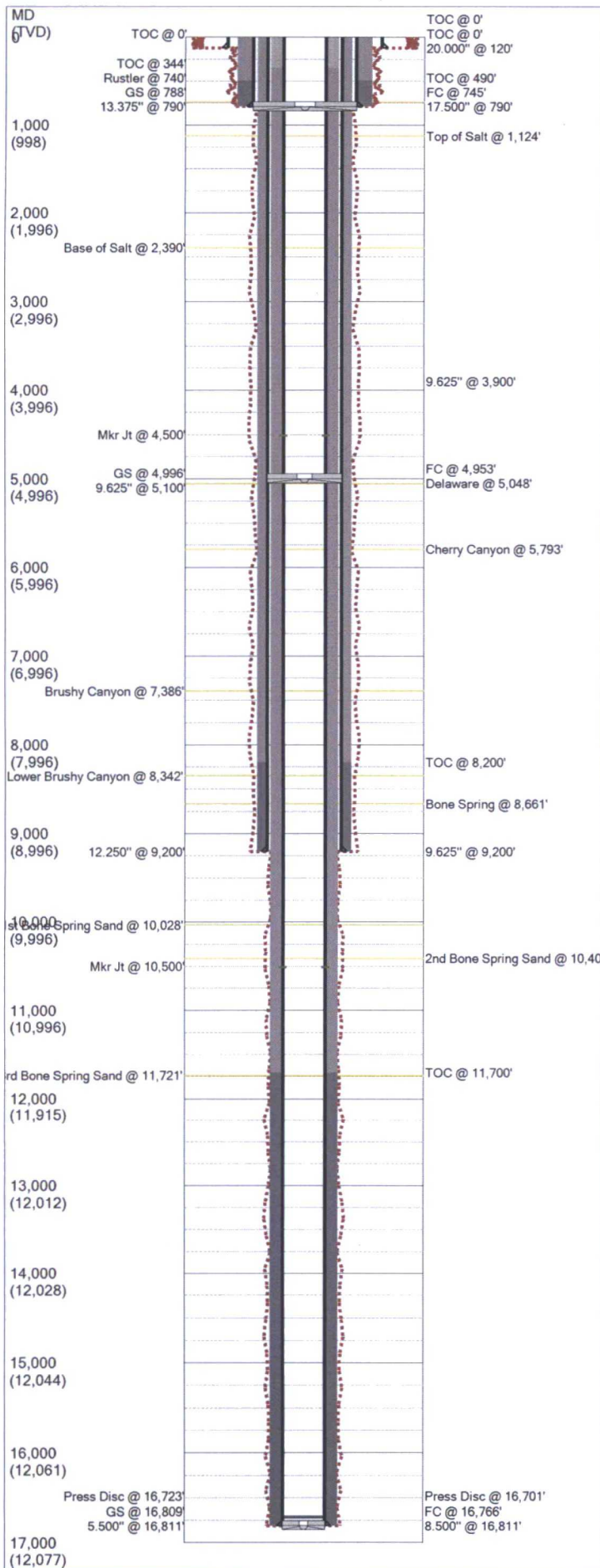
APPROVED BY:  TITLE **Petroleum Engineer** DATE **03/30/18**

Conditions of Approval (if any):

Last Updated: 3/5/2018 07:48 AM



Field Name			Lease Name			Well No.			
Dogie Draw			Sioux 36 State			5H			
County			State			API No.			
Lea			New Mexico			30-025-44508			
Version		Version Tag							
1		Planned							
GL (ft)		KB (ft)		Section	Township/Block		Range/Survey		
3,108.0		3,130.0		36	25S		35E		
Operator				Well Status		Latitude		Longitude	
Caza Operating				Planned		32.093953		-103.328679	
Dist. N/S (ft)		N/S Line		Dist. E/W (ft)		E/W Line		Footage From	
50		FNL		330		FWL		SECTION	
Prop Num					Spud Date		Comp. Date		
317657									
Additional Information									
Planned for plug and perf with 29-30 stages									
OGRID			Pool Name and Code		Well Type		Dedicated Acres		
249099			WC-025 G-08 S2535340; BS (97088)		Horizontal, Oil		160		
Prepared By			Updated By			Last Updated			
Steve Morris			Steve Morris			3/5/2018 7:48 AM			
Hole Summary									
Date		Diam. (in)	Top (MD ft)	Bottom (MD ft)	Comments				
		26.000	0	120					
		17.500	120	790					
		12.250	790	9,200					
		8.500	9,200	16,811					
Tubular Summary									
Date		Description		O.D. (in)	Wt (lb/ft)	Grade	Top (MD ft)	Bottom (MD ft)	
		Conductor Casing		20.000	94.00	H40	0	120	
		Surface Casing		13.375	54.50	J55	0	790	
		Intermediate Casing		9.625	40.00	J55	0	3,900	
		Intermediate Casing		9.625	40.00	L80	0	5,100	
		Intermediate Casing		9.625	47.00	HCL80	5,100	9,200	
		Production Casing		5.500	20.00	P110	0	16,811	
Casing Cement Summary									
C	Date	No. Sx	Csg. O.D. (in)	Top (MD ft)	Bottom (MD ft)	Comments			
		303	13.375	0	490	Surface hole cement on the Sioux 36 State 1H returned 254sx to surface using 385sx			
		231	13.375	490	790	Surface hole cement on the Sioux 36 State 1H returned 254sx to surface using 335sx			
		2,365	9.625	0	8,200	35% Excess based on Sioux 36 State 1H with 30% excess returned 10sx to surface			
		317	9.625	8,200	9,200	40% Excess based on Sioux 36 State 1H with 30% excess returned 10sx to surface			
		100	5.500	0	344				



C	Date	No. Sx	Csg. O.D. (in)	Top (MD ft)	Bottom (MD ft)	Comments
		1,588	5.500	344	11,700	50% Excess based Sioux 36 State 1H TOC @ 2765' with 760sx 30% excess
		897	5.500	11,700	16,811	50% Excess based Sioux 36 State 1H TOC @ 2765' with 795sx 30% excess

Tools/Problems Summary

Date	Tool Type	O.D. (in)	I.D. (in)	Top (MD ft)	Bottom (MD ft)
	FC	13.375	0.000	745	0
	GS	13.375	0.000	788	0
	Mkr Jt	5.500	0.000	4,500	4,521
	FC	9.625	0.000	4,953	0
	GS	9.625	0.000	4,996	0
	Mkr Jt	5.500	0.000	10,500	10,521
	Press Disc	5.500	0.000	16,701	0
	Press Disc	5.500	0.000	16,723	0
	FC	5.500	0.000	16,766	0
	GS	5.500	0.000	16,809	0

Formation Tops Summary

Formation	Top (TVD ft)	Comments
Rustler	740	
Top of Salt	1,124	
Base of Salt	2,390	
Delaware	5,048	
Cherry Canyon	5,793	
Brushy Canyon	7,386	Losses expected at 7490' - 8000'. MW needs to be 8.8ppg
Lower Brushy Canyon	8,342	
Bone Spring	8,661	
1st Bone Spring Sand	10,028	
2nd Bone Spring Sand	10,406	
3rd Bone Spring Sand	11,721	

Last Updated: 3/5/2018 07:48 AM



Field Name		Lease Name		Well No.	County		State		API No.	
Dogie Draw		Sioux 36 State		5H	Lea		New Mexico		30025445080000	
Version	Version Tag					Spud Date		Comp. Date	GL (ft)	KB (ft)
1	Planned								3,108.0	3,130.0
Section	Township/Block		Range/Survey		Dist. N/S (ft)	N/S Line	Dist. E/W (ft)	E/W Line	Footage From	
36	25S		35E		50	FNL	330	FWL	SECTION	
Operator			Well Status			Latitude		Longitude		Prop Num
Caza Operating			Planned			32.093953		-103.328679		317657
OGRID		Pool Name and Code			Well Type				Dedicated Acres	
249099		WC-025 G-08 S2535340; BS (97088)			Horizontal, Oil				160	
Last Updated		Prepared By				Updated By				
03/05/2018 7:48 AM		Steve Morris				Steve Morris				

Additional Information

Planned for plug and perf with 29-30 stages

Hole Summary

Date	Diam. (in)	Top (MD ft)	Bottom (MD ft)	Comments
	26.000	0	120	
	17.500	120	790	
	12.250	790	9,200	
	8.500	9,200	16,811	

Tubular Summary

Date	Description	No. Jts	O.D. (in)	Wt (lb/ft)	Grade	Coupling	Top (MD ft)	Bottom (MD ft)	Comments
	Conductor Casing	3	20.000	94.00	H40		0	120	
	Surface Casing	19	13.375	54.50	J55	BTC	0	790	Test to 1500psi for 30 mins
	Intermediate Casing	95	9.625	40.00	J55	LTC	0	3,900	Test to 1500psi for 30 mins
	Intermediate Casing	29	9.625	40.00	L80	LTC	0	5,100	Test to 1500psi for 30 mins
	Intermediate Casing	100	9.625	47.00	HCL80	LTC	5,100	9,200	Test to 1500psi for 30 mins
	Production Casing	410	5.500	20.00	P110	GBCD	0	16,811	Test to 8000psi for 30 mins

Casing Cement Summary

C	Date	No. Sx	Yield (ft3/sk)	Vol. (ft3)	Csg. O.D. (in)	Top (MD ft)	Bottom (MD ft)	Description	Comments
		303	1.68	510	13.375	0	490	13.7ppg ExtendaCem CZ + 0.125lbm Poly-E-Flake + 3lbm Kol-Seal	Surface hole cement on the Sioux 36 State 1H returned 254sx to surface using 385sx
		231	1.35	312	13.375	490	790	14.8ppg HalCem C + 0.125lbm Poly-E-Flake + 1% CaCl2	Surface hole cement on the Sioux 36 State 1H returned 254sx to surface using 335sx
		2,365	1.47	3,465	9.625	0	8,200	11ppg NeoCem IT	35% Excess based on Sioux 36 State 1H with 30% excess returned 10sx to surface
		317	1.33	422	9.625	8,200	9,200	14.8ppg HalCem C	40% Excess based on Sioux 36 State 1H with 30% excess returned 10sx to surface
		100	3.44	344	5.500	0	344	10.5ppg TergoVis	
		1,588	2.79	4,431	5.500	344	11,700	11.5ppg EconoCem H + 0.25lbm D-Air 5000 + 0.05% SA-1015 + 0.65% HR-601	50% Excess based Sioux 36 State 1H TOC @ 2765' with 760sx 30% excess
		897	2.16	1,937	5.500	11,700	16,811	14.5ppg NeoCem AS	50% Excess based Sioux 36 State 1H TOC @ 2765' with 795sx 30% excess

Tools/Problems Summary

Date	Tool Type	O.D. (in)	I.D. (in)	Top (MD ft)	Bottom (MD ft)	Description	Comments
	Float Collar	13.375	0.000	745	0		
	Guide Shoe	13.375	0.000	788	0		
	Marker Joint	5.500	0.000	4,500	4,521		
	Float Collar	9.625	0.000	4,953	0		
	Guide Shoe	9.625	0.000	4,996	0		
	Marker Joint	5.500	0.000	10,500	10,521		
	Pressure Disc	5.500	0.000	16,701	0		
	Pressure Disc	5.500	0.000	16,723	0		
	Float Collar	5.500	0.000	16,766	0		

Last Updated: 3/5/2018 07:48 AM



Date	Tool Type	O.D. (in)	I.D. (in)	Top (MD ft)	Bottom (MD ft)	Description	Comments
	Guide Shoe	5.500	0.000	16,809	0		

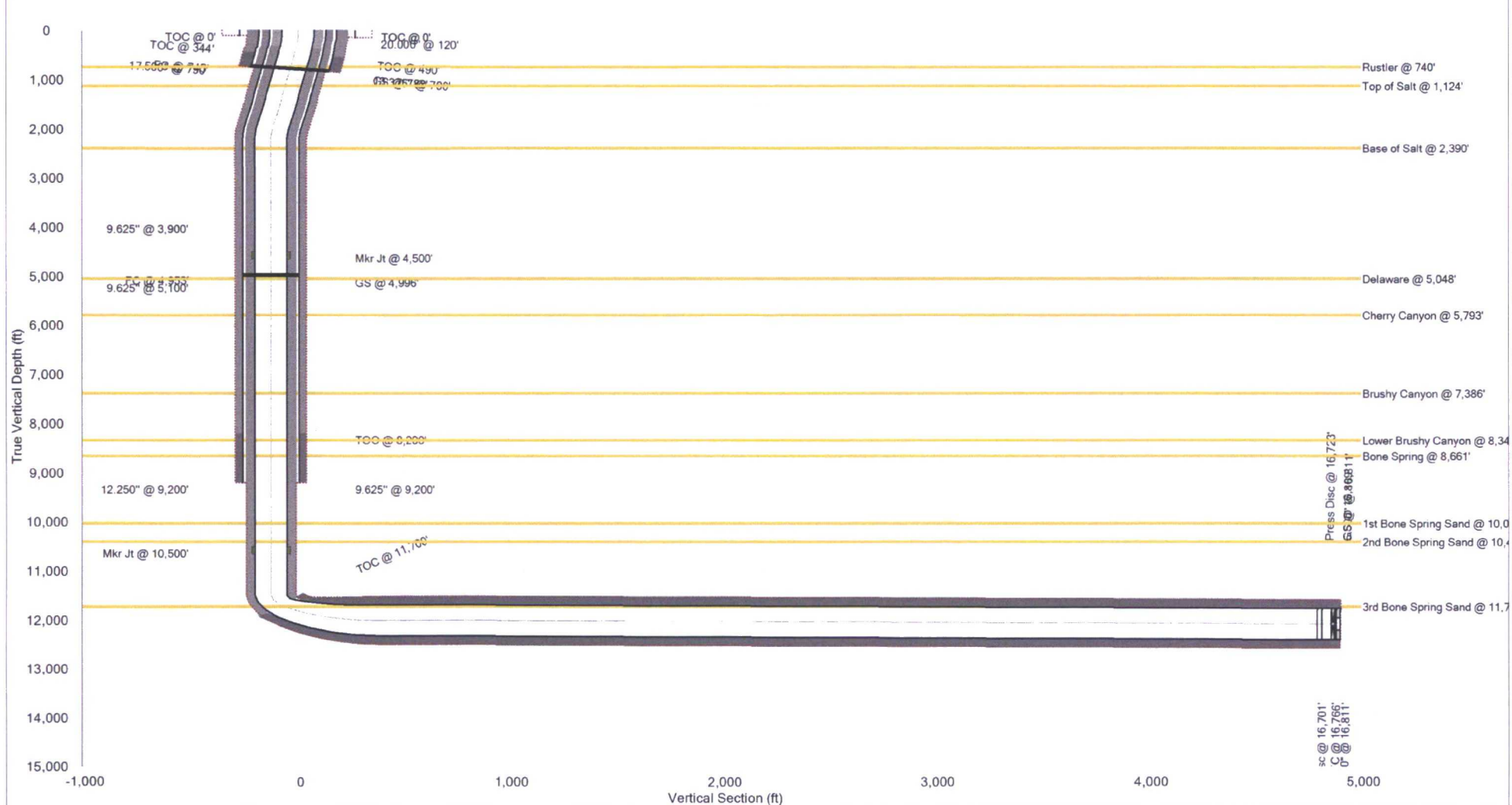
Formation Top Summary

Formation Name	Top(TVD ft)	Comments
Rustler	740	
Top of Salt	1,124	
Base of Salt	2,390	
Delaware	5,048	
Cherry Canyon	5,793	
Brushy Canyon	7,386	Losses expected at 7490' - 8000'. MW needs to be 8.8ppg
Lower Brushy Canyon	8,342	
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1st Bone Spring Sand	10,028	
2nd Bone Spring Sand	10,406	
3rd Bone Spring Sand	11,721	

Last Updated: 3/5/2018 07:48 AM



Field Name		Lease Name				Well No.		County	State	API No.
Dogie Draw		Sioux 36 State				5H		Lea	New Mexico	30025445080000
Version	Version Tag					Spud Date		Comp. Date	G.L. (ft)	K.B. (ft)
1	Planned								3,108.0	3,130.0
Sec.	Township/Block	Range/Survey	Dist. N/S (ft)	N/S Line	Dist. E/W (ft)	E/W Line	Footage From	Latitude	Longitude	
36	25S	35E	50	FNL	330	FWL		32.093953	-103.328679	
Well Status		PropNum	Operator		Last Updated			Prepared By	Updated By	
Planned		317657	Caza Operating		3/5/2018 7:48:43 AM			Steve Morris	Steve Morris	
Additional Information										
Planned for plug and perf with 29-30 stages										



Field Name		Lease Name		Well No.	API No.	Version	Version Tag		
Dogie Draw		Sioux 36 State		5H	30025445080000	1	Planned		
Section	Township/Block		Range/Survey	County		State		GL (ft)	KB (ft)
36	25S		35E	Lea		New Mexico		3,108.0	3,130.0
Target N (-S) (ft)		Target E (-W) (ft)		Latitude		Longitude		Operator	Well Status
0		0		32.093953		-103.328679		Caza Operating	Planned
Additional Information									
Planned for plug and perf with 29-30 stages									

Measured Depth (ft)	Inclination (deg)	Azimuth (deg)	TVD (ft)	Vertical Section (ft)	Coordinate N (-S) (ft)	Coordinate E (-W) (ft)	DLS (deg/100 ft)
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
100.0	0.0	0.0	100.0	0.0	0.0	0.0	0.00
200.0	2.0	330.0	200.0	-1.5	1.5	-0.9	2.00
300.0	4.0	330.0	299.8	-6.1	6.0	-3.5	2.00
400.0	4.0	331.4	399.6	-12.2	12.1	-6.9	0.10
500.0	4.0	332.9	499.4	-18.4	18.3	-10.2	0.10
600.0	4.0	334.3	599.1	-24.6	24.5	-13.2	0.10
700.0	4.0	335.7	698.9	-31.0	30.8	-16.2	0.10
800.0	4.0	337.1	798.6	-37.4	37.2	-19.0	0.10
900.0	4.0	338.6	898.4	-43.8	43.6	-21.6	0.10
1,000.0	4.0	340.0	998.1	-50.4	50.1	-24.1	0.10
1,100.0	4.0	340.0	1,097.9	-56.9	56.7	-26.4	0.00
1,200.0	4.0	340.0	1,197.7	-63.5	63.2	-28.8	0.00
1,300.0	4.0	340.0	1,297.4	-70.1	69.8	-31.2	0.00
1,400.0	4.0	340.0	1,397.2	-76.7	76.4	-33.6	0.00
1,500.0	4.0	340.0	1,496.9	-83.3	82.9	-36.0	0.00
1,600.0	4.0	350.0	1,596.7	-90.0	89.6	-37.8	0.70
1,700.0	4.0	350.0	1,696.4	-96.9	96.5	-39.0	0.00
1,800.0	4.0	350.0	1,796.2	-103.7	103.4	-40.2	0.00
1,900.0	4.0	350.0	1,896.0	-110.6	110.2	-41.4	0.00
2,000.0	4.0	350.0	1,995.7	-117.5	117.1	-42.6	0.00
2,100.0	2.0	350.0	2,095.6	-122.7	122.3	-43.5	2.00
2,200.0	0.0	350.0	2,195.5	-124.4	124.0	-43.8	2.00
2,300.0	0.0	0.0	2,295.5	-124.4	124.0	-43.8	0.00
2,400.0	0.0	0.0	2,395.5	-124.4	124.0	-43.8	0.00
2,500.0	0.0	0.0	2,495.5	-124.4	124.0	-43.8	0.00
2,600.0	0.0	0.0	2,595.5	-124.4	124.0	-43.8	0.00
2,700.0	0.0	0.0	2,695.5	-124.4	124.0	-43.8	0.00
2,800.0	0.0	0.0	2,795.5	-124.4	124.0	-43.8	0.00
2,900.0	0.0	0.0	2,895.5	-124.4	124.0	-43.8	0.00
3,000.0	0.0	0.0	2,995.5	-124.4	124.0	-43.8	0.00
3,100.0	0.0	0.0	3,095.5	-124.4	124.0	-43.8	0.00
3,200.0	0.0	0.0	3,195.5	-124.4	124.0	-43.8	0.00
3,300.0	0.0	0.0	3,295.5	-124.4	124.0	-43.8	0.00
3,400.0	0.0	0.0	3,395.5	-124.4	124.0	-43.8	0.00
3,500.0	0.0	0.0	3,495.5	-124.4	124.0	-43.8	0.00
3,600.0	0.0	0.0	3,595.5	-124.4	124.0	-43.8	0.00
3,700.0	0.0	0.0	3,695.5	-124.4	124.0	-43.8	0.00
3,800.0	0.0	0.0	3,795.5	-124.4	124.0	-43.8	0.00
3,900.0	0.0	0.0	3,895.5	-124.4	124.0	-43.8	0.00
4,000.0	0.0	0.0	3,995.5	-124.4	124.0	-43.8	0.00
4,100.0	0.0	0.0	4,095.5	-124.4	124.0	-43.8	0.00
4,200.0	0.0	0.0	4,195.5	-124.4	124.0	-43.8	0.00
4,300.0	0.0	0.0	4,295.5	-124.4	124.0	-43.8	0.00
4,400.0	0.0	0.0	4,395.5	-124.4	124.0	-43.8	0.00
4,500.0	0.0	0.0	4,495.5	-124.4	124.0	-43.8	0.00
4,600.0	0.0	0.0	4,595.5	-124.4	124.0	-43.8	0.00
4,700.0	0.0	0.0	4,695.5	-124.4	124.0	-43.8	0.00
4,800.0	0.0	0.0	4,795.5	-124.4	124.0	-43.8	0.00
4,900.0	0.0	0.0	4,895.5	-124.4	124.0	-43.8	0.00
5,000.0	0.0	0.0	4,995.5	-124.4	124.0	-43.8	0.00
5,100.0	0.0	0.0	5,095.5	-124.4	124.0	-43.8	0.00
5,200.0	0.0	0.0	5,195.5	-124.4	124.0	-43.8	0.00
5,300.0	0.0	0.0	5,295.5	-124.4	124.0	-43.8	0.00

Measured Depth (ft)	Inclination (deg)	Azimuth (deg)	TVD (ft)	Vertical Section (ft)	Coordinate N (-S) (ft)	Coordinate E (-W) (ft)	DLS (deg/100 ft)
5,400.0	0.0	0.0	5,395.5	-124.4	124.0	-43.8	0.00
5,500.0	0.0	0.0	5,495.5	-124.4	124.0	-43.8	0.00
5,600.0	0.0	0.0	5,595.5	-124.4	124.0	-43.8	0.00
5,700.0	0.0	0.0	5,695.5	-124.4	124.0	-43.8	0.00
5,800.0	0.0	0.0	5,795.5	-124.4	124.0	-43.8	0.00
5,900.0	0.0	0.0	5,895.5	-124.4	124.0	-43.8	0.00
6,000.0	0.0	0.0	5,995.5	-124.4	124.0	-43.8	0.00
6,100.0	0.0	0.0	6,095.5	-124.4	124.0	-43.8	0.00
6,200.0	0.0	0.0	6,195.5	-124.4	124.0	-43.8	0.00
6,300.0	0.0	0.0	6,295.5	-124.4	124.0	-43.8	0.00
6,400.0	0.0	0.0	6,395.5	-124.4	124.0	-43.8	0.00
6,500.0	0.0	0.0	6,495.5	-124.4	124.0	-43.8	0.00
6,600.0	0.0	0.0	6,595.5	-124.4	124.0	-43.8	0.00
6,700.0	0.0	0.0	6,695.5	-124.4	124.0	-43.8	0.00
6,800.0	0.0	0.0	6,795.5	-124.4	124.0	-43.8	0.00
6,900.0	0.0	0.0	6,895.5	-124.4	124.0	-43.8	0.00
7,000.0	0.0	0.0	6,995.5	-124.4	124.0	-43.8	0.00
7,100.0	0.0	0.0	7,095.5	-124.4	124.0	-43.8	0.00
7,200.0	0.0	0.0	7,195.5	-124.4	124.0	-43.8	0.00
7,300.0	0.0	0.0	7,295.5	-124.4	124.0	-43.8	0.00
7,400.0	0.0	0.0	7,395.5	-124.4	124.0	-43.8	0.00
7,500.0	0.0	0.0	7,495.5	-124.4	124.0	-43.8	0.00
7,600.0	0.0	0.0	7,595.5	-124.4	124.0	-43.8	0.00
7,700.0	0.0	0.0	7,695.5	-124.4	124.0	-43.8	0.00
7,800.0	0.0	0.0	7,795.5	-124.4	124.0	-43.8	0.00
7,900.0	0.0	0.0	7,895.5	-124.4	124.0	-43.8	0.00
8,000.0	0.0	0.0	7,995.5	-124.4	124.0	-43.8	0.00
8,100.0	0.0	0.0	8,095.5	-124.4	124.0	-43.8	0.00
8,200.0	0.0	0.0	8,195.5	-124.4	124.0	-43.8	0.00
8,300.0	0.0	0.0	8,295.5	-124.4	124.0	-43.8	0.00
8,400.0	0.0	0.0	8,395.5	-124.4	124.0	-43.8	0.00
8,500.0	0.0	0.0	8,495.5	-124.4	124.0	-43.8	0.00
8,600.0	0.0	0.0	8,595.5	-124.4	124.0	-43.8	0.00
8,700.0	0.0	0.0	8,695.5	-124.4	124.0	-43.8	0.00
8,800.0	0.0	0.0	8,795.5	-124.4	124.0	-43.8	0.00
8,900.0	0.0	0.0	8,895.5	-124.4	124.0	-43.8	0.00
9,000.0	0.0	0.0	8,995.5	-124.4	124.0	-43.8	0.00
9,100.0	0.0	0.0	9,095.5	-124.4	124.0	-43.8	0.00
9,200.0	0.0	0.0	9,195.5	-124.4	124.0	-43.8	0.00
9,300.0	0.0	0.0	9,295.5	-124.4	124.0	-43.8	0.00
9,400.0	0.0	0.0	9,395.5	-124.4	124.0	-43.8	0.00
9,500.0	0.0	0.0	9,495.5	-124.4	124.0	-43.8	0.00
9,600.0	0.0	0.0	9,595.5	-124.4	124.0	-43.8	0.00
9,700.0	0.0	0.0	9,695.5	-124.4	124.0	-43.8	0.00
9,800.0	0.0	0.0	9,795.5	-124.4	124.0	-43.8	0.00
9,900.0	0.0	0.0	9,895.5	-124.4	124.0	-43.8	0.00
10,000.0	0.0	0.0	9,995.5	-124.4	124.0	-43.8	0.00
10,100.0	0.0	0.0	10,095.5	-124.4	124.0	-43.8	0.00
10,200.0	0.0	0.0	10,195.5	-124.4	124.0	-43.8	0.00
10,300.0	0.0	0.0	10,295.5	-124.4	124.0	-43.8	0.00
10,400.0	0.0	0.0	10,395.5	-124.4	124.0	-43.8	0.00
10,500.0	0.0	0.0	10,495.5	-124.4	124.0	-43.8	0.00
10,600.0	0.0	0.0	10,595.5	-124.4	124.0	-43.8	0.00
10,700.0	0.0	0.0	10,695.5	-124.4	124.0	-43.8	0.00
10,800.0	0.0	0.0	10,795.5	-124.4	124.0	-43.8	0.00
10,900.0	0.0	0.0	10,895.5	-124.4	124.0	-43.8	0.00
11,000.0	0.0	0.0	10,995.5	-124.4	124.0	-43.8	0.00
11,100.0	0.0	0.0	11,095.5	-124.4	124.0	-43.8	0.00
11,200.0	0.0	0.0	11,195.5	-124.4	124.0	-43.8	0.00
11,300.0	0.0	0.0	11,295.5	-124.4	124.0	-43.8	0.00
11,400.0	0.0	0.0	11,395.5	-124.4	124.0	-43.8	0.00
11,500.0	1.8	173.0	11,495.5	-124.1	123.7	-43.8	1.76
11,600.0	12.8	173.0	11,594.6	-111.6	111.2	-42.3	11.00
11,700.0	23.8	173.0	11,689.4	-80.5	80.2	-38.5	11.00
11,800.0	34.8	173.0	11,776.5	-32.0	31.7	-32.5	11.00
11,900.0	45.8	173.0	11,852.7	32.1	-32.3	-24.6	11.00

Measured Depth (ft)	Inclination (deg)	Azimuth (deg)	TVD (ft)	Vertical Section (ft)	Coordinate N (-S) (ft)	Coordinate E (-W) (ft)	DLS (deg/100 ft)
12,000.0	56.8	173.0	11,915.2	109.5	-109.6	-15.2	11.00
12,100.0	67.8	173.0	11,961.7	197.3	-197.3	-4.4	11.00
12,200.0	78.8	173.0	11,990.4	292.3	-292.2	7.3	11.00
12,300.0	88.6	174.5	12,000.6	391.0	-390.9	19.2	9.91
12,400.0	89.1	178.9	12,002.3	490.9	-490.7	24.2	4.34
12,500.0	89.1	179.7	12,003.9	590.9	-590.7	24.9	0.84
12,600.0	89.1	179.7	12,005.5	690.9	-690.7	25.4	0.00
12,700.0	89.1	179.7	12,007.1	790.9	-790.6	26.0	0.00
12,800.0	89.1	179.7	12,008.8	890.8	-890.6	26.5	0.00
12,900.0	89.1	179.7	12,010.4	990.8	-990.6	27.0	0.00
13,000.0	89.1	179.7	12,012.0	1,090.8	-1,090.6	27.5	0.00
13,100.0	89.1	179.7	12,013.6	1,190.8	-1,190.6	28.1	0.00
13,200.0	89.1	179.7	12,015.3	1,290.8	-1,290.6	28.6	0.00
13,300.0	89.1	179.7	12,016.9	1,390.8	-1,390.6	29.1	0.00
13,400.0	89.1	179.7	12,018.5	1,490.8	-1,490.5	29.6	0.00
13,500.0	89.1	179.7	12,020.1	1,590.7	-1,590.5	30.2	0.00
13,600.0	89.1	179.7	12,021.8	1,690.7	-1,690.5	30.7	0.00
13,700.0	89.1	179.7	12,023.4	1,790.7	-1,790.5	31.2	0.00
13,800.0	89.1	179.7	12,025.0	1,890.7	-1,890.5	31.7	0.00
13,900.0	89.1	179.7	12,026.6	1,990.7	-1,990.5	-32.3	0.00
14,000.0	89.1	179.7	12,028.2	2,090.7	-2,090.5	32.8	0.00
14,100.0	89.1	179.7	12,029.9	2,190.7	-2,190.4	33.3	0.00
14,200.0	89.1	179.7	12,031.5	2,290.6	-2,290.4	33.8	0.00
14,300.0	89.1	179.7	12,033.1	2,390.6	-2,390.4	34.3	0.00
14,400.0	89.1	179.7	12,034.7	2,490.6	-2,490.4	34.9	0.00
14,500.0	89.1	179.7	12,036.4	2,590.6	-2,590.4	35.4	0.00
14,600.0	89.1	179.7	12,038.0	2,690.6	-2,690.4	35.9	0.00
14,700.0	89.1	179.7	12,039.6	2,790.6	-2,790.4	36.4	0.00
14,800.0	89.1	179.7	12,041.2	2,890.6	-2,890.3	37.0	0.00
14,900.0	89.1	179.7	12,042.9	2,990.5	-2,990.3	37.5	0.00
15,000.0	89.1	179.7	12,044.5	3,090.5	-3,090.3	38.0	0.00
15,100.0	89.1	179.7	12,046.1	3,190.5	-3,190.3	38.5	0.00
15,200.0	89.1	179.7	12,047.7	3,290.5	-3,290.3	39.1	0.00
15,300.0	89.1	179.7	12,049.3	3,390.5	-3,390.3	39.6	0.00
15,400.0	89.1	179.7	12,051.0	3,490.5	-3,490.3	40.1	0.00
15,500.0	89.1	179.7	12,052.6	3,590.5	-3,590.2	40.6	0.00
15,600.0	89.1	179.7	12,054.2	3,690.4	-3,690.2	41.2	0.00
15,700.0	89.1	179.7	12,055.8	3,790.4	-3,790.2	41.7	0.00
15,800.0	89.1	179.7	12,057.5	3,890.4	-3,890.2	42.2	0.00
15,900.0	89.1	179.7	12,059.1	3,990.4	-3,990.2	42.7	0.00
16,000.0	89.1	179.7	12,060.7	4,090.4	-4,090.2	43.2	0.00
16,100.0	89.1	179.7	12,062.3	4,190.4	-4,190.1	43.8	0.00
16,200.0	89.1	179.7	12,064.0	4,290.4	-4,290.1	44.3	0.00
16,300.0	89.1	179.7	12,065.6	4,390.3	-4,390.1	44.8	0.00
16,400.0	89.1	179.7	12,067.2	4,490.3	-4,490.1	45.3	0.00
16,500.0	89.1	179.7	12,068.8	4,590.3	-4,590.1	45.9	0.00
16,600.0	89.1	179.7	12,070.4	4,690.3	-4,690.1	46.4	0.00
16,700.0	89.1	179.7	12,072.1	4,790.3	-4,790.1	46.9	0.00
16,800.0	89.1	179.7	12,073.7	4,890.3	-4,890.0	47.4	0.00
16,811.0	89.1	179.7	12,073.9	4,901.3	-4,901.1	47.5	0.00