

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. 30-015-33968
5. Indicate Type of Lease STATE ☐ FEE ☒
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Esperanza "13" (302751 Property Code)
8. Well Number 2
9. OGRID Number 241333
10. Pool name or Wildcat Carlsbad; Morrow, South (Pro Gas) 73960

Month - Year
JUN 4 2007

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	
2. Name of Operator Chevron Midcontinent, L.P. (241333)	
3. Address of Operator 15 Smith Road Midland, Texas 79705	
4. Well Location Unit Letter O : 621 feet from the South line and 2287 feet from the East line Section 13 Township 22-S Range 26-E NMPM County Eddy	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3,151' 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:		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 ☒	
OTHER: ☐		OTHER: Production Liner Sundry ☒	

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 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Production Liner Setting/Cement

On 5/11/2005, PU & RIH w/ 4-1/2" 13.5 # P-110 LTC Liner & set @ 12,050' (TOL @ 9,065' ZXP liner hanger packer & 10' TB sleeve) w/230 sx Super "H" cmt +5% Halad @-34 + .35% HR-7 (Yld: 1.58 ft3/sx, Wt: 13.2 PPG). Bumped plug @ 20:15 hrs. on 5/12/2005 w/1850 PSI. Floats held OK. Set pkr & reversed out cmt. Circ. 37 sxs cmt to pit. Tested TOL to 1945 psi. Displaced hole w/10# BW. RD cmtg crew/equip. RU R&S L/D machine. LD DP (removing DP rubbers). TIH w/10 stds DC's & 21 stds DP. Break Kelly & LD DP. LD DC's. RD L/D machine. ND set out stack, chng rams, finish jet & clean mud tanks. Released rig @ 0400 hrs on 5/13/2005. Prep to conduct completion work (please see Requested Completion Report-Well Records).

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: Alan W. Bohling TITLE: Regulatory Agent DATE: 05/31/2007

Type or print name: Alan W. Bohling E-mail address: ABohling@chevron.com Telephone No. (432) 687-7158
For State Use Only

FOR RECORDS ONLY

APPROVED BY: _____ TITLE: _____ DATE: JUN 05 2007
Conditions of Approval (if any): _____

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State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised June 10, 2003
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies
☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-33968	² Pool Code 73960	³ Pool Name Carlsbad; Morrow, South
⁴ Property Code 26764	⁵ Property Name Esperanza 13	⁶ Well Number 2
⁷ OGRID No. 241333	⁸ Operator Name Chevron Midcontinent, L.P.	⁹ Elevation 3,151' GR

¹⁰ Surface Location

UL or lot no. O	Section 13	Township 22S	Range 26E	Lot Idn	Feet from the 621	North/South line South	Feet from the 2287	East/West line East	County EDDY
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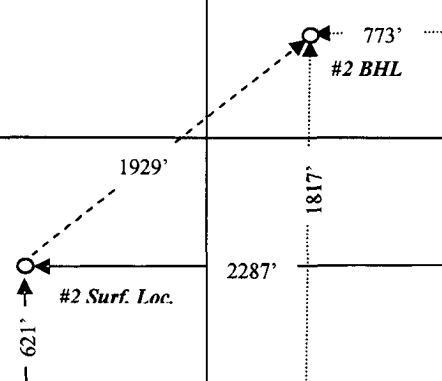
¹¹ Bottom Hole Location If Different From Surface

UL or lot no. I	Section 13	Township 22S	Range 26E	Lot Idn	Feet from the 1817	North/South line South	Feet from the 773	East/West line East	County EDDY
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¹² Dedicated Acres 320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

¹⁶				¹⁷ OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i>  Signature Alan W. Bohling Printed Name Regulatory Agent ABohling@chevron.com Title and E-mail Address 05/31/2007 Date
				¹⁸ SURVEYOR CERTIFICATION <i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i> Date of Survey Signature and Seal of Professional Surveyor: Certificate Number



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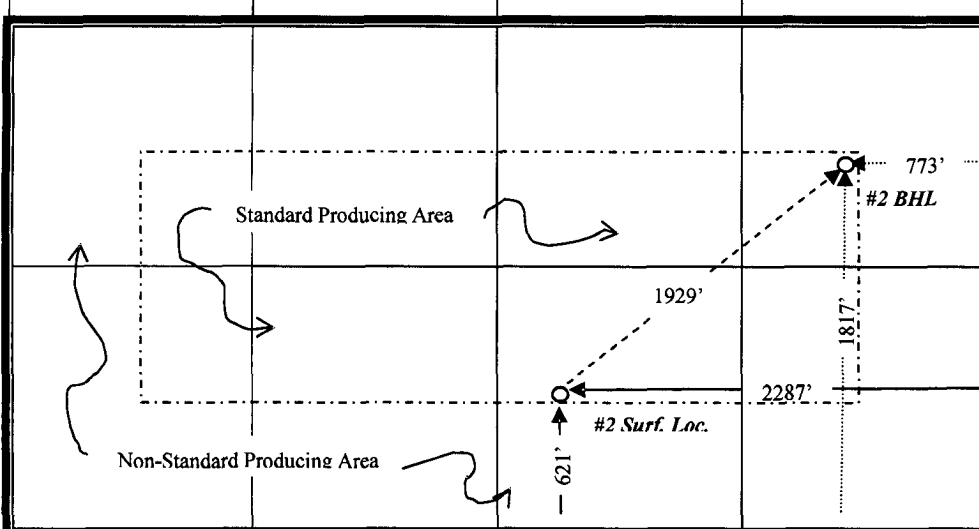
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PathFinder

Survey Report

Company: PURE Resources	Date: 5/17/2005	Time: 10:31:38	Page: 1
Field: Esperanza	Co-ordinate(N/E) Reference:	Well: Esperanza 13 #2, Grid North	
Site: Esperanza 13 #2	Vertical (TVD) Reference:	SITE 0.0	
Well: Esperanza 13 #2	Section (VS) Reference:	Well (0.00N,0.00E,51.48Azi)	
Wellpath: Original Hole/Surveys	Survey Calculation Method:	Minimum Curvature	Db: Sybase

Field: Esperanza
Eddy County, New Mexico

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: Well Centre
Geomagnetic Model: igrf2005

Site: Esperanza 13 #2

Site Position:	Northing: 504414.40 ft	Latitude: 32 23 12.187 N
From: Map	Easting: 527435.20 ft	Longitude: 104 14 40.042 W
Position Uncertainty: 0.00 ft		North Reference: Grid
Ground Level: 3151.00 ft		Grid Convergence: 0.05 deg

Well: Esperanza 13 #2

Slot Name:

Well Position: +N/-S 0.00 ft	Northing: 504414.40 ft	Latitude: 32 23 12.187 N
+E/-W 0.00 ft	Easting: 527435.20 ft	Longitude: 104 14 40.042 W
Position Uncertainty: 0.00 ft		

Wellpath: Original Hole/Surveys

Drilled From: Surface

Current Datum: SITE	Height 0.00 ft	Tie-on Depth: 0.00 ft
Magnetic Data: 4/7/2005		Above System Datum: Mean Sea Level
Field Strength: 49292 nT		Declination: 8.63 deg
Vertical Section: Depth From (TVD)	+N/-S	Mag Dip Angle: 60.37 deg
ft	ft	+E/-W
		ft
0.00	0.00	0.00
		51.48

Survey: PathFinder MWD Survey

Start Date: 4/10/2005

Company: PathFinder Energy Services
Tool:

Engineer: Ron McIntyre
Tied-to: From: Definitive Path

Survey: PathFinder MWD 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
1940.00	1.00	117.47	1939.85	-3.05	5.19	2.17	0.00	0.00	0.00	
2085.00	0.79	97.51	2084.83	-3.76	7.30	3.37	0.26	-0.14	-13.77	
2271.00	0.70	95.40	2270.81	-4.03	9.71	5.08	0.05	-0.05	-1.13	
2458.00	0.62	79.14	2457.80	-3.95	11.84	6.80	0.11	-0.04	-8.70	
2646.00	0.62	50.05	2645.79	-3.11	13.62	8.72	0.17	0.00	-15.47	
2834.00	0.88	39.15	2833.77	-1.33	15.31	11.15	0.16	0.14	-5.80	
2979.00	0.62	41.17	2978.76	0.12	16.53	13.01	0.18	-0.18	1.39	
3041.00	1.58	27.02	3040.75	1.13	17.14	14.11	1.60	1.55	-22.82	
3104.00	2.99	31.59	3103.70	3.31	18.39	16.45	2.25	2.24	7.25	
3165.00	4.48	33.08	3164.57	6.66	20.53	20.21	2.45	2.44	2.44	
3227.00	5.72	38.80	3226.32	11.10	23.78	25.52	2.16	2.00	9.23	
3258.00	6.42	39.15	3257.15	13.64	25.85	28.72	2.26	2.26	1.13	
3290.00	7.12	39.24	3288.92	16.57	28.23	32.41	2.19	2.19	0.28	
3321.00	8.00	40.82	3319.65	19.69	30.86	36.40	2.92	2.84	5.10	
3351.00	8.79	42.49	3349.33	22.96	33.77	40.72	2.76	2.63	5.57	
3382.00	9.67	45.12	3379.93	26.54	37.21	45.65	3.15	2.84	8.48	
3414.00	10.46	46.36	3411.44	30.44	41.22	51.21	2.56	2.47	3.87	
3445.00	11.26	47.85	3441.88	34.42	45.50	57.03	2.73	2.58	4.81	
3477.00	11.87	48.73	3473.23	38.68	50.29	63.44	1.98	1.91	2.75	
3507.00	12.75	49.69	3502.54	42.86	55.13	69.83	3.01	2.93	3.20	
3539.00	13.28	50.05	3533.72	47.51	60.64	77.03	1.68	1.66	1.12	
3570.00	13.98	50.66	3563.85	52.17	66.27	84.34	2.31	2.26	1.97	
3602.00	14.51	51.45	3594.86	57.11	72.39	92.21	1.76	1.66	2.47	
3634.00	15.04	51.36	3625.80	62.21	78.77	100.37	1.66	1.66	-0.28	

PathFinder

Survey Report

Company: PURE Resources	Date: 5/17/2005	Time: 10:31:38	Page: 2
Field: Esperanza	Co-ordinate(NE) Reference:	Well: Esperanza 13 #2, Grid North	
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Wellpath: Original Hole/Surveys	Survey Calculation Method:	Minimum Curvature	Db: Sybase

Survey: PathFinder MWD 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
3665.00	15.48	51.36	3655.71	67.30	85.15	108.53	1.42	1.42	0.00	
3696.00	16.09	49.96	3685.54	72.65	91.67	116.96	2.32	1.97	-4.52	
3728.00	16.71	49.08	3716.24	78.51	98.54	125.99	2.09	1.94	-2.75	
3759.00	17.41	48.99	3745.88	84.48	105.40	135.08	2.26	2.26	-0.29	
3791.00	17.94	49.26	3776.36	90.83	112.75	144.78	1.68	1.66	0.84	
3821.00	18.82	50.22	3804.83	96.94	119.97	154.24	3.10	2.93	3.20	
3851.00	19.52	51.63	3833.17	103.15	127.62	164.09	2.80	2.33	4.70	
3882.00	20.22	52.16	3862.33	109.65	135.91	174.63	2.33	2.26	1.71	
3912.00	20.58	52.51	3890.44	116.04	144.19	185.08	1.27	1.20	1.17	
3943.00	20.58	52.95	3919.47	122.64	152.86	195.98	0.50	0.00	1.42	
3974.00	20.84	53.30	3948.46	129.22	161.63	206.93	0.93	0.84	1.13	
4006.00	20.22	54.44	3978.43	135.84	170.69	218.15	2.31	-1.94	3.56	
4038.00	19.26	55.14	4008.55	142.07	179.52	228.94	3.09	-3.00	2.19	
4068.00	18.38	54.53	4036.94	147.64	187.43	238.60	3.01	-2.93	-2.03	
4100.00	17.94	53.03	4067.35	153.54	195.48	248.56	2.01	-1.37	-4.69	
4130.00	18.29	52.24	4095.86	159.20	202.89	257.89	1.43	1.17	-2.63	
4160.00	18.99	51.54	4124.29	165.11	210.44	267.48	2.45	2.33	-2.33	
4192.00	19.26	51.89	4154.52	171.61	218.67	277.96	0.92	0.84	1.09	
4222.00	18.82	52.68	4182.88	177.60	226.41	287.75	1.70	-1.47	2.63	
4254.00	18.38	53.83	4213.21	183.70	234.59	297.95	1.79	-1.37	3.59	
4285.00	18.64	54.35	4242.61	189.48	242.56	307.78	0.99	0.84	1.68	
4316.00	19.08	53.21	4271.94	195.40	250.64	317.79	1.85	1.42	-3.68	
4347.00	18.44	52.24	4301.30	201.44	258.57	327.76	2.30	-2.06	-3.13	
4379.00	17.76	52.42	4331.71	207.51	266.44	337.70	2.13	-2.12	0.56	
4411.00	17.85	52.60	4362.18	213.47	274.21	347.48	0.33	0.28	0.56	
4441.00	18.38	52.24	4390.69	219.16	281.60	356.81	1.81	1.77	-1.20	
4472.00	18.91	52.33	4420.07	225.22	289.44	366.72	1.71	1.71	0.29	
4504.00	18.73	53.30	4450.35	231.46	297.66	377.04	1.13	-0.56	3.03	
4535.00	18.82	53.12	4479.71	237.43	305.65	387.01	0.35	0.29	-0.58	
4566.00	18.55	52.33	4509.07	243.45	313.56	396.94	1.19	-0.87	-2.55	
4598.00	19.08	51.54	4539.36	249.81	321.68	407.26	1.84	1.66	-2.47	
4627.00	19.35	51.63	4566.75	255.74	329.16	416.80	0.94	0.93	0.31	
4658.00	18.64	52.33	4596.06	261.96	337.11	426.89	2.41	-2.29	2.26	
4689.00	17.85	52.68	4625.50	267.86	344.81	436.60	2.57	-2.55	1.13	
4720.00	16.97	52.16	4655.08	273.52	352.16	445.87	2.88	-2.84	-1.68	
4751.00	16.09	51.72	4684.80	278.96	359.10	454.69	2.87	-2.84	-1.42	
4783.00	16.09	51.98	4715.54	284.44	366.08	463.56	0.23	0.00	0.81	
4845.00	16.88	50.40	4774.99	295.47	379.78	481.15	1.46	1.27	-2.55	
4907.00	16.71	50.75	4834.35	306.84	393.62	499.06	0.32	-0.27	0.56	
4970.00	16.27	51.63	4894.78	318.05	407.55	516.94	0.80	-0.70	1.40	
5033.00	16.53	50.66	4955.20	329.21	421.40	534.73	0.60	0.41	-1.54	
5095.00	17.41	48.90	5014.50	340.90	435.21	552.82	1.64	1.42	-2.84	
5158.00	17.67	51.01	5074.57	353.11	449.75	571.79	1.09	0.41	3.35	
5227.00	17.15	50.31	5140.41	366.20	465.72	592.44	0.81	-0.75	-1.01	
5289.00	15.74	49.78	5199.87	377.47	479.17	609.98	2.29	-2.27	-0.85	
5351.00	14.86	51.63	5259.67	387.83	491.83	626.34	1.62	-1.42	2.98	
5403.00	14.25	51.19	5310.00	395.98	502.04	639.41	1.19	-1.17	-0.85	
5464.00	14.60	52.16	5369.08	405.40	513.96	654.60	0.70	0.57	1.59	
5527.00	14.42	53.21	5430.07	414.97	526.52	670.38	0.51	-0.29	1.67	
5588.00	14.68	53.39	5489.11	424.13	538.80	685.70	0.43	0.43	0.30	
5650.00	14.60	53.30	5549.10	433.49	551.37	701.36	0.13	-0.13	-0.15	
5712.00	15.48	51.54	5608.98	443.30	564.12	717.44	1.60	1.42	-2.84	
5775.00	14.68	48.38	5669.81	453.83	576.67	733.82	1.82	-1.27	-5.02	

PathFinder

Survey Report

Company: PURE Resources	Date: 5/17/2005	Time: 10:31:38	Page: 3
Field: Esperanza	Co-ordinate(NE) Reference:	Well: Esperanza 13 #2, Grid North	
Site: Esperanza 13 #2	Vertical (TVD) Reference:	SITE 0.0	
Well: Esperanza 13 #2	Section (VS) Reference:	Well (0.00N,0.00E,51.48Azi)	
Wellpath: Original Hole/Surveys	Survey Calculation Method:	Minimum Curvature	Db: Sybase

Survey: PathFinder MWD 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
5837.00	15.12	50.13	5729.72	464.23	588.75	749.75	1.02	0.71	2.82	
5901.00	15.56	51.10	5791.44	474.98	601.84	766.68	0.80	0.69	1.52	
5964.00	14.77	49.17	5852.25	485.53	614.49	783.15	1.49	-1.25	-3.06	
6026.00	15.04	48.73	5912.16	496.01	626.52	799.09	0.47	0.44	-0.71	
6089.00	15.83	48.38	5972.89	507.11	639.08	815.83	1.26	1.25	-0.56	
6150.00	16.80	48.03	6031.43	518.53	651.86	832.94	1.60	1.59	-0.57	
6211.00	15.92	47.76	6089.96	530.05	664.61	850.09	1.45	-1.44	-0.44	
6273.00	15.12	49.26	6149.70	541.04	677.03	866.65	1.44	-1.29	2.42	
6399.00	15.30	49.17	6271.29	562.63	702.06	899.68	0.14	0.14	-0.07	
6462.00	14.60	48.73	6332.15	573.31	714.31	915.92	1.13	-1.11	-0.70	
6524.00	14.86	50.22	6392.12	583.55	726.30	931.67	0.74	0.42	2.40	
6586.00	14.51	50.49	6452.09	593.57	738.40	947.39	0.58	-0.56	0.44	
6648.00	14.68	50.49	6512.09	603.51	750.45	963.01	0.27	0.27	0.00	
6708.00	15.04	51.89	6570.08	613.16	762.44	978.40	0.85	0.60	2.33	
6771.00	15.48	52.42	6630.86	623.33	775.54	994.98	0.73	0.70	0.84	
6833.00	14.86	51.80	6690.70	633.29	788.34	1011.20	1.03	-1.00	-1.00	
6896.00	14.33	52.42	6751.67	643.04	800.87	1027.07	0.88	-0.84	0.98	
6956.00	14.77	54.97	6809.75	651.96	813.02	1042.13	1.30	0.73	4.25	
7018.00	15.30	54.70	6869.62	661.22	826.17	1058.19	0.86	0.85	-0.44	
7081.00	15.04	54.53	6930.43	670.77	839.61	1074.65	0.42	-0.41	-0.27	
7144.00	15.56	54.62	6991.19	680.41	853.15	1091.25	0.83	0.83	0.14	
7207.00	16.62	53.03	7051.73	690.72	867.24	1108.69	1.82	1.68	-2.52	
7270.00	15.56	51.36	7112.26	701.41	881.04	1126.15	1.84	-1.68	-2.65	
7332.00	14.60	49.08	7172.12	711.72	893.44	1142.27	1.82	-1.55	-3.68	
7394.00	13.89	49.34	7232.22	721.69	904.99	1157.52	1.15	-1.15	0.42	
7435.00	13.63	50.22	7272.04	727.99	912.44	1167.26	0.81	-0.63	2.15	
7497.00	15.74	53.74	7332.01	737.64	924.83	1182.97	3.69	3.40	5.68	
7559.00	15.12	55.41	7391.78	747.20	938.27	1199.44	1.23	-1.00	2.69	
7621.00	15.21	56.81	7451.62	756.24	951.73	1215.61	0.61	0.15	2.26	
7682.00	15.83	52.77	7510.40	765.66	965.05	1231.89	2.04	1.02	-6.62	
7745.00	15.30	53.03	7571.08	775.86	978.54	1248.79	0.85	-0.84	0.41	
7807.00	13.72	54.62	7631.11	785.03	991.07	1264.31	2.63	-2.55	2.56	
7870.00	14.16	56.37	7692.25	793.63	1003.58	1279.45	0.97	0.70	2.78	
7933.00	16.97	55.94	7752.93	803.05	1017.61	1296.30	4.46	4.46	-0.68	
7996.00	17.06	56.37	7813.18	813.31	1032.92	1314.67	0.25	0.14	0.68	
8058.00	16.36	56.37	7872.56	823.19	1047.77	1332.43	1.13	-1.13	0.00	
8121.00	15.65	56.90	7933.11	832.74	1062.27	1349.73	1.15	-1.13	0.84	
8184.00	15.56	57.08	7993.79	841.97	1076.48	1366.60	0.16	-0.14	0.29	
8246.00	16.00	54.97	8053.46	851.40	1090.46	1383.41	1.17	0.71	-3.40	
8310.00	14.95	54.18	8115.14	861.29	1104.38	1400.46	1.67	-1.64	-1.23	
8373.00	14.77	54.44	8176.03	870.72	1117.50	1416.59	0.30	-0.29	0.41	
8436.00	14.95	53.03	8236.92	880.27	1130.53	1432.74	0.64	0.29	-2.24	
8497.00	15.92	51.45	8295.72	890.22	1143.36	1448.97	1.73	1.59	-2.59	
8559.00	16.00	51.89	8355.33	900.79	1156.73	1466.02	0.23	0.13	0.71	
8621.00	15.65	51.54	8414.98	911.27	1170.00	1482.92	0.59	-0.56	-0.56	
8683.00	14.86	52.77	8474.80	921.28	1182.88	1499.24	1.38	-1.27	1.98	
8746.00	15.48	53.03	8535.60	931.22	1196.03	1515.72	0.99	0.98	0.41	
8806.00	15.74	52.16	8593.39	941.03	1208.85	1531.86	0.58	0.43	-1.45	
8869.00	15.48	54.35	8654.06	951.17	1222.43	1548.80	1.02	-0.41	3.48	
8931.00	15.04	56.76	8713.88	960.41	1235.88	1565.07	1.24	-0.71	3.89	
8993.00	14.42	55.50	8773.84	969.19	1248.97	1580.78	1.13	-1.00	-2.03	
9057.00	14.51	55.58	8835.81	978.23	1262.16	1596.73	0.14	0.14	0.12	
9120.00	15.21	55.23	8896.70	987.41	1275.46	1612.85	1.12	1.11	-0.56	

PathFinder

Survey Report

Company: PURE Resources
 Field: Esperanza
 Site: Esperanza 13 #2
 Well: Esperanza 13 #2
 Wellpath: Original Hole/Surveys

Date: 5/17/2005 Time: 10:31:38 Page: 4
 Co-ordinate(N/E) Reference: Well: Esperanza 13 #2, Grid North
 Vertical (TVD) Reference: SITE 0.0
 Section (VS) Reference: Well (0.00N,0.00E,51.48Azi)
 Survey Calculation Method: Minimum Curvature Db: Sybase

Survey: PathFinder MWD 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
9183.00	14.33	53.74	8957.62	996.73	1288.53	1628.89	1.52	-1.40	-2.37	
9296.00	11.61	61.91	9067.74	1010.36	1309.84	1654.05	2.90	-2.41	7.23	
9359.00	10.73	66.04	9129.55	1015.73	1320.80	1665.96	1.89	-1.40	6.56	
9423.00	11.78	55.32	9192.32	1021.87	1331.61	1678.25	3.65	1.64	-16.75	
9486.00	14.42	54.53	9253.68	1030.08	1343.29	1692.50	4.20	4.19	-1.25	
9550.00	15.21	60.51	9315.55	1038.84	1357.09	1708.75	2.69	1.23	9.34	
9613.00	16.62	59.98	9376.14	1047.41	1372.09	1725.82	2.25	2.24	-0.84	
9676.00	15.92	53.21	9436.62	1057.09	1386.81	1743.37	3.21	-1.11	-10.75	
9740.00	15.92	47.85	9498.17	1068.24	1400.35	1760.91	2.30	0.00	-8.37	
9803.00	16.27	46.44	9558.70	1080.12	1413.15	1778.32	0.83	0.56	-2.24	
9867.00	17.94	43.45	9619.87	1093.46	1426.42	1797.01	2.95	2.61	-4.67	
9930.00	15.12	41.70	9680.26	1106.64	1438.57	1814.72	4.54	-4.48	-2.78	
9993.00	14.42	40.73	9741.17	1118.72	1449.15	1830.53	1.18	-1.11	-1.54	
10057.00	13.54	39.94	9803.28	1130.50	1459.16	1845.70	1.41	-1.37	-1.23	
10120.00	12.05	38.01	9864.71	1141.34	1467.94	1859.32	2.46	-2.37	-3.06	
10184.00	11.17	37.83	9927.40	1151.50	1475.86	1871.84	1.38	-1.37	-0.28	
10247.00	9.85	36.07	9989.34	1160.67	1482.78	1882.96	2.16	-2.10	-2.79	
10310.00	8.62	38.18	10051.53	1168.74	1488.87	1892.75	2.02	-1.95	3.35	
10374.00	7.30	38.88	10114.91	1175.68	1494.38	1901.39	2.07	-2.06	1.09	
10437.00	6.42	37.92	10177.46	1181.57	1499.06	1908.72	1.41	-1.40	-1.52	
10564.00	5.28	37.30	10303.79	1191.82	1506.97	1921.29	0.90	-0.90	-0.49	
10627.00	3.61	38.53	10366.60	1195.68	1509.96	1926.03	2.65	-2.65	1.95	
10691.00	2.11	47.23	10430.52	1198.05	1512.08	1929.17	2.43	-2.34	13.59	
10754.00	1.58	52.86	10493.49	1199.37	1513.62	1931.20	0.89	-0.84	8.94	
10881.00	1.41	53.65	10620.44	1201.35	1516.28	1934.51	0.13	-0.13	0.62	
11008.00	0.18	2.15	10747.43	1202.48	1517.54	1936.20	1.03	-0.97	-40.55	
11134.00	0.35	340.53	10873.43	1203.04	1517.42	1936.45	0.15	0.13	-17.16	
11261.00	0.35	341.76	11000.43	1203.77	1517.17	1936.71	0.01	0.00	0.97	
11388.00	0.35	283.31	11127.42	1204.23	1516.67	1936.61	0.27	0.00	-46.02	
11515.00	0.79	250.35	11254.42	1204.02	1515.47	1935.54	0.42	0.35	-25.95	
11642.00	0.79	179.60	11381.41	1202.85	1514.65	1934.17	0.72	0.00	-55.71	
11769.00	0.70	152.53	11508.40	1201.29	1515.02	1933.48	0.28	-0.07	-21.31	
11959.00	1.49	203.77	11698.37	1198.00	1514.56	1931.07	0.62	0.42	26.97	
12010.00	1.14	208.51	11749.35	1196.95	1514.05	1930.02	0.72	-0.69	9.29	
12050.00	1.14	208.51	11789.34	1196.25	1513.67	1929.29	0.00	0.00	0.00	

PURE Resources

Esperanza 13-2 Section 13, T22-S, R26-E Eddy County, New Mexico Final Plot

COMPANY DETAILS

PURE Resources
500 W. Illinois Avenue
Midland, TX 79701

Calculation Method: Minimum Curvature
Error System: Systematic Ellipse
Scan Method: Horizontal Plane
Error Surface: Elliptical + Casing
Warning Method: Error Ratio

PATHFINDER

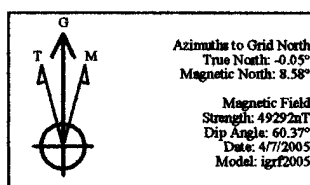
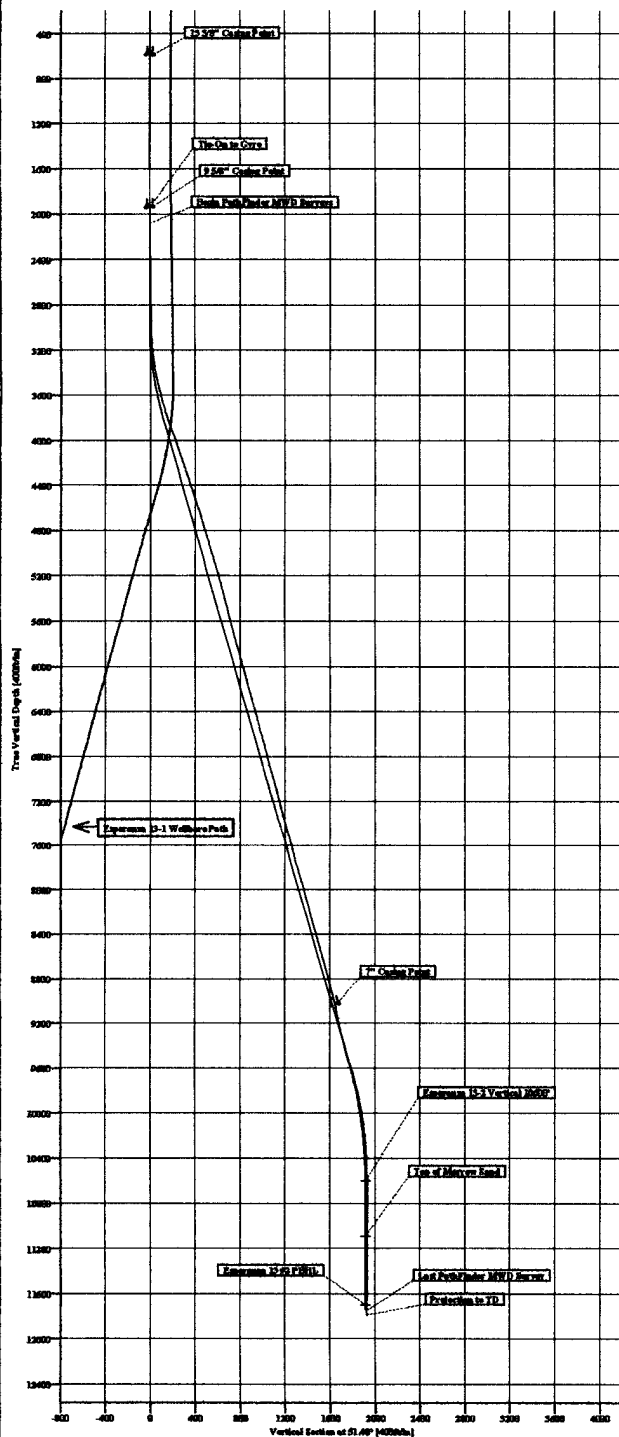
ENERGY SERVICES

FIELD DETAILS

Esperanza
Eddy County, New Mexico
Geodetic System: US State Plane Coordinate System 1927
Ellipsoid: NAD27 (Clarke 1866)
Zone: New Mexico, Eastern Zone
Magnetic Model: igr2005
System Datum: Mean Sea Level
Local North: Grid North

WELLPATH DETAILS

Original Hole/Surveys
Rig: Nabors #715
Ref. Datum: SITE 0.00ft
V. Section Angle: 51.48°
Origin +N/-S: 0.00
Origin +E/-W: 0.00
Starting From TVD: 0.00

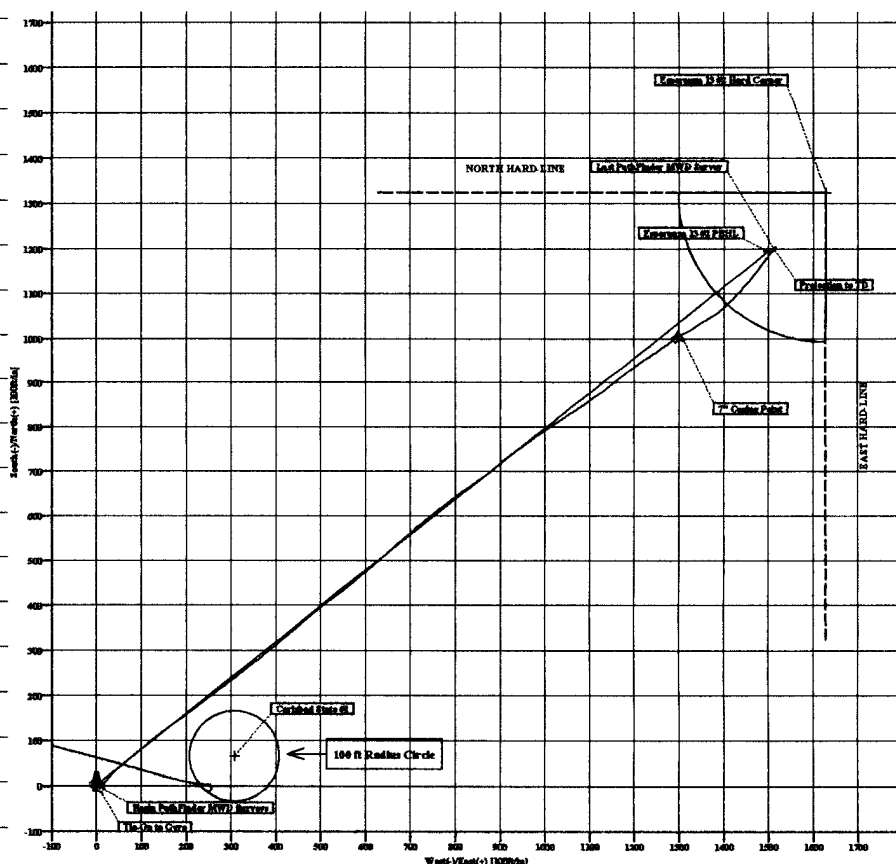


SITE DETAILS

Esperanza 13 #2	
Site Centre Northing:	504414.40
Easting:	527435.20
Ground Level:	3151.00
Positional Uncertainty:	0.00
Convergence:	0.05

WELL DETAILS

Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
Esperanza 13 #2	0.00	0.00	504414.40	527435.20	32°23'12.187N	104°14'40.042W	N/A



- ### LEGEND
- Esperanza 13-2 Plan #4 031605
 - Esperanza 13 #1, Esperanza 13 #1, Original Hole V0
 - Esperanza 13 #2, Esperanza 13 #2, Original Hole/Surveys
 - Pathfinder MWD Survey

Survey: Pathfinder MWD Survey (Esperanza 13 #2) (Original Hole/Surveys)
Control: Ben Rodriguez
Date: 3/17/2005