

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Ave., Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

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

WELL API NO.

30-007-20959

5. Indicate Type of Lease

STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

VPR E

8. Well Number 17A

9. OGRID Number 180514

10. Pool name or Wildcat

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.)

1. Type of Well: Oil Well ☐ Gas Well ☒ Other CBM NIOBRARA

2. Name of Operator

EL Paso E & P Company, L.P.

3. Address of Operator

PO BOX 190, RATON, NM 87740

4. Well Location

Unit Letter I : 1499 feet from the South line and 1032 feet from the East line

Section 32 Township 32N Range 19E NMPM Colfax County

Bottom Hole Location: Unit L, Sec 32, T 32N, R 19E, 1538' FSL, 744' FWL, Colfax County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)

8,491' (GR)

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____

Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☒ P AND A ☐
CASING/CEMENT JOB ☐
OTHER: ☐

1. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion. Work proposed is as follows.

04/15/08 SPUD well at 15:45. Drill 17 1/2" pilot hole to 398'. Run 13 3/8" casing to 389' GL.
Pump 325 sks cement with 9 bbls return. WOC.
04/17/08 Drill 12 1/4" pilot hole from 350' to 3,023' TD. Run 9 5/8" casing to 3010' TD.
04/20/08 Pump 1000 sks of 13.0 ppg cement nitrified to 9.0 ppg with 25bbl return. ✓
RDMO Pense and Animas rigs and RU P atterson rig. Install Weatherford downhole deployment valve.
04/30/08 Drill 8 3/4" directional hole to 6300' TD. Schlumberger OH logs.
05/02/08 TOOH. Set cement plugs to 4320' TD with a 93 sack 15.8 ppg kick off plug. Begin time drilling at KOP of 4459' TD.
Build a 10deg/100ft curve section to 5645' TMD.
05/11/08 Run 7" casing and set at 5644' TMD. Pump 900 sacks of 13.0ppg nitrified to 9.0ppg cement with no returns.
05/15/08 Drill horizontal to 8650' TMD. Run 4 1/2" Packers-Plus system to 8650' TMD with top packer set at 4730' TMD.
05/30/08 Rig release at 16:00.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOC guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Shirley Mitchell TITLE Regulatory Analyst DATE 08/08/2008
Type or print name Shirley Mitchell E-mail address: shirley.mitchell@elpaso.com Telephone No. (505) 445-6785

For State Use Only

APPROVED

BY: Ed Martin

TITLE

DISTRICT SUPERVISOR

DATE 8/2/08

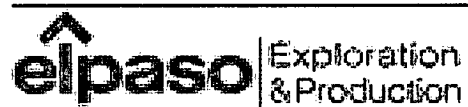
Conditions of Approval (if any):



Weatherford[™]

Drilling Services

Completion



EL PASO EXPLORATION & PRODUCTION

COLFAX COUNTY, NEW MEXICO

Prepared by: TRACY WILLIAMS
Well: VPR E 17 A
Submitted: MAY 26, 2008

Weatherford International Ltd.
2000 Oil Drive
Casper, Wyoming 82604
+1.307.265.1413 Main
+1.307.235.3958 Fax
www.weatherford.com



El Paso E&P - Western Onshore
VPR E 17 A Horizontal Sidetrack
Sec 32-T32N-R19E
Colfax County, New Mexico



Weatherford®

SITE DETAILS

VPR E 17 A
Colfax County, New Mexico
SEC. 32-T32N-R19E

Site Centre Latitude: 36°57'43.410N
Longitude: 104°56'22.478W

Ground Level: 8434.00
Positional Uncertainty: 0.00
Convergence: -0.36



Azimuths to True North
Magnetic North: 9.09°

Magnetic Field
Strength: 51600nT
Dip Angle: 64.29°
Date: 4/29/2008
Model: bggm2007

TOTAL CORRECTION TO TRUE NORTH IS 9.09°

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	4837.72	1.87	233.15	4836.92	-71.21	-17.14	0.00	0.00	15.08	
2	5723.36	90.00	273.00	5395.40	-52.90	-589.75	10.00	39.86	587.97	
3	8708.82	90.00	273.00	5395.40	103.35	-3571.11	0.00	0.00	3572.61	E17A PBHL

WELL DETAILS

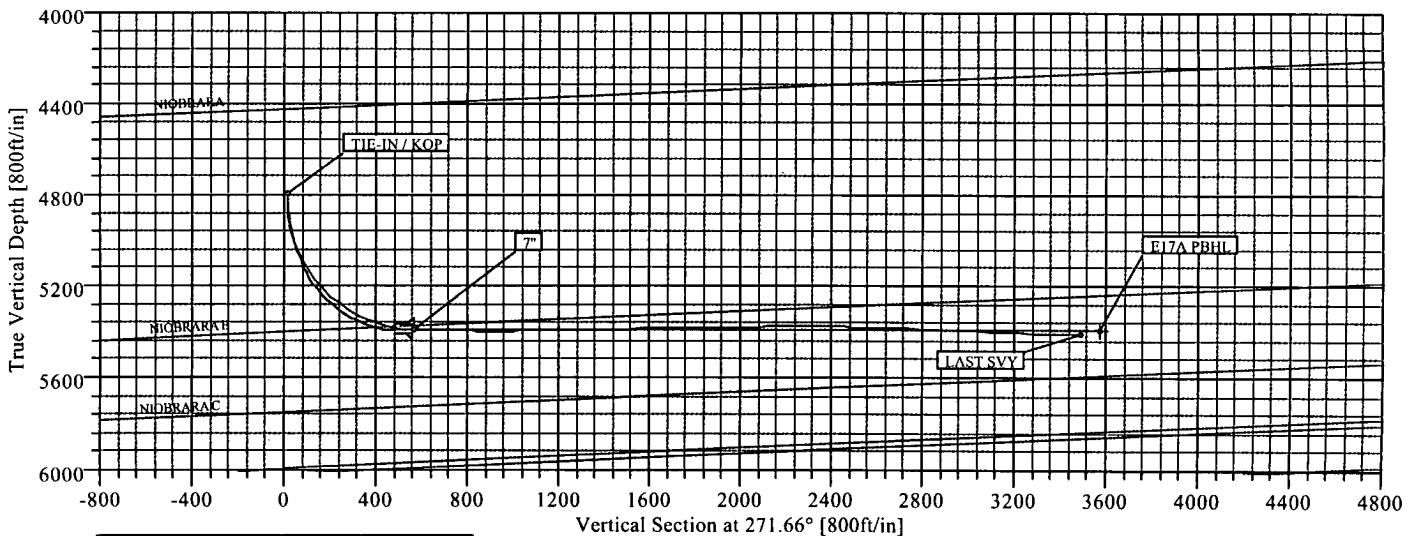
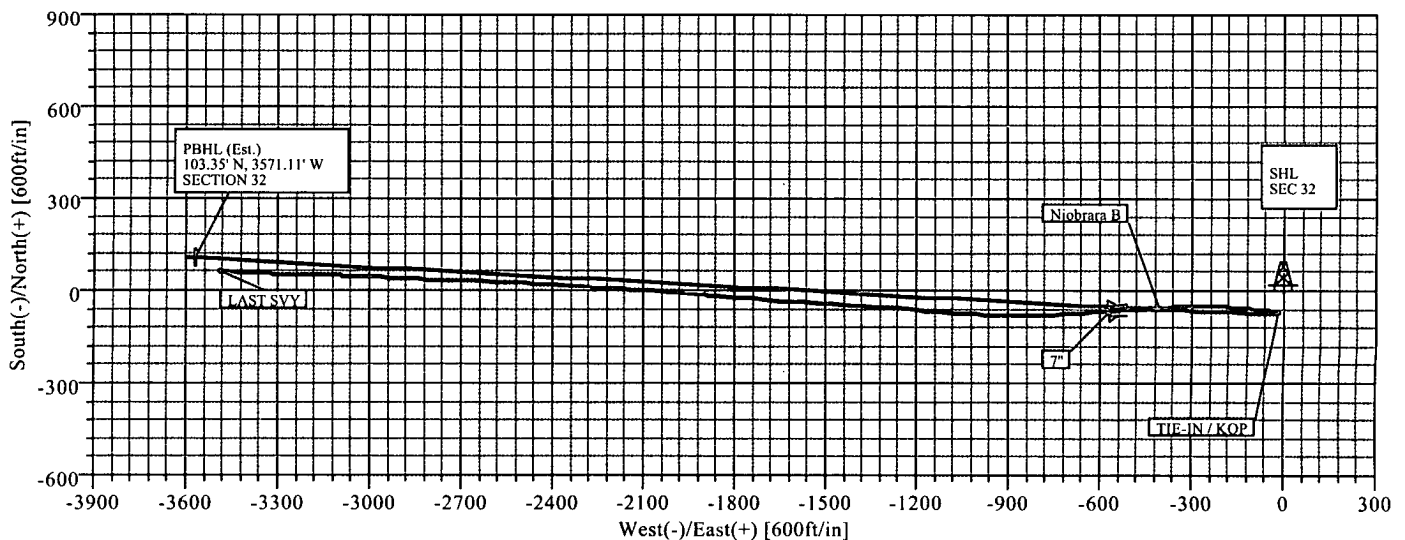
Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
VPR E 17 A	0.00	0.00	2170070.87	364222.58	36°57'43.410N	104°56'22.478W	N/A

TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
E17A PBHL	5395.40	103.35	-3571.11	Point

Survey: Survey #2 (VPR E 17 A/HORIZ)

No	MD	Inc	Az	TVD	+N/-S	+E/-W	DLeg	TFace	VSec
99	8650.00	90.65	272.16	5405.34	60.34	-3490.57	0.00	0.00	3490.86



LEGEND
VPR E 17 A, HORIZ, Plan #5
HORIZ
Survey #2

Survey: Survey #2 (VPR E 17 A/HORIZ)

Created By: Tracy R. Williams

Date: 5/26/2008



Company: EL PASO PRODUCTION CO. Field: Colfax County, NM Site: VPR E 17 A Well: VPR E 17 A Wellpath: HORIZ	Date: 5/26/2008 Time: 09:40:36 Page: 1 Co-ordinate(NE) Reference: Well: VPR E 17 A, True North Vertical (TVD) Reference: SITE 8446.0 Section (VS) Reference: Well (0.00N,0.00E,271.66Azi) Survey Calculation Method: Minimum Curvature Db: Sybase
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Survey: Survey #2 Company: Weatherford International Ltd. Tool: MWD;MWD - Standard	Start Date: 5/8/2008 Engineer: Bret Wolford Tied-to: User Defined
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Field: Colfax County, NM

Map System: US State Plane Coordinate System 1983 Geo Datum: GRS 1980 Sys Datum: Mean Sea Level	Map Zone: New Mexico, Eastern Zone Coordinate System: Well Centre Geomagnetic Model: bggm2007
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Site: VPR E 17 A
Colfax County, New Mexico
SEC. 32-T32N-R19E

Site Position: From: Geographic Position Uncertainty: 0.00 ft Ground Level: 8434.00 ft	Northing: 2170070.87 ft Easting: 364222.58 ft	Latitude: 36 57 43.410 N Longitude: 104 56 22.478 W North Reference: True Grid Convergence: -0.36 deg
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Well: VPR E 17 A Well Position: +N/-S 0.00 ft +E/-W 0.00 ft Position Uncertainty: 0.00 ft	Slot Name: Northing: 2170070.87 ft Easting: 364222.58 ft Latitude: 36 57 43.410 N Longitude: 104 56 22.478 W
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Wellpath: HORIZ Current Datum: SITE Magnetic Data: 4/29/2008 Field Strength: 51600 nT Vertical Section: Depth From (TVD) ft	Height 8446.00 ft	Drilled From: PILOT Tie-on Depth: 4837.72 ft Above System Datum: Mean Sea Level Declination: 9.09 deg Mag Dip Angle: 64.29 deg +E/-W Direction deg
0.00	0.00	0.00 271.66

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	Comment
4791.00	1.63	225.97	4790.22	-70.19	-16.03	13.99	0.00	0.00	0.00	TIE-IN / KOP
4804.00	2.48	247.32	4803.21	-70.43	-16.42	14.38	8.69	6.54	164.23	
4839.00	3.88	262.84	4838.16	-70.87	-18.30	16.24	4.66	4.00	44.34	
4871.00	6.06	273.22	4870.04	-70.91	-21.06	19.00	7.34	6.81	32.44	
4903.00	8.56	279.59	4901.78	-70.41	-25.09	23.05	8.20	7.81	19.91	
4934.00	10.56	281.71	4932.34	-69.45	-30.15	28.13	6.55	6.45	6.84	
4966.00	12.94	281.09	4963.67	-68.17	-36.54	34.55	7.45	7.44	-1.94	
4997.00	15.25	280.59	4993.74	-66.75	-43.95	42.00	7.46	7.45	-1.61	
5029.00	17.24	280.43	5024.46	-65.12	-52.75	50.85	6.22	6.22	-0.50	
5060.00	18.88	280.34	5053.93	-63.39	-62.21	60.35	5.29	5.29	-0.29	
5092.00	20.88	277.72	5084.02	-61.69	-72.95	71.14	6.84	6.25	-8.19	
5123.00	23.75	274.59	5112.70	-60.45	-84.65	82.87	10.02	9.26	-10.10	
5154.00	26.94	273.72	5140.71	-59.50	-97.89	96.12	10.36	10.29	-2.81	
5186.00	30.56	273.22	5168.76	-58.57	-113.25	111.50	11.34	11.31	-1.56	
5217.00	34.44	274.09	5194.90	-57.50	-129.86	128.15	12.61	12.52	2.81	
5249.00	38.38	274.47	5220.65	-56.08	-148.80	147.12	12.33	12.31	1.19	
5280.00	42.56	274.09	5244.23	-54.58	-168.86	167.21	13.51	13.48	-1.23	
5312.00	46.92	273.53	5266.95	-53.09	-191.33	189.72	13.68	13.62	-1.75	
5343.00	50.94	272.59	5287.31	-51.85	-214.66	213.07	13.17	12.97	-3.03	
5375.00	54.94	271.34	5306.59	-50.98	-240.18	238.60	12.88	12.50	-3.91	
5406.00	58.88	271.22	5323.52	-50.40	-266.14	264.57	12.71	12.71	-0.39	
5437.00	61.94	268.47	5338.82	-50.48	-293.09	291.51	12.53	9.87	-8.87	
5468.00	65.19	266.65	5352.62	-51.67	-320.82	319.19	11.73	10.48	-5.87	
5499.00	68.06	267.84	5364.92	-53.03	-349.24	347.56	9.91	9.26	3.84	



Company: EL PASO PRODUCTION CO.
Field: Colfax County, NM
Site: VPR E 17 A
Well: VPR E 17 A
Wellpath: HORIZ

Date: 5/26/2008 **Time:** 09:40:36 **Page:** 2
Co-ordinate(NE) Reference: Well: VPR E 17 A, True North
Vertical (TVD) Reference: SITE 8446.0
Section (VS) Reference: Well (0.00N,0.00E,271.66Azi)
Survey Calculation Method: Minimum Curvature **Db:** Sybase

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	Comment
5530.00	72.38	266.09	5375.41	-54.58	-378.36	376.62	14.91	13.94	-5.65	
5560.61	77.04	266.21	5383.48	-56.57	-407.81	406.00	15.22	15.22	0.41	Niobrara B
5562.00	77.25	266.22	5383.79	-56.65	-409.16	407.35	15.22	15.22	0.40	
5587.00	81.63	265.84	5388.37	-58.36	-433.67	431.80	17.58	17.52	-1.52	
5651.00	89.61	267.10	5393.25	-62.28	-497.31	495.30	12.62	12.47	1.97	
5683.00	89.81	265.59	5393.42	-64.32	-529.25	527.16	4.76	0.62	-4.72	
5715.00	89.88	264.97	5393.50	-66.95	-561.14	558.97	1.95	0.22	-1.94	7"
5723.36	90.00	265.14	5393.51	-67.67	-569.47	567.27	2.43	1.39	2.00	
5746.00	90.31	265.59	5393.45	-69.50	-592.03	589.77	2.43	1.39	2.00	
5778.00	89.31	266.59	5393.56	-71.68	-623.96	621.62	4.42	-3.12	3.12	
5810.00	89.44	266.59	5393.91	-73.59	-655.90	653.50	0.41	0.41	0.00	
5842.00	89.63	266.09	5394.17	-75.63	-687.83	685.36	1.67	0.59	-1.56	
5874.00	89.44	266.09	5394.43	-77.81	-719.76	717.20	0.59	-0.59	0.00	
5906.00	89.30	267.79	5394.78	-79.52	-751.71	749.09	5.33	-0.44	5.31	
5938.00	89.31	267.84	5395.17	-80.74	-783.68	781.02	0.16	0.03	0.16	
5970.00	89.44	268.59	5395.52	-81.74	-815.66	812.96	2.38	0.41	2.34	
6002.00	89.38	271.09	5395.85	-81.83	-847.66	844.94	7.81	-0.19	7.81	
6034.00	89.44	271.34	5396.17	-81.15	-879.65	876.94	0.80	0.19	0.78	
6066.00	89.50	271.59	5396.47	-80.33	-911.64	908.93	0.80	0.19	0.78	
6097.00	89.88	271.72	5396.64	-79.43	-942.63	939.93	1.30	1.23	0.42	
6129.00	90.50	272.22	5396.53	-78.33	-974.61	971.93	2.49	1.94	1.56	
6161.00	90.94	272.47	5396.13	-77.03	-1006.58	1003.93	1.58	1.37	0.78	
6193.00	91.53	272.77	5395.44	-75.56	-1038.54	1035.92	2.07	1.84	0.94	
6225.00	91.75	273.97	5394.52	-73.68	-1070.47	1067.89	3.81	0.69	3.75	
6289.00	90.56	274.59	5393.23	-68.91	-1134.27	1131.81	2.10	-1.86	0.97	
6352.00	90.56	274.47	5392.62	-63.93	-1197.07	1194.72	0.19	0.00	-0.19	
6416.00	90.81	274.47	5391.85	-58.94	-1260.88	1258.64	0.39	0.39	0.00	
6448.00	90.63	273.84	5391.45	-56.63	-1292.79	1290.61	2.05	-0.56	-1.97	
6479.00	90.63	273.72	5391.11	-54.58	-1323.72	1321.59	0.39	0.00	-0.39	
6542.00	90.88	273.59	5390.28	-50.57	-1386.59	1384.54	0.45	0.40	-0.21	
6574.00	90.94	273.09	5389.77	-48.70	-1418.53	1416.52	1.57	0.19	-1.56	
6637.00	90.93	272.97	5388.74	-45.37	-1481.43	1479.50	0.19	-0.02	-0.19	
6668.00	90.63	274.08	5388.32	-43.47	-1512.37	1510.48	3.71	-0.97	3.58	
6732.00	91.19	274.22	5387.31	-38.84	-1576.19	1574.41	0.90	0.87	0.22	
6796.00	91.56	273.72	5385.77	-34.41	-1640.02	1638.34	0.97	0.58	-0.78	
6859.00	91.06	274.09	5384.33	-30.12	-1702.86	1701.27	0.99	-0.79	0.59	
6891.00	90.19	274.34	5383.98	-27.76	-1734.77	1733.24	2.83	-2.72	0.78	
6952.00	90.06	274.59	5383.85	-23.02	-1795.58	1794.17	0.46	-0.21	0.41	
7016.00	90.56	274.84	5383.50	-17.76	-1859.37	1858.07	0.87	0.78	0.39	
7080.00	90.66	274.39	5382.82	-12.61	-1923.15	1921.98	0.72	0.16	-0.70	
7143.00	91.06	274.22	5381.87	-7.88	-1985.97	1984.91	0.69	0.63	-0.27	
7175.00	91.06	274.09	5381.28	-5.56	-2017.88	2016.87	0.41	0.00	-0.41	
7239.00	92.50	273.97	5379.29	-1.06	-2081.69	2080.79	2.26	2.25	-0.19	
7271.00	93.19	272.97	5377.71	0.87	-2113.59	2112.73	3.79	2.16	-3.12	
7303.00	93.44	272.22	5375.86	2.32	-2145.50	2144.67	2.47	0.78	-2.34	
7335.00	91.81	272.97	5374.39	3.76	-2177.44	2176.63	5.61	-5.09	2.34	
7365.00	91.44	272.84	5373.54	5.28	-2207.39	2206.61	1.31	-1.23	-0.43	
7397.00	90.44	273.22	5373.01	6.98	-2239.34	2238.60	3.34	-3.12	1.19	
7429.00	89.20	273.95	5373.12	8.98	-2271.27	2270.58	4.50	-3.87	2.28	
7461.00	88.69	273.47	5373.70	11.05	-2303.20	2302.55	2.19	-1.59	-1.50	
7493.00	88.25	273.09	5374.56	12.88	-2335.14	2334.53	1.82	-1.37	-1.19	
7556.00	88.19	273.59	5376.52	16.55	-2398.00	2397.47	0.80	-0.10	0.79	



Company: EL PASO PRODUCTION CO.
 Field: Colfax County, NM
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 Well: VPR E 17 A
 Wellpath: HORIZ

Date: 5/26/2008 Time: 09:40:36 Page: 3
 Co-ordinate(NE) Reference: Well: VPR E 17 A, True North
 Vertical (TVD) Reference: SITE 8446.0
 Section (VS) Reference: Well (0.00N,0.00E,271.66Azi)
 Survey Calculation Method: Minimum Curvature Db: Sybase

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	Comment
7620.00	87.88	273.22	5378.71	20.34	-2461.85	2461.41	0.75	-0.48	-0.58	
7652.00	87.44	272.84	5380.02	22.03	-2493.78	2493.37	1.82	-1.37	-1.19	
7683.00	87.94	272.84	5381.27	23.57	-2524.71	2524.34	1.61	1.61	0.00	
7715.00	88.67	272.30	5382.21	25.00	-2556.67	2556.32	2.84	2.28	-1.69	
7747.00	88.63	272.59	5382.97	26.37	-2588.63	2588.31	0.91	-0.12	0.91	
7810.00	88.50	271.72	5384.54	28.74	-2651.56	2651.28	1.40	-0.21	-1.38	
7872.00	88.31	271.47	5386.27	30.46	-2713.51	2713.26	0.51	-0.31	-0.40	
7904.00	87.88	272.47	5387.33	31.56	-2745.48	2745.24	3.40	-1.34	3.12	
7965.00	87.88	272.59	5389.59	34.25	-2806.38	2806.19	0.20	0.00	0.20	
7997.00	89.00	272.72	5390.46	35.73	-2838.33	2838.18	3.52	3.50	0.41	
8029.00	88.94	272.09	5391.04	37.08	-2870.30	2870.17	1.98	-0.19	-1.97	
8092.00	88.31	271.97	5392.55	39.31	-2933.24	2933.15	1.02	-1.00	-0.19	
8124.00	88.06	273.72	5393.56	40.89	-2965.18	2965.12	5.52	-0.78	5.47	
8155.00	87.94	273.34	5394.64	42.80	-2996.10	2996.09	1.28	-0.39	-1.23	
8187.00	88.02	272.79	5395.77	44.51	-3028.04	3028.06	1.74	0.25	-1.72	
8251.00	88.06	271.47	5397.96	46.89	-3091.95	3092.02	2.06	0.06	-2.06	
8315.00	88.00	271.34	5400.16	48.46	-3155.90	3155.98	0.22	-0.09	-0.20	
8347.00	88.31	272.34	5401.19	49.48	-3187.86	3187.96	3.27	0.97	3.12	
8378.00	87.88	271.72	5402.22	50.58	-3218.83	3218.94	2.43	-1.39	-2.00	
8442.00	87.88	270.84	5404.59	52.01	-3282.77	3282.90	1.37	0.00	-1.37	
8474.00	88.94	272.72	5405.48	53.00	-3314.74	3314.88	6.74	3.31	5.87	
8538.00	89.69	272.47	5406.24	55.90	-3378.67	3378.87	1.24	1.17	-0.39	
8569.00	90.38	272.47	5406.22	57.24	-3409.64	3409.87	2.23	2.23	0.00	
8586.00	90.65	272.16	5406.07	57.92	-3426.62	3426.86	2.42	1.59	-1.82	
8650.00	90.65	272.16	5405.34	60.34	-3490.57	3490.86	0.00	0.00	0.00	LAST SVY

Annotation

MD ft	TVD ft	
4791.00	4790.22	TIE-IN / KOP
8650.00	5405.34	LAST SVY