

State Lease - 6 copies
Fee Lease - 5 copies
District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

Energy, Minerals and Natural Resources

Revised March 25, 1999

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

WELL API NO. 30-015-33983

5. Indicate Type of Lease
STATE ☒ FEE ☐

State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:
OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐ Directional ☐ Horizontal ☐

b. Type of Completion:
NEW ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐
RECEIVED
JUN 06 2005

2. Name of Operator
Southwestern Energy Production Company

3. Address of Operator
2350 N. Sam Houston Parkway East, Suite 300 - Houston, TX 77032

4. Well Location
Unit Letter **C** : **330** Feet From The **N** Line and **1980** Feet From The **W** Line

Section **11** Township **25S** Range **29E** NMPM **Eddy** County

10. Date Spudded **4-14-2005** 11. Date T.D. Reached **5-6-2005** 12. Date Compl. (Ready to Prod.) **5-15-2005** 13. Elevations (DF& RKB, RT, GR, etc.) **3063' GR** 14. Elev. Casinghead **22'**

15. Total Depth **9379'** 16. Plug Back T.D. **9379'** 17. If Multiple Compl. How Many Zones? **0-9379'** 18. Intervals Drilled By **Rotary Tools** Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name **5695' - 9379'** 20. Was Directional Survey Made **Yes**

21. Type Electric and Other Logs Run **Mud Log** 21. Was Well Cored **No**

23. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
16"	Conductor	40'			
9-5/8"	36#	836'	12-1/4"	500 sx	
7"	23#	5695'	8-3/4"	325 sx	

24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8"	4843'	N/A

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
N/A	N/A

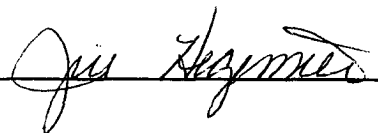
28. PRODUCTION

Date First Production 5-16-2005		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping			Well Status (Prod. or Shut-in) Prod.		
Date of Test 5-16-2005	Hours Tested 24	Choke Size OPEN	Prod'n For Test Period	Oil - Bbl 134	Gas - MCF 30	Water - Bbl. 12	Gas - Oil Ratio 857
Flow Tubing Press. 55	Casing Pressure 38	Calculated 24- Hour Rate	Oil - Bbl. 134	Gas - MCF 30	Water - Bbl. 12	Oil Gravity - API - (Corr.) 38	

29. Disposition of Gas (Sold, used for fuel, vented, etc.) **Vented** Test Witnessed By **Bruce Drummond**

30. List Attachments
Mud Log, Directional, Survey

31. I hereby certify that the information shown on both sides of this form as true and complete to the best of my knowledge and belief

Signature  Printed Name **Jill Hegemier** Title **Production Analyst** Date **6-2-2005**

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or reopened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 25 through 29 shall be reported for each zone. The form is to be filed in triplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Anhy _____ T. Canyon _____
 Salt _____ T. Strawn _____
 Salt _____ T. Atoka _____
 Yates _____ T. Miss _____
 7 Rivers _____ T. Devonian _____
 Queen _____ T. Silurian _____
 Grayburg _____ T. Montoya _____
 San Andres _____ T. Simpson _____
 Glorieta _____ T. McKee _____
 Paddock _____ T. Ellenburger _____
 Blinebry _____ T. Gr. Wash _____
 Tubb _____ T. Delaware Sand 3200' _____
 Drinkard _____ T. Bone Springs _____
 Abo _____ T. Bell Canyon _____
 Wolfcamp _____ T. Cherry Canyon _____
 Penn _____ T. Cherry Canyon 6 _____
 Cisco (Bough C) _____ T. Lower Cherry Canyon _____

Northwestern New Mexico

T. Ojo Alamo _____ T. Penn. "B" _____
 T. Kirtland-Fruitland _____ T. Penn. "C" _____
 T. Pictured Cliffs _____ T. Penn. "D" _____
 T. Cliff House _____ T. Leadville _____
 T. Menefee _____ T. Madison _____
 T. Point Lookout _____ T. Elbert _____
 T. Mancos _____ T. McCracken _____
 T. Gallup _____ T. Ignacio Otzte _____
 Base Greenhorn _____ T. Granite _____
 T. Dakota _____ T. Cherry Canyon 4 _____
 T. Morrison _____ T. Cherry Canyon 5 _____
 T. Todilto _____ T. Cherry Canyon 6 _____
 T. Entrada _____ T. Cherry Canyon 6 _____
 T. Wingate _____ T. _____
 T. Chinle _____ T. _____
 T. Permian _____ T. _____
 T. Penn "A" _____

OIL OR GAS SANDS OR ZONES

No. 1, from ...5695'to.....9379' No. 3, from.....to.....
 No. 2, from.....to..... No. 4, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....
 No. 2, from.....to.....feet.....
 No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology	From	To	Thickness In Feet	Lithology
28'	1000'	172'	Anhydrite & Shale				
1000'	1785'	785'	Salt				
1785'	3210'	1425'	Anhydrite, Salt, Shale				
3210'	4316'	1106'	Sand, Limestone, Shale				
4316'	4685'	369'	Sand, Shale				
4685'	5680'	995'	Sand, Shale, Limestone				
5680'	8420'	2740'	Sand, Shale				
8420'	8525'	105'	Shale				
8525'	9368'	843'	Sand, Shale				
NOTE: Measured Depth (MD)							

PathFinder

Survey Report

Company: Southwestern Energy & Producti
 Field: Karlsbad Corral Section 11
 Site: Karlsbad Corral 11-1H
 Well: Karlsbad Corral
 Wellpath: Original Hole

Date: 5/6/2005 Time: 08:39:18 Page: 1
 Co-ordinate(NE) Reference: Site: Karlsbad Corral 11-1H, True North
 Vertical (TVD) Reference: SITE 0.0
 Section (VS) Reference: Well (0.00N,0.00E,180.00Azi)
 Survey Calculation Method: Minimum Curvature Db: Sybase

Field: Karlsbad Corral Section 11

Map System: US State Plane Coordinate System 1927
 Geo Datum: NAD27 (Clarke 1866)
 Sys Datum: Mean Sea Level

Map Zone: New Mexico, Eastern Zone
 Coordinate System: Site Centre
 Geomagnetic Model: igrf2005

Site: Karlsbad Corral 11-1H

Eddy County, New Mexico

Site Position: Northing: 418833.67 ft Latitude: 32 9 3.350 N
 From: Geographic Easting: 616514.04 ft Longitude: 103 57 24.690 W
 Position Uncertainty: 0.00 ft North Reference: True
 Ground Level: 3063.00 ft Grid Convergence: 0.20 deg

Well: Karlsbad Corral

Slot Name:

Well Position: +N/-S 0.00 ft Northing: 418833.67 ft Latitude: 32 9 3.350 N
 +E/-W 0.00 ft Easting: 616514.04 ft Longitude: 103 57 24.690 W
 Position Uncertainty: 0.00 ft

RECEIVED

JUN 06 2005

COLLATERAL

Wellpath: Original Hole

Drilled From: Surface
 Tie-on Depth: 0.00 ft
 Above System Datum: Mean Sea Level
 Declination: 8.48 deg
 Mag Dip Angle: 60.20 deg
 +E/-W Direction
 ft deg

Current Datum: SITE Height 0.00 ft
 Magnetic Data: 4/11/2005
 Field Strength: 49183 nT
 Vertical Section: Depth From (TVD) +N/-S
 ft ft
 0.00 0.00 0.00 180.00

Survey: Gyro Survey

Start Date: 4/18/2005

Company: Gyrodata
 Tool:

Engineer:
 Tied-to: From Surface

Survey: Gyro Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
100.00	0.63	139.35	100.00	-0.42	0.36	0.42	0.63	0.63	0.00	
200.00	1.22	143.25	199.98	-1.69	1.35	1.69	0.59	0.59	3.90	
300.00	1.78	150.17	299.95	-3.89	2.76	3.89	0.59	0.56	6.92	
400.00	1.69	163.68	399.90	-6.65	3.95	6.65	0.42	-0.09	13.51	
500.00	1.39	166.88	499.87	-9.25	4.64	9.25	0.31	-0.30	3.20	
600.00	1.65	164.21	599.83	-11.81	5.31	11.81	0.27	0.26	-2.67	
700.00	1.81	166.10	699.79	-14.73	6.08	14.73	0.17	0.16	1.89	
753.00	1.53	166.09	752.76	-16.23	6.45	16.23	0.53	-0.53	-0.02	

PathFinder Energy Services

Survey Report

Page 1
Job No: J-WT-504-0054 WTWT
Date: 5/6/2005
Time: 8:13 am
Wellpath ID: kc11-1h
Date Created: 4/15/2005
Last Revision: 5/5/2005

Calculated using the Minimum Curvature Method
Computed using PDS VER2.2.6
Vertical Section Plane: 180.00 deg.

Survey Reference: WELLHEAD
Vertical Section Reference: WELLHEAD
Closure Reference: WELLHEAD
TVD Reference: WELLHEAD

SOUTHWESTERN
Karlsbad Corral 11 #1-H
Greywolf #76
Eddy Co., NM
kc11-1h

Measured Depth (ft)	Incl (deg.)	Drift Dir. (deg.)	Course Length (ft)	TVD (ft)	Vertical Section (ft)	T O T A L Rectangular Offsets (ft) (ft)		Closure Dist. (ft)	Dir. (deg.)	DLS (dg/100ft)
Gyrodatta Directional Survey										
753.00	1.53	166.29	0.00	752.76	16.26	16.26 S	6.39 E	17.47@	158.55	0.00
PathFinder MWD Survey										
927.00	2.20	164.22	174.00	926.67	21.73	21.73 S	7.85 E	23.10@	160.14	0.39
1016.00	1.85	124.85	89.00	1015.62	24.20	24.20 S	9.49 E	25.99@	158.58	1.58
1112.00	1.85	124.23	96.00	1111.57	25.95	25.95 S	12.05 E	28.61@	155.10	0.02
1207.00	0.70	172.75	95.00	1206.54	27.39	27.39 S	13.39 E	30.49@	153.95	1.56
1300.00	0.88	198.94	93.00	1299.53	28.63	28.63 S	13.23 E	31.54@	155.20	0.43
1395.00	1.06	254.66	95.00	1394.52	29.55	29.55 S	12.14 E	31.95@	157.66	0.97
1490.00	0.79	157.28	95.00	1489.51	30.39	30.39 S	11.55 E	32.51@	159.19	1.47
1583.00	0.97	167.21	93.00	1582.50	31.75	31.75 S	11.97 E	33.93@	159.34	0.25
1676.00	0.88	46.54	93.00	1675.50	32.02	32.02 S	12.66 E	34.44@	158.43	1.73
1769.00	0.97	31.33	93.00	1768.48	30.86	30.86 S	13.59 E	33.72@	156.23	0.28
1865.00	0.62	17.44	96.00	1864.48	29.67	29.67 S	14.17 E	32.88@	154.48	0.41
1960.00	0.35	4.09	95.00	1959.47	28.89	28.89 S	14.34 E	32.26@	153.60	0.31
2056.00	0.00	322.95	96.00	2055.47	28.60	28.60 S	14.36 E	32.00@	153.33	0.36
2151.00	0.18	276.37	95.00	2150.47	28.58	28.58 S	14.22 E	31.92@	153.56	0.19
2246.00	0.53	310.47	95.00	2245.47	28.28	28.28 S	13.73 E	31.44@	154.10	0.41
2342.00	0.53	296.50	96.00	2341.47	27.79	27.79 S	13.00 E	30.68@	154.94	0.13
2438.00	0.35	273.65	96.00	2437.46	27.58	27.58 S	12.31 E	30.20@	155.95	0.26
2534.00	0.79	115.53	96.00	2533.46	27.84	27.84 S	12.61 E	30.57@	155.63	1.17
2630.00	1.41	53.13	96.00	2629.44	27.42	27.42 S	14.15 E	30.86@	152.70	1.31
2724.00	1.49	67.37	94.00	2723.42	26.26	26.26 S	16.21 E	30.86@	148.31	0.39
2821.00	2.37	48.91	97.00	2820.36	24.45	24.45 S	18.88 E	30.90@	142.32	1.10
2884.00	1.23	70.53	63.00	2883.33	23.37	23.37 S	20.50 E	31.09@	138.74	2.08
2948.00	1.23	184.70	64.00	2947.32	23.83	23.83 S	21.09 E	31.82@	138.48	3.23
3012.00	1.23	230.93	64.00	3011.31	24.95	24.95 S	20.50 E	32.29@	140.58	1.51
3076.00	1.58	290.96	64.00	3075.29	25.06	25.06 S	19.15 E	31.54@	142.62	2.25
3171.00	0.97	258.53	95.00	3170.27	24.75	24.75 S	17.14 E	30.11@	145.31	0.97
3267.00	1.14	242.09	96.00	3266.25	25.36	25.36 S	15.50 E	29.72@	148.58	0.36
3363.00	0.44	6.11	96.00	3362.25	25.44	25.44 S	14.69 E	29.38@	150.00	1.49
3458.00	0.70	8.57	95.00	3457.24	24.51	24.51 S	14.82 E	28.64@	148.84	0.27
3554.00	0.62	7.69	96.00	3553.24	23.41	23.41 S	14.97 E	27.79@	147.40	0.08
3650.00	0.62	29.31	96.00	3649.23	22.44	22.44 S	15.30 E	27.16@	145.72	0.24
3745.00	1.41	3.47	95.00	3744.21	20.83	20.83 S	15.62 E	26.03@	143.13	0.94

PathFinder Energy Services

Survey Report

Page 2
Date: 5/6/2005
Wellpath ID: kc11-1h

Measured Depth (ft)	Incl (deg.)	Drift Dir. (deg.)	Course Length (ft)	TVD (ft)	Vertical Section (ft)	T O T A L Rectangular Offsets (ft)		Closure Dist. (ft)	Dir. (deg.)	DLS (dg/100ft)
3840.00	1.41	352.57	95.00	3839.19	18.50	18.50 S	15.54 E	24.16@	139.98	0.28
3936.00	2.02	342.99	96.00	3935.14	15.71	15.71 S	14.89 E	21.65@	136.54	0.70
4032.00	1.23	350.20	96.00	4031.10	13.08	13.08 S	14.22 E	19.32@	132.61	0.85
4129.00	0.97	335.52	97.00	4128.09	11.31	11.31 S	13.70 E	17.77@	129.53	0.39
4279.00	1.14	357.93	150.00	4278.06	8.66	8.66 S	13.12 E	15.72@	123.42	0.30
4374.00	0.97	356.00	95.00	4373.04	6.91	6.91 S	13.03 E	14.75@	117.95	0.18
4448.00	1.14	8.39	74.00	4447.03	5.56	5.56 S	13.10 E	14.23@	113.01	0.38
4544.00	0.97	9.62	96.00	4543.02	3.82	3.82 S	13.37 E	13.91@	105.93	0.18
4640.00	1.06	13.93	96.00	4639.00	2.15	2.15 S	13.72 E	13.89@	98.92	0.12
4768.00	1.23	6.20	128.00	4766.97	-0.36	0.36 N	14.16 E	14.16@	88.53	0.18
4789.00	1.14	359.95	21.00	4787.97	-0.80	0.80 N	14.18 E	14.20@	86.79	0.75
4821.00	0.18	335.61	32.00	4819.97	-1.16	1.16 N	14.16 E	14.21@	85.32	3.06
4853.00	2.55	192.70	32.00	4851.96	-0.51	0.51 N	13.98 E	13.99@	87.91	8.42
4885.00	5.89	190.41	32.00	4883.87	1.80	1.80 S	13.53 E	13.65@	97.58	10.45
4917.00	9.06	188.83	32.00	4915.59	5.90	5.90 S	12.84 E	14.14@	114.69	9.93
4949.00	12.13	190.59	32.00	4947.04	11.70	11.70 S	11.84 E	16.65@	134.66	9.65
4981.00	15.12	192.52	32.00	4978.14	19.08	19.08 S	10.32 E	21.69@	151.60	9.45
5013.00	18.03	193.93	32.00	5008.80	27.96	27.96 S	8.22 E	29.15@	163.62	9.18
5045.00	21.28	194.54	32.00	5038.94	38.39	38.39 S	5.57 E	38.80@	171.75	10.18
5077.00	24.71	195.77	32.00	5068.39	50.46	50.46 S	2.29 E	50.51@	177.40	10.82
5109.00	28.23	195.60	32.00	5097.03	64.19	64.19 S	1.56W	64.21@	181.39	11.00
5141.00	32.54	195.25	32.00	5124.63	79.79	79.79 S	5.86W	80.00@	184.20	13.48
5173.00	36.84	194.54	32.00	5150.93	97.38	97.38 S	10.54W	97.95@	186.18	13.50
5205.00	41.24	193.84	32.00	5175.78	116.92	116.92 S	15.47W	117.94@	187.54	13.82
5237.00	45.73	193.40	32.00	5198.99	138.32	138.32 S	20.65W	139.85@	188.49	14.06
5269.00	50.39	193.31	32.00	5220.38	161.47	161.47 S	26.15W	163.57@	189.20	14.56
5300.00	55.49	192.70	31.00	5239.05	185.57	185.57 S	31.71W	188.26@	189.70	16.53
5333.00	59.36	192.43	33.00	5256.82	212.71	212.71 S	37.76W	216.03@	190.07	11.75
5365.00	63.22	191.47	32.00	5272.19	240.16	240.16 S	43.56W	244.08@	190.28	12.35
5396.00	66.92	189.71	31.00	5285.25	267.79	267.79 S	48.72W	272.18@	190.31	13.00
5428.00	71.40	189.71	32.00	5296.63	297.26	297.26 S	53.76W	302.08@	190.25	14.00
5460.00	76.06	190.59	32.00	5305.60	327.48	327.48 S	59.18W	332.79@	190.24	14.80
5492.00	80.99	189.18	32.00	5311.96	358.37	358.37 S	64.56W	364.14@	190.21	16.00
5524.00	84.15	188.13	32.00	5316.10	389.74	389.74 S	69.33W	395.85@	190.09	10.40
5556.00	86.35	186.72	32.00	5318.75	421.36	421.36 S	73.45W	427.71@	189.89	8.16
5588.00	87.05	186.28	32.00	5320.59	453.10	453.10 S	77.07W	459.60@	189.65	2.58
5618.00	88.11	186.02	30.00	5321.86	482.90	482.90 S	80.28W	489.52@	189.44	3.64
5650.00	87.85	185.49	32.00	5322.98	514.72	514.72 S	83.49W	521.44@	189.21	1.84
5721.00	88.29	184.00	71.00	5325.38	585.43	585.43 S	89.35W	592.21@	188.68	2.19
5752.00	89.16	183.47	31.00	5326.06	616.36	616.36 S	91.37W	623.09@	188.43	3.29
5783.00	88.99	182.24	31.00	5326.57	647.31	647.31 S	92.92W	653.95@	188.17	4.00
5814.00	89.08	181.18	31.00	5327.09	678.29	678.29 S	93.84W	684.76@	187.88	3.43
5844.00	89.52	181.10	30.00	5327.45	708.29	708.29 S	94.44W	714.55@	187.59	1.49
5875.00	88.99	179.96	31.00	5327.86	739.28	739.28 S	94.73W	745.33@	187.30	4.06
5907.00	89.43	179.69	32.00	5328.30	771.28	771.28 S	94.63W	777.06@	186.99	1.61
5938.00	89.60	180.04	31.00	5328.56	802.28	802.28 S	94.56W	807.83@	186.72	1.26
5969.00	90.13	180.22	31.00	5328.63	833.28	833.28 S	94.63W	838.63@	186.48	1.81

PathFinder Energy Services

Survey Report

Page 3
Date: 5/6/2005
Wellpath ID: kc11-1h

Measured Depth (ft)	Incl (deg.)	Drift Dir. (deg.)	Course Length (ft)	TVD (ft)	Vertical Section (ft)	TOTAL Rectangular Offsets (ft)	Closure Dist. (ft)	Dir. (deg.)	DLS (dg/100ft)
6001.00	90.40	178.90	32.00	5328.49	865.27	865.27 S	94.38W	870.41@186.22	4.21
6032.00	91.36	178.72	31.00	5328.01	896.26	896.26 S	93.74W	901.15@185.97	3.15
6064.00	91.98	178.99	32.00	5327.08	928.24	928.24 S	93.10W	932.90@185.73	2.11
6095.00	90.75	178.55	31.00	5326.34	959.23	959.23 S	92.43W	963.67@185.50	4.21
6127.00	88.81	177.76	32.00	5326.46	991.21	991.21 S	91.40W	995.41@185.27	6.55
6158.00	89.43	177.85	31.00	5326.94	1022.18	1022.18 S	90.21W	1026.16@185.04	2.02
6190.00	89.96	178.37	32.00	5327.11	1054.16	1054.16 S	89.16W	1057.93@184.83	2.32
6221.00	89.25	177.76	31.00	5327.32	1085.15	1085.15 S	88.11W	1088.72@184.64	3.02
6252.00	88.55	177.41	31.00	5327.92	1116.11	1116.11 S	86.81W	1119.48@184.45	2.52
6284.00	88.81	176.26	32.00	5328.66	1148.05	1148.05 S	85.04W	1151.20@184.24	3.68
6315.00	88.64	175.12	31.00	5329.35	1178.96	1178.96 S	82.71W	1181.86@184.01	3.72
6346.00	89.08	174.68	31.00	5329.96	1209.83	1209.83 S	79.96W	1212.47@183.78	2.01
6377.00	88.11	175.47	31.00	5330.72	1240.70	1240.70 S	77.29W	1243.11@183.56	4.03
6409.00	85.82	176.26	32.00	5332.42	1272.57	1272.57 S	74.99W	1274.78@183.37	7.57
6440.00	85.65	176.26	31.00	5334.72	1303.42	1303.42 S	72.97W	1305.46@183.20	0.55
6472.00	86.53	176.18	32.00	5336.90	1335.28	1335.28 S	70.87W	1337.16@183.04	2.76
6503.00	87.49	175.91	31.00	5338.52	1366.16	1366.16 S	68.73W	1367.89@182.88	3.22
6534.00	88.29	176.09	31.00	5339.66	1397.07	1397.07 S	66.57W	1398.65@182.73	2.65
6565.00	89.08	176.44	31.00	5340.37	1427.99	1427.99 S	64.55W	1429.45@182.59	2.79
6596.00	88.11	176.70	31.00	5341.13	1458.93	1458.93 S	62.70W	1460.27@182.46	3.24
6628.00	88.37	177.23	32.00	5342.12	1490.87	1490.87 S	61.01W	1492.11@182.34	1.84
6659.00	88.81	176.88	31.00	5342.88	1521.82	1521.82 S	59.41W	1522.97@182.24	1.81
6691.00	89.34	176.79	32.00	5343.40	1553.76	1553.76 S	57.65W	1554.83@182.12	1.68
6723.00	90.22	177.32	32.00	5343.52	1585.72	1585.72 S	56.00W	1586.71@182.02	3.21
6753.00	89.43	177.23	30.00	5343.61	1615.68	1615.68 S	54.58W	1616.61@181.93	2.65
6785.00	88.90	176.88	32.00	5344.08	1647.64	1647.64 S	52.93W	1648.49@181.84	1.98
6816.00	88.99	176.53	31.00	5344.65	1678.58	1678.58 S	51.15W	1679.36@181.75	1.17
6847.00	89.16	176.44	31.00	5345.15	1709.52	1709.52 S	49.25W	1710.23@181.65	0.62
6878.00	89.43	176.53	31.00	5345.53	1740.46	1740.46 S	47.35W	1741.10@181.56	0.92
6909.00	89.69	176.09	31.00	5345.77	1771.39	1771.39 S	45.36W	1771.97@181.47	1.65
6943.00	89.87	175.91	34.00	5345.90	1805.31	1805.31 S	42.98W	1805.82@181.36	0.75
6974.00	90.48	175.91	31.00	5345.80	1836.23	1836.23 S	40.77W	1836.68@181.27	1.97
7006.00	90.57	176.18	32.00	5345.51	1868.15	1868.15 S	38.57W	1868.55@181.18	0.89
7037.00	89.34	176.18	31.00	5345.54	1899.08	1899.08 S	36.50W	1899.44@181.10	3.97
7068.00	88.90	176.00	31.00	5346.01	1930.01	1930.01 S	34.39W	1930.32@181.02	1.53
7100.00	88.64	176.35	32.00	5346.70	1961.93	1961.93 S	32.25W	1962.20@180.94	1.36
7131.00	88.29	176.26	31.00	5347.53	1992.85	1992.85 S	30.26W	1993.08@180.87	1.17
7163.00	88.55	176.35	32.00	5348.41	2024.78	2024.78 S	28.20W	2024.97@180.80	0.86
7194.00	88.29	176.35	31.00	5349.27	2055.70	2055.70 S	26.22W	2055.87@180.73	0.84
7226.00	89.52	177.32	32.00	5349.88	2087.65	2087.65 S	24.46W	2087.79@180.67	4.89
7257.00	88.90	177.32	31.00	5350.31	2118.61	2118.61 S	23.01W	2118.73@180.62	2.00
7289.00	88.46	177.23	32.00	5351.04	2150.56	2150.56 S	21.49W	2150.67@180.57	1.40
7320.00	89.43	177.93	31.00	5351.61	2181.53	2181.53 S	20.18W	2181.62@180.53	3.86
7352.00	89.43	178.64	32.00	5351.93	2213.51	2213.51 S	19.22W	2213.60@180.50	2.22
7383.00	88.72	178.20	31.00	5352.43	2244.50	2244.50 S	18.36W	2244.57@180.47	2.69
7415.00	88.37	178.11	32.00	5353.24	2276.47	2276.47 S	17.34W	2276.54@180.44	1.13
7446.00	88.02	178.37	31.00	5354.22	2307.44	2307.44 S	16.38W	2307.50@180.41	1.41

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Measured Depth (ft)	Incl (deg.)	Drift Dir. (deg.)	Course Length (ft)	TVD (ft)	Vertical Section (ft)	TOTAL Rectangular Offsets (ft)	Closure Dist. (ft)	Dir. (deg.)	DLS (dg/100ft)
7478.00	88.37	178.55	32.00	5355.23	2339.41	2339.41 S	15.52W	2339.47@180.38	1.23
7509.00	88.81	179.08	31.00	5355.99	2370.40	2370.40 S	14.88W	2370.44@180.36	2.22
7540.00	89.78	179.96	31.00	5356.37	2401.39	2401.39 S	14.62W	2401.44@180.35	4.22
7572.00	89.60	180.31	32.00	5356.55	2433.39	2433.39 S	14.70W	2433.44@180.35	1.23
7603.00	90.40	180.48	31.00	5356.55	2464.39	2464.39 S	14.91W	2464.44@180.35	2.64
7635.00	90.13	181.01	32.00	5356.40	2496.39	2496.39 S	15.33W	2496.44@180.35	1.86
7666.00	90.31	181.54	31.00	5356.28	2527.38	2527.38 S	16.02W	2527.43@180.36	1.81
7698.00	90.04	181.89	32.00	5356.18	2559.37	2559.37 S	16.98W	2559.42@180.38	1.38
7729.00	89.60	181.71	31.00	5356.28	2590.35	2590.35 S	17.95W	2590.41@180.40	1.53
7760.00	89.16	181.80	31.00	5356.61	2621.33	2621.33 S	18.90W	2621.40@180.41	1.45
7792.00	89.52	181.45	32.00	5356.98	2653.32	2653.32 S	19.81W	2653.39@180.43	1.57
7823.00	89.69	181.80	31.00	5357.20	2684.31	2684.31 S	20.69W	2684.39@180.44	1.26
7854.00	89.87	182.50	31.00	5357.32	2715.28	2715.28 S	21.85W	2715.37@180.46	2.33
7886.00	89.52	182.42	32.00	5357.49	2747.25	2747.25 S	23.22W	2747.35@180.48	1.12
7917.00	89.08	181.45	31.00	5357.87	2778.23	2778.23 S	24.27W	2778.34@180.50	3.44
7949.00	88.90	182.06	32.00	5358.43	2810.21	2810.21 S	25.25W	2810.33@180.51	1.99
7981.00	89.52	181.80	32.00	5358.87	2842.19	2842.19 S	26.33W	2842.31@180.53	2.10
8011.00	90.57	182.94	30.00	5358.85	2872.16	2872.16 S	27.57W	2872.30@180.55	5.17
8042.00	91.01	183.65	31.00	5358.42	2903.11	2903.11 S	29.35W	2903.26@180.58	2.69
8074.00	90.22	183.03	32.00	5358.08	2935.05	2935.05 S	31.21W	2935.22@180.61	3.14
8105.00	88.99	181.45	31.00	5358.29	2966.03	2966.03 S	32.42W	2966.20@180.63	6.46
8137.00	88.46	181.54	32.00	5359.00	2998.01	2998.01 S	33.26W	2998.19@180.64	1.68
8168.00	88.72	181.89	31.00	5359.77	3028.98	3028.98 S	34.19W	3029.18@180.65	1.41
8199.00	88.37	181.89	31.00	5360.55	3059.96	3059.96 S	35.21W	3060.16@180.66	1.13
8231.00	88.37	181.80	32.00	5361.46	3091.93	3091.93 S	36.24W	3092.14@180.67	0.28
8262.00	88.20	182.15	31.00	5362.39	3122.90	3122.90 S	37.31W	3123.12@180.68	1.25
8294.00	89.60	182.50	32.00	5363.00	3154.86	3154.86 S	38.60W	3155.10@180.70	4.51
8325.00	89.69	182.45	31.00	5363.20	3185.83	3185.83 S	39.94W	3186.08@180.72	0.33
8357.00	90.04	182.33	32.00	5363.27	3217.81	3217.81 S	41.28W	3218.07@180.73	1.16
8388.00	90.40	182.42	31.00	5363.15	3248.78	3248.78 S	42.56W	3249.06@180.75	1.20
8419.00	90.40	181.54	31.00	5362.94	3279.76	3279.76 S	43.63W	3280.05@180.76	2.84
8450.00	90.22	181.01	31.00	5362.77	3310.75	3310.75 S	44.32W	3311.05@180.77	1.81
8482.00	90.04	181.10	32.00	5362.70	3342.74	3342.74 S	44.91W	3343.05@180.77	0.63
8513.00	89.78	180.75	31.00	5362.74	3373.74	3373.74 S	45.41W	3374.05@180.77	1.41
8544.00	89.52	180.83	31.00	5362.93	3404.74	3404.74 S	45.84W	3405.05@180.77	0.88
8576.00	90.40	180.48	32.00	5362.96	3436.73	3436.73 S	46.21W	3437.05@180.77	2.96
8608.00	90.31	181.18	32.00	5362.76	3468.73	3468.73 S	46.67W	3469.04@180.77	2.21
8639.00	90.57	180.31	31.00	5362.52	3499.73	3499.73 S	47.07W	3500.04@180.77	2.93
8671.00	90.48	180.48	32.00	5362.23	3531.72	3531.72 S	47.29W	3532.04@180.77	0.60
8702.00	90.40	180.22	31.00	5361.99	3562.72	3562.72 S	47.48W	3563.04@180.76	0.88
8733.00	89.69	179.69	31.00	5361.96	3593.72	3593.72 S	47.46W	3594.04@180.76	2.86
8765.00	88.72	178.20	32.00	5362.41	3625.71	3625.71 S	46.87W	3626.02@180.74	5.56
8796.00	89.52	177.85	31.00	5362.88	3656.69	3656.69 S	45.80W	3656.98@180.72	2.82
8827.00	88.99	177.05	31.00	5363.29	3687.66	3687.66 S	44.42W	3687.92@180.69	3.10
8859.00	89.34	177.58	32.00	5363.75	3719.62	3719.62 S	42.92W	3719.87@180.66	1.98
8889.00	89.87	177.32	30.00	5363.96	3749.59	3749.59 S	41.59W	3749.82@180.64	1.97
8921.00	90.13	177.05	32.00	5363.96	3781.55	3781.55 S	40.02W	3781.76@180.61	1.17

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Measured Depth (ft)	Incl (deg.)	Drift Dir. (deg.)	Course Length (ft)	TVD (ft)	Vertical Section (ft)	T O T A L		Closure		DLS
						Rectangular (ft)	Offsets (ft)	Dist. (ft)	Dir. (deg.)	
										(dg/100ft)
8952.00	91.54	176.44	31.00	5363.51	3812.49	3812.49 S	38.26W	3812.69@	180.57	4.96
8984.00	91.45	176.53	32.00	5362.67	3844.42	3844.42 S	36.29W	3844.60@	180.54	0.40
9015.00	89.78	175.30	31.00	5362.34	3875.34	3875.34 S	34.09W	3875.49@	180.50	6.69
9046.00	88.64	174.24	31.00	5362.77	3906.21	3906.21 S	31.26W	3906.33@	180.46	5.02
9078.00	89.16	173.63	32.00	5363.38	3938.02	3938.02 S	27.88W	3938.12@	180.41	2.50
9109.00	88.99	173.27	31.00	5363.88	3968.82	3968.82 S	24.35W	3968.89@	180.35	1.28
9140.00	88.55	173.19	31.00	5364.55	3999.59	3999.59 S	20.69W	3999.65@	180.30	1.44
9172.00	88.37	173.36	32.00	5365.41	4031.36	4031.36 S	16.95W	4031.40@	180.24	0.77
9203.00	88.81	174.07	31.00	5366.17	4062.17	4062.17 S	13.55W	4062.19@	180.19	2.69
9234.00	88.29	173.98	31.00	5366.96	4092.99	4092.99 S	10.33W	4093.00@	180.14	1.70
9266.00	87.58	173.80	32.00	5368.11	4124.78	4124.78 S	6.92W	4124.79@	180.10	2.29
9297.00	87.14	173.54	31.00	5369.54	4155.56	4155.56 S	3.51W	4155.56@	180.05	1.65
9329.00	87.05	173.63	32.00	5371.16	4187.32	4187.32 S	0.06 E	4187.32@	180.00	0.40
Projection to bit										
9379.00	87.05	173.63	50.00	5373.73	4236.95	4236.95 S	5.60 E	4236.95@	179.92	0.00