

Submit 3 Copies to Appropriate District Office
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

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
May 27, 2004

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

WELL API NO. 30-007-20685 SD-06-01
5. Indicate Type of Lease STATE ☐ FEE ☒
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name VPR D
8. Well Number 307
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 **COALBED METHANE**

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 **D** : **575** feet from the **North** line and **971** feet from the **West** line
Section **1** Township **30N** Range **17E** NMPM **Colfax** County
Bottom Hole Location: Unit L, Sec 36, T 31N, R 17E, 1,000' FSL, 843' FWL, Colfax County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
8,221' (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: **Horizontal Lateral** ☒

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.

02/14/06 Spud well at 11:00 p.m. Drill 12 1/4" hole to 340'. Circulate and clean hole. ✓
02/16/06 Run 8 jts 9 5/8", 36# ST&C casing to 331'. Pumped 139 sks Midcon II cement. Circulated 10 bbls cement to surface. WOC
02/20/06 Drill 8 3/4" hole from 340 to 2004' MD, 1540 TVD Circulate and clean hole. ✓
03/03/06 Run 52 jts 7", 23# LT&C casing to 2000'. Pumped 230 sks Midcon II cement. Circulated 8 bbls cement to surface. WOC
03/05/06 Drill lateral from 2004' - 2912' MD, 1526 TVD. Stuck pipe. RU wireline specialties. Worked on stuck pipe.
03/13/06 Recovered fish. Cleaned out.
03/15/06 Run 4 1/2" perforated liner 1990' - 2705'. Circulate and cleaned out.
03/22/06 TTH with 2 7/8" production tubing, insert pump, and 3/4" rods. Test and put well on production.

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 NMOCD guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Shirley Mitchell TITLE Production Engineer DATE 04/17/2006
Type or print name Shirley Mitchell E-mail address: Shirley.mitchell@elpaso.com Telephone No. (505) 445-6785

For State Use Only

APPROVED BY: [Signature] TITLE DISTRICT SUPERVISOR DATE 4/25/06
Conditions of Approval (if any): _____



Scientific Drilling Houston

Final Survey Report



Company: EL PASO PRODUCTION	Date: 3/23/2006	Time: 08:03:35	Page: 1
Field: VERMEJO FIELD, NEW MEXICO	Co-ordinate(N/E) Reference:	Well: WELL D-307, Grid North	
Site: RATON (D307)	Vertical (TVD) Reference:	SITE 0.0	
Well: WELL D-307	Section (VS) Reference:	Well (0.00N,0.00E,355.90Azi)	
Wellpath: EXTENSION LATERAL	Survey Calculation Method:	Minimum Curvature	Db: Sybase

Field: VERMEJO FIELD, NEW MEXICO			
Map System: US State Plane Coordinate System 1927		Map Zone: New Mexico, Eastern Zone	
Geo Datum: NAD27 (Clarke 1866)		Coordinate System: Well Centre	
Sys Datum: Mean Sea Level		Geomagnetic Model: igr2005	

Site: RATON (D307)			
Site Position:	Northing: 2136560.56 ft	Latitude: 36 52 9.500 N	
From: Geographic	Easting: 277372.12 ft	Longitude: 105 5 39.900 W	
Position Uncertainty: 0.0 ft		North Reference: Grid	
Ground Level: 8221.0 ft		Grid Convergence: -0.46 deg	

Well: WELL D-307				Slot Name:			
Well Position:	+N/-S 0.0 ft	Northing: 2136560.56 ft	Latitude: 36 52 9.500 N				
	+E/-W 0.0 ft	Easting: 277372.12 ft	Longitude: 105 5 39.900 W				
Position Uncertainty: 0.0 ft							

Wellpath: EXTENSION LATERAL				Drilled From: Surface			
				Tie-on Depth: 0.0 ft			
Current Datum: SITE	Height 0.0 ft	Above System Datum: Mean Sea Level					
Magnetic Data: 2/10/2006		Declination: 9.36 deg					
Field Strength: 51761 nT		Mag Dip Angle: 64.21 deg					
Vertical Section: Depth From (TVD)	+N/-S ft	+E/-W ft	Direction deg				
0.0	0.0	0.0	355.90				

Survey										
MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	VS ft	DLS deg/100ft	ClsD ft	ClsA deg	Tool
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.0	0.00	TIE LINE
340.0	0.00	0.00	340.0	0.0	0.0	0.0	0.00	0.0	0.00	SDI MWD
388.0	0.75	45.35	388.0	0.2	0.2	0.2	1.56	0.3	45.35	SDI MWD
480.0	0.68	39.52	480.0	1.1	1.0	1.0	0.11	1.5	43.17	SDI MWD
575.0	0.67	35.72	575.0	2.0	1.7	1.8	0.05	2.6	40.77	SDI MWD
670.0	0.69	29.02	670.0	2.9	2.3	2.7	0.09	3.7	38.20	SDI MWD
765.0	0.61	24.83	765.0	3.9	2.8	3.7	0.10	4.8	35.69	SDI MWD
1019.0	0.79	43.81	1019.0	6.4	4.6	6.0	0.11	7.8	35.64	SDI MWD
1051.0	0.71	44.50	1051.0	6.7	4.8	6.3	0.25	8.2	36.07	SDI MWD
1082.0	1.08	21.83	1081.9	7.1	5.1	6.7	1.63	8.7	35.78	SDI MWD
1114.0	4.13	4.26	1113.9	8.5	5.3	8.1	9.74	10.0	31.91	SDI MWD
1146.0	9.72	5.06	1145.7	12.3	5.6	11.9	17.47	13.5	24.46	SDI MWD
1178.0	15.70	6.77	1176.9	19.3	6.4	18.8	18.72	20.3	18.21	SDI MWD
1209.0	22.15	7.25	1206.2	29.3	7.6	28.7	20.81	30.3	14.53	SDI MWD
1241.0	27.67	8.99	1235.2	42.6	9.5	41.8	17.40	43.7	12.58	SDI MWD
1273.0	31.51	14.24	1263.0	58.1	12.7	57.0	14.47	59.5	12.37	SDI MWD
1304.0	34.87	12.44	1289.0	74.6	16.6	73.2	11.29	76.4	12.57	SDI MWD
1336.0	38.79	10.32	1314.6	93.4	20.4	91.7	12.88	95.6	12.33	SDI MWD
1367.0	41.99	8.05	1338.2	113.2	23.6	111.2	11.36	115.7	11.77	SDI MWD
1399.0	45.14	6.36	1361.4	135.1	26.4	132.9	10.49	137.7	11.04	SDI MWD
1430.0	47.67	4.58	1382.7	157.5	28.5	155.0	9.16	160.0	10.26	SDI MWD
1462.0	50.23	2.41	1403.7	181.5	30.0	178.9	9.49	184.0	9.37	SDI MWD
1494.0	53.15	359.97	1423.6	206.6	30.5	203.9	10.91	208.9	8.39	SDI MWD
1525.0	56.57	358.67	1441.4	232.0	30.2	229.2	11.55	233.9	7.41	SDI MWD
1557.0	60.12	356.77	1458.2	259.2	29.1	256.4	12.19	260.8	6.40	SDI MWD
1589.0	63.63	356.16	1473.3	287.3	27.3	284.7	11.10	288.6	5.43	SDI MWD
1621.0	66.57	355.39	1486.8	316.3	25.2	313.7	9.44	317.3	4.55	SDI MWD
1652.0	69.66	354.83	1498.3	345.0	22.7	342.4	10.11	345.7	3.77	SDI MWD



Scientific Drilling Houston

Final Survey Report



Company: EL PASO PRODUCTION
Field: VERMEJO FIELD, NEW MEXICO
Site: RATON (D307)
Well: WELL D-307
Wellpath: EXTENSION LATERAL

Date: 3/23/2006 Time: 08:03:35 Page: 2
Co-ordinate(N/E) Reference: Well: WELL D-307, Grid North
Vertical (TVD) Reference: SITE 0.0
Section (VS) Reference: Well (0.00N,0.00E,355.90Azi)
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	ClsD ft	ClsA deg	Tool
1685.0	72.16	353.96	1509.1	376.0	19.7	373.6	7.97	376.5	3.00	SDI MWD
1716.0	74.59	353.16	1518.0	405.5	16.3	403.3	8.22	405.8	2.31	SDI MWD
1747.0	77.09	352.50	1525.6	435.3	12.6	433.3	8.32	435.5	1.66	SDI MWD
1779.0	80.52	352.00	1531.8	466.4	8.4	464.6	10.83	466.5	1.03	SDI MWD
1811.0	84.45	351.00	1536.0	497.8	3.7	496.2	12.67	497.8	0.42	SDI MWD
1843.0	87.45	350.00	1538.2	529.3	-1.6	528.0	9.88	529.3	359.83	SDI MWD
1874.0	88.96	349.00	1539.2	559.7	-7.2	558.8	5.84	559.8	359.26	SDI MWD
1906.0	90.13	347.00	1539.4	591.0	-13.9	590.5	7.24	591.2	358.65	SDI MWD
1938.0	90.56	345.00	1539.3	622.1	-21.6	622.0	6.39	622.5	358.01	SDI MWD
2001.0	89.16	342.90	1539.4	682.6	-39.1	683.7	4.01	683.7	356.73	SDI MWD
2032.0	88.22	339.22	1540.1	711.9	-49.1	713.6	12.25	713.6	356.05	SDI MWD
2064.0	88.52	339.40	1541.0	741.8	-60.4	744.3	1.09	744.3	355.34	SDI MWD
2096.0	88.45	340.40	1541.9	771.9	-71.4	775.0	3.13	775.2	354.71	SDI MWD
2127.0	89.23	340.40	1542.5	801.1	-81.8	804.9	2.52	805.3	354.17	SDI MWD
2159.0	91.31	341.29	1542.4	831.3	-92.3	835.8	7.07	836.4	353.66	SDI MWD
2191.0	93.40	343.35	1541.0	861.8	-102.0	866.9	9.17	867.8	353.25	SDI MWD
2222.0	92.19	345.04	1539.5	891.6	-110.4	897.2	6.70	898.4	352.94	SDI MWD
2253.0	90.91	345.87	1538.7	921.6	-118.2	927.7	4.92	929.1	352.69	SDI MWD
2285.0	90.27	347.58	1538.4	952.7	-125.6	959.2	5.71	960.9	352.49	SDI MWD
2317.0	91.92	350.32	1537.7	984.1	-131.7	991.0	9.99	992.9	352.38	SDI MWD
2348.0	93.56	353.50	1536.3	1014.7	-136.1	1021.9	11.53	1023.8	352.36	SDI MWD
2380.0	94.24	355.10	1534.1	1046.5	-139.2	1053.8	5.42	1055.7	352.42	SDI MWD
2412.0	92.93	355.73	1532.1	1078.3	-141.8	1085.7	4.54	1087.6	352.51	SDI MWD
2444.0	92.92	356.16	1530.5	1110.2	-144.0	1117.7	1.34	1119.5	352.61	SDI MWD
2476.0	92.69	359.66	1528.9	1142.2	-145.2	1149.6	10.95	1151.4	352.75	SDI MWD
2507.0	92.60	1.22	1527.5	1173.1	-145.0	1180.5	5.04	1182.0	352.96	SDI MWD
2539.0	91.75	2.75	1526.2	1205.1	-143.9	1212.3	5.47	1213.6	353.19	SDI MWD
2571.0	89.09	1.98	1526.0	1237.1	-142.5	1244.1	8.65	1245.2	353.43	SDI MWD
2615.0	87.49	359.93	1527.3	1281.0	-141.8	1287.9	5.91	1288.8	353.68	SDI MWD
2647.0	86.78	359.21	1528.9	1313.0	-142.1	1319.8	3.16	1320.6	353.83	SDI MWD
2678.0	86.44	359.93	1530.8	1343.9	-142.3	1350.7	2.56	1351.4	353.96	SDI MWD
2710.0	88.66	0.41	1532.1	1375.9	-142.2	1382.5	7.10	1383.2	354.10	SDI MWD
2742.0	91.04	1.39	1532.2	1407.9	-141.7	1414.4	8.04	1415.0	354.25	SDI MWD
2774.0	91.71	3.31	1531.4	1439.8	-140.4	1446.2	6.35	1446.7	354.43	SDI MWD
2806.0	92.99	4.84	1530.1	1471.7	-138.1	1477.8	6.23	1478.2	354.64	SDI MWD
2837.0	93.33	5.51	1528.4	1502.6	-135.3	1508.4	2.42	1508.6	354.85	SDI MWD
2869.0	91.18	6.08	1527.2	1534.4	-132.1	1539.9	6.95	1540.1	355.08	SDI MWD
2910.0	91.18	6.08	1526.3	1575.1	-127.7	1580.2	0.00	1580.3	355.36	PROJECTED DEPTH



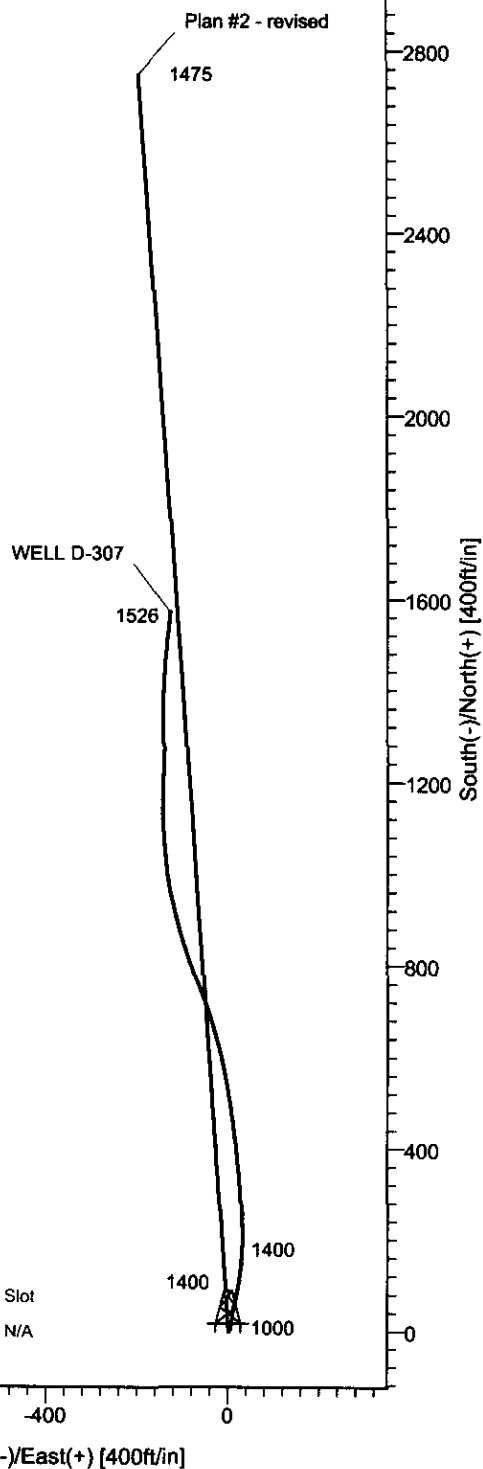
EL PASO PRODUCTION

RATON WELL D-307
VERMEJO FIELD, NEW MEXICO
ST00BP00 / EXTENSION LATERAL



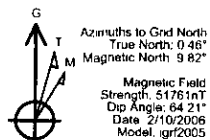
ALL DEPTHS SHOWN ARE
TRUE VERTICAL DEPTHS

2910.00' MD 91.18° INCLINATION 6.08° AZIMUTH 1526.30' TVD
1575.10' NORTH 127.70' WEST of SURFACE LOCATION
1580.30' CLOSURE DISTANCE 355.36° CLOSURE AZIMUTH



WELL DETAILS

Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
WELL D-307	0.0	0.0	2136560.56	277372.12	36°52'09.500N	105°05'39.900W	N/A



March 23, 2006
Scientific Drilling
281.443.4600



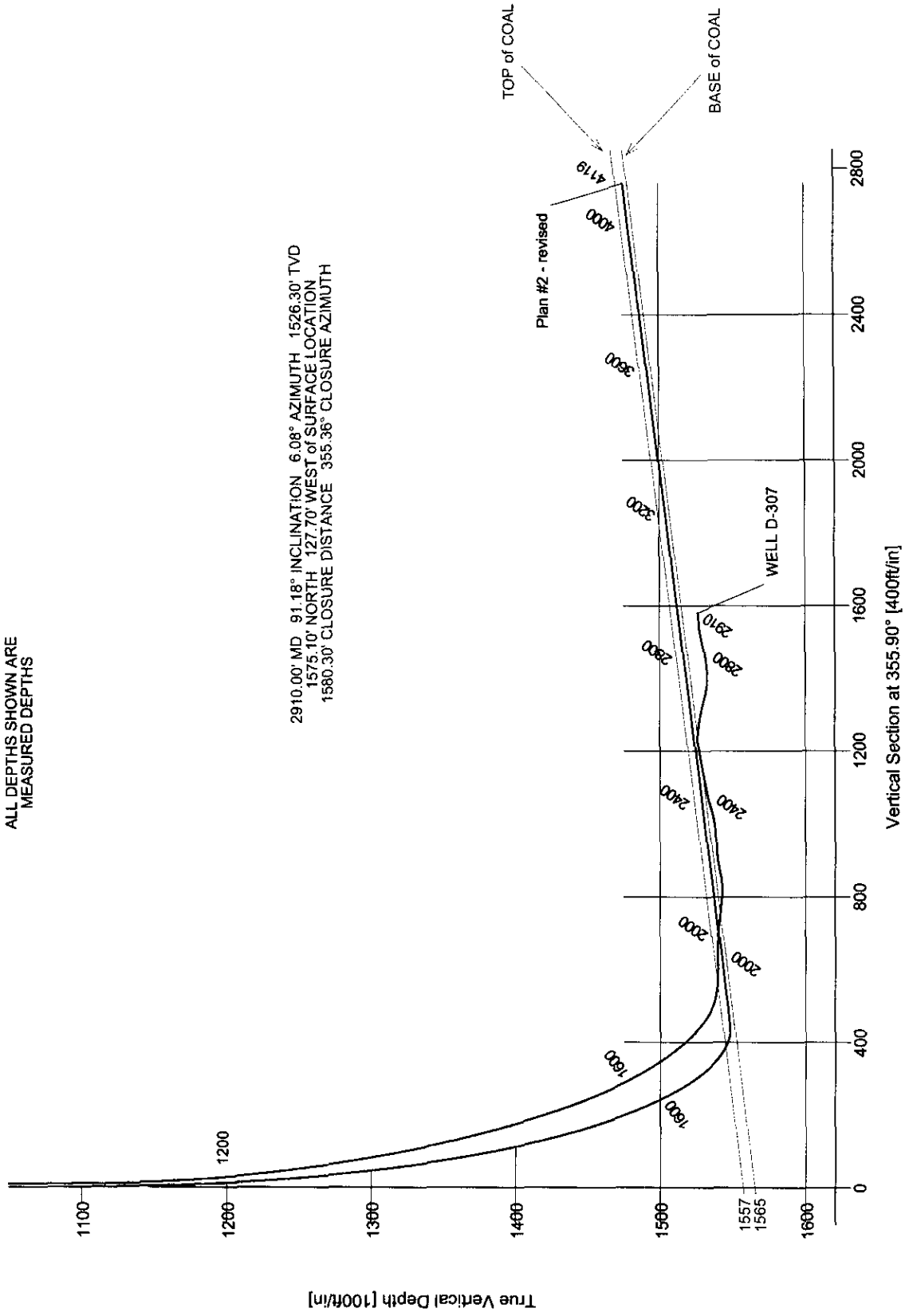
EL PASO PRODUCTION



RATON WELL D-307
VERMEJO FIELD, NEW MEXICO
ST00BP00 / EXTENSION LATERAL

ALL DEPTHS SHOWN ARE
MEASURED DEPTHS

2910.00' MD 91.18° INCLINATION 6.08° AZIMUTH 1526.30' TVD
1575.10' NORTH 127.70° WEST OF SURFACE LOCATION
1580.30' CLOSURE DISTANCE 355.36° CLOSURE AZIMUTH



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