

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTOil Cons.
N.M. Div-Dist. 2
1301 W. Grand Avenue
Artesia, NM 88210FORM APPROVED
OMB No. 1004-0137
Expires: March 31, 2007AUG 03 2007
OCD-ARTESIA**SUNDRY NOTICES AND REPORTS ON WELLS***Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.***SUBMIT IN TRIPLICATE- Other instructions on reverse side.**

1. Type of Well ☐ Oil Well ☒ Gas Well ☐ Other		5. Lease Serial No. NM 36193
2. Name of Operator McKay Oil Corporation		6. If Indian, Allottee or Tribe Name
3a. Address PO Box 2014, Roswell, NM 88202-2014	3b. Phone No. (include area code) 505.623.4735	7. If Unit or CA/Agreement, Name and/or No
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Surface: 695'FSL & 660'FWL, Sec. 15, T6S, R22E Bottom Hole: 1146'FSL & 2568'FWL, Sec. 15, T6S, R22E		8. Well Name and No. Four Mile Draw B Federal #7Y
		9. API Well No. 300-005-63900
		10. Field and Pool, or Exploratory Area W. Pecos ABO Slope
		11. County or Parish, State Chaves, NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☒ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

2/18 to 2/25 Drilled down to 2,845' and cored from 2,845' - 2,994'.
2/26 Logged well. Set plug 2800' with 50 sks Cneat. Plug back to 2,240'.
2/27 to 3/6 Kickoff horizontal curve at 2,260' and drilled to 3,231' MD. Penetrated Abo Formation at 765'FSL & 1,230'FWL @ 2,852' TVD.
3/7 Ran 3,231' of 7" J-55, 23#, Casing. Pumped 180 sks 50:50:2 Classs "C", 2/10% FL25, 1% CD32 and 5% Salt. WOC 18 hrs.
Ran pressure test @ 2,500 psi on casing. Test OK
3/8 to 3/20 Drilled to MD 4,611' (TVD 2883.5') See attached Deviation Survey. Bottom hole TD is 1,146' FSL and 2,568' FWL.
3/28 Perf'd first section, 4,000' - 4,310' (approx. 2 spf - total 130), set tubing @ 3,871.64. Blew to pit.
4/3 Frac'd with Sand Brown, 12/20 - 316,541 lbs, CO2 foam - 66,864 gals. Blew to pit.
4/4 to 5/29 Shut-in and test well. Waiting to complete second section.

ACCEPTED FOR RECORD

JUL 31 2007

ALEXIS C. SWOBODA
PETROLEUM ENGINEER

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

James L. Schultz

Title Agent

Signature

Date

07/30/2007

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

Accepted for record - NMCD

8/3/07



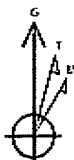
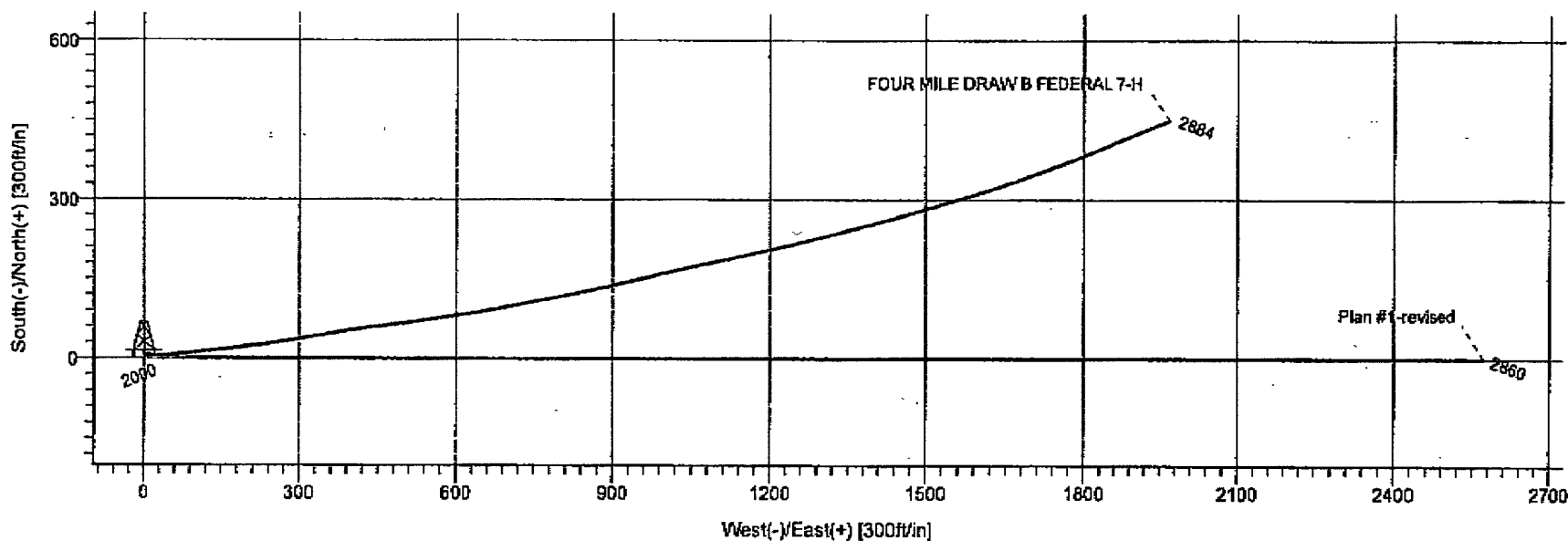
ROCK RESOURCES

SECTION 15, T16S-R22E
FOUR MILE DRAW B FEDERAL
CHAVES COUNTY, NEW MEXICO
LATERAL

7Y

ALL DEPTHS SHOWN ARE
TRUE VERTICAL DEPTHS

4511.00' MD 89.76° INCLINATION 68.28° AZIMUTH 2883.50° TVD
451.00' NORTH 1988.00' EAST of SURFACE LOCATION
2020.00' CLOSURE DISTANCE 77.10° CLOSURE AZIMUTH



Azimuth to Grid North
True North 0.21°
Magnetic North 8.86°
Magnetic Declination
Strength 4820nT
Dip North 61.54°
Date 2/26/2007
Model 12/2005

WELL DETAILS

Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Spot
FOUR MILE DRAW B FEDERAL 7-H	0.0	0.0	1015342.42	283839.03	35°47'25.800N	104°42'56.400W	N/A

Plugged Back
6/11

114% FSL
2568 FWL

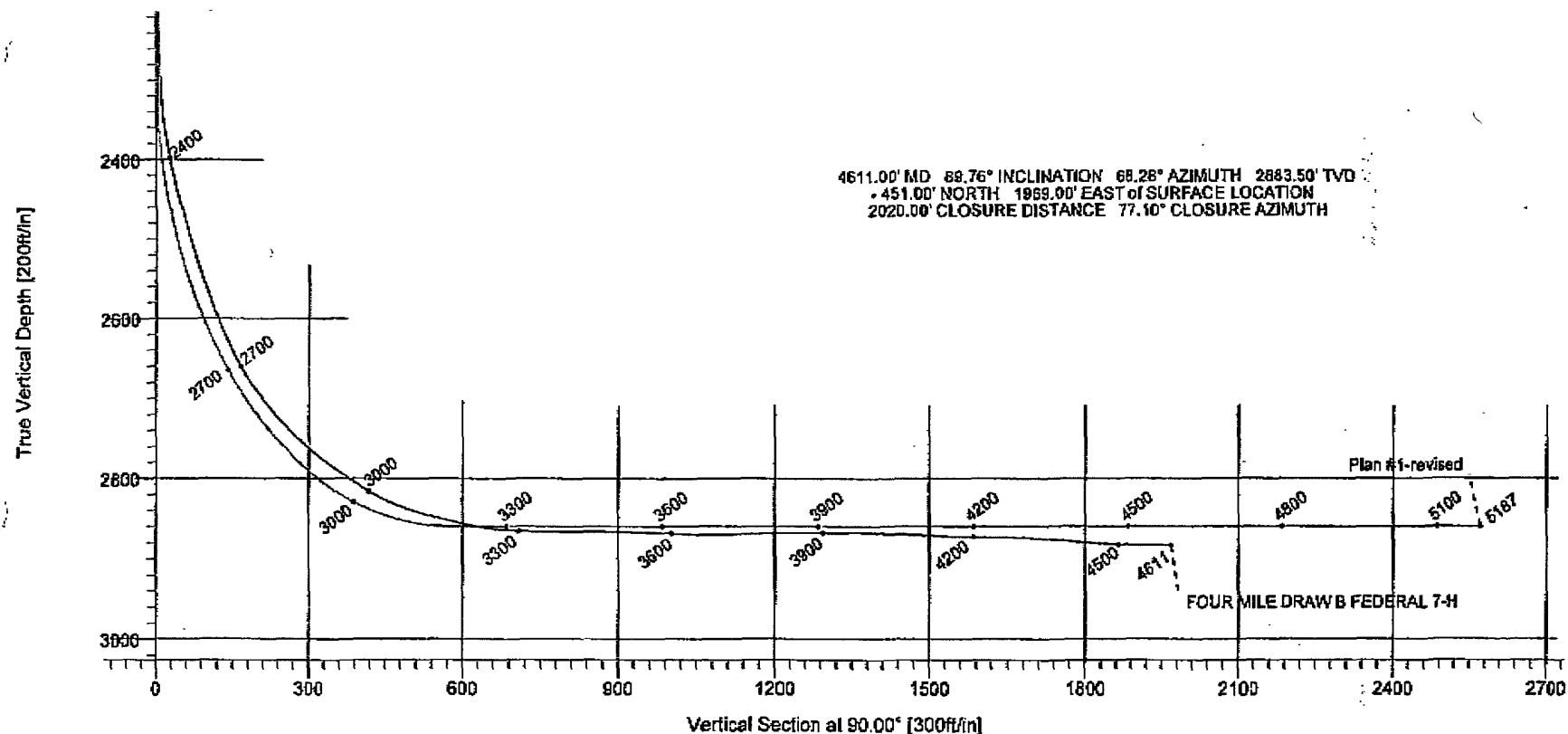
March 20, 2007
Scientific Drilling
281.443.4600



Scientific Drilling

ROCK RESOURCES
SECTION 15, T16S-R22E
FOUR MILE DRAW B FEDERAL 7-H
CHAVES COUNTY, NEW MEXICO
LATERAL

ALL DEPTHS SHOWN ARE
MEASURED DEPTHS



March 29, 2007
Scientific Drilling
281.443 4600



Scientific Drilling Houston

Final Survey Report

Company: ROCK RESOURCES		Date: 3/20/2007	Time: 09:00:08	Page: 1
Field: CHAVES COUNTY, NEW MEXICO		Co-ordinate(NE) Reference:	Well: FOUR MILE DRAW B FEDERAL 7-H	
Site: SECTION 15, T16S-R22E		Vertical (TVD) Reference:	RKB 43 0.0	
Well: FOUR MILE DRAW B FEDERAL 7-H		Section (VS) Reference:	Well (0.00N,0.00E,90.00Azi)	
Wellpath: LATERAL		Survey Calculation Method:	Minimum Curvature	Db: Sybase

Field: CHAVES COUNTY, NEW MEXICO	
Map System: US State Plane Coordinate System 1927	Map Zone: New Mexico, Eastern Zone
Geo Datum: NAD27 (Clarke 1866)	Coordinate System: Well Center
Sys Datum: Mean Sea Level	Geomagnetic Model: Igrf2005

Site: SECTION 15, T16S-R22E	
Site Position:	Northings: 1015342.42 ft Latitude: 33 47 25.80 N
From: Geographic	Easting: 383839.03 ft Longitude: 104 42 56.40 W
Position Uncertainty: 0.0 ft	North Reference: Grid
Ground Level: 4358.0 ft	Grid Convergence: -0.2 deg

Well: FOUR MILE DRAW B FEDERAL 7-H		Slot Name:
Well Position:	+N-S 0.0 ft Northings: 1015342.42 ft Latitude: 33 47 25.80 N	
	+E-W 0.0 ft Easting: 383839.03 ft Longitude: 104 42 56.40 W	
Position Uncertainty: 0.0 ft		

Wellpath: LATERAL		Drilled From: Surface
Current Datum: RKB	Height 4370.0 ft	Tie-on Depth: 0.0 ft
Magnetic Date: 2/26/2007		Above System Datum: Mean Sea level
Field Strength: 49901 nT		Declination: 8.7 deg
Vertical Section: Depth From (TVD)	+N-S	Mag Dip Angle: 61.5 deg
ft	ft	ft
0.0	0.0	0.0
		90.00

Survey										
MD ft	Incl deg	Azim bearing	TVD ft	N/S ft	E/W ft	VS ft	DLS deg/100ft	ClsD ft	ClsA bearing	Tool
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.0	0.00	TIE LINE
1000.0	0.00	0.00	1000.0	0.0	0.0	0.0	0.00	0.0	0.00	MWD-SDI
1794.0	0.88	35.33	1794.0	5.0	3.5	3.5	0.11	6.1	35.33	MWD-SDI
2199.0	0.17	207.47	2199.0	7.0	5.0	5.0	0.26	8.8	35.88	MWD-SDI
2231.0	0.24	245.23	2231.0	8.9	5.0	5.0	0.46	8.5	35.70	MWD-SDI
2260.0	1.49	97.21	2260.0	6.8	5.3	5.3	5.86	8.6	37.70	MWD-SDI
2291.0	3.79	102.32	2290.9	6.6	6.7	6.7	7.45	9.4	45.51	SDI E-FIELD
2320.0	7.45	100.78	2319.8	6.0	9.5	9.5	12.63	11.2	57.60	SDI E-FIELD
2352.0	11.50	97.30	2351.3	5.2	14.7	14.7	12.78	15.6	70.43	SDI E-FIELD
2383.0	15.62	93.07	2381.5	4.6	21.9	21.9	13.66	22.4	78.14	SDI E-FIELD
2414.0	19.47	88.70	2411.0	4.5	31.2	31.2	13.12	31.6	81.82	SDI E-FIELD
2446.0	22.10	86.11	2440.9	5.0	42.6	42.6	8.70	42.9	83.27	SDI E-FIELD
2477.0	23.28	84.14	2469.5	6.0	54.5	54.5	4.53	54.8	83.67	SDI E-FIELD
2508.0	24.86	83.71	2497.8	7.4	67.1	67.1	5.13	67.5	83.72	SDI E-FIELD
2539.0	26.63	83.77	2525.8	8.9	80.5	80.5	5.71	80.9	83.72	SDI E-FIELD
2568.0	27.87	83.71	2551.5	10.3	93.7	93.7	4.28	94.2	83.72	SDI E-FIELD
2599.0	30.38	83.97	2578.6	11.9	108.7	108.7	8.11	109.3	83.74	SDI E-FIELD
2631.0	33.57	83.53	2605.8	13.8	125.5	125.5	10.00	126.2	83.74	SDI E-FIELD
2662.0	37.18	83.43	2631.0	15.8	143.3	143.3	11.65	144.2	83.71	SDI E-FIELD
2693.0	41.23	83.21	2655.0	18.1	162.8	162.8	13.07	163.8	83.66	SDI E-FIELD
2725.0	45.57	83.28	2678.3	20.7	184.6	184.6	13.56	185.8	83.61	SDI E-FIELD
2756.0	49.75	83.10	2699.2	23.4	207.4	207.4	13.49	208.7	83.57	SDI E-FIELD
2787.0	53.63	82.81	2718.4	26.4	231.5	231.5	12.54	233.0	83.50	SDI E-FIELD
2818.0	56.87	82.11	2736.1	29.7	256.7	256.7	9.98	258.4	83.40	SDI E-FIELD
2849.0	58.54	80.70	2752.5	33.6	282.7	282.7	10.03	284.7	83.21	SDI E-FIELD
2878.0	62.62	79.76	2768.5	38.0	307.7	307.7	10.99	310.1	82.97	SDI E-FIELD
2909.0	65.32	80.29	2780.1	42.8	335.2	335.2	8.84	337.9	82.73	SDI E-FIELD
2940.0	65.67	80.59	2793.0	47.5	363.0	363.0	1.43	368.1	82.55	SDI E-FIELD



Scientific Drilling Houston

Final Survey Report

Company: ROCK RESOURCES
Field: CHAVES COUNTY, NEW MEXICO
Site: SECTION 15, T16S-R22E
Well: FOUR MILE DRAW B FEDERAL 7-H
Wellpath: LATERAL

Date: 3/20/2007 Time: 09:00 Page: 2
Co-ordinate(N/E) Reference: Well: FOUR MILE DRAW B FEDERAL 7-H
Vertical (TVD) Reference: RKB 43' 0.0
Section (VS) Reference: Well (0.10N, 0.00E, 90.00Azi)
Survey Calculation Method: Minimum Curvature Db: Sybase

Survey

MD ft	Incl deg	Azim bearing	TVD ft	N/S ft	E/W ft	VS ft	DLS deg/100ft	CLD ft	AsA bearing	Tool
2972.0	66.93	81.12	2805.8	52.1	391.9	391.9	4.22	395.4	82.42	SDI E-FIELD
3003.0	69.98	82.21	2817.2	56.3	420.4	420.4	10.37	424.2	82.37	SDI E-FIELD
3034.0	73.45	83.14	2826.9	60.0	449.6	449.6	11.55	453.6	82.39	SDI E-FIELD
3065.0	76.42	83.05	2835.0	63.6	479.3	479.3	9.58	483.6	82.44	SDI E-FIELD
3096.0	78.73	82.66	2841.6	67.4	509.4	509.4	7.65	513.8	82.46	SDI E-FIELD
3128.0	80.58	81.91	2847.4	71.6	540.6	540.6	6.22	545.3	82.45	SDI E-FIELD
3159.0	80.92	81.09	2852.4	76.2	570.8	570.8	2.83	575.9	82.40	SDI E-FIELD
3236.0	84.95	81.16	2861.8	87.9	646.3	646.3	5.23	652.3	82.25	SDI E-FIELD
3266.0	86.06	79.59	2864.2	92.9	675.8	675.8	6.40	682.2	82.17	SDI E-FIELD
3296.0	87.65	79.36	2865.8	98.4	705.3	705.3	5.35	712.1	82.06	SDI E-FIELD
3326.0	89.50	79.06	2866.6	104.0	734.7	734.7	6.25	742.0	81.94	SDI E-FIELD
3356.0	89.93	79.20	2866.7	109.7	764.2	764.2	1.51	772.0	81.83	SDI E-FIELD
3387.0	89.76	78.90	2866.8	115.6	794.6	794.6	1.11	803.0	81.72	SDI E-FIELD
3417.0	90.13	78.57	2866.9	121.4	824.0	824.0	1.65	832.9	81.62	SDI E-FIELD
3448.0	90.40	78.07	2866.7	127.7	854.4	854.4	1.83	863.9	81.50	SDI E-FIELD
3478.0	89.56	77.38	2866.7	134.1	883.7	883.7	3.62	893.8	81.37	SDI E-FIELD
3508.0	89.50	77.08	2867.0	140.7	913.0	913.0	1.02	923.7	81.24	SDI E-FIELD
3541.0	88.32	77.25	2867.6	148.1	945.1	945.1	3.61	958.7	81.10	SDI E-FIELD
3573.0	89.09	75.21	2868.3	155.7	978.2	978.2	6.81	988.5	80.94	SDI E-FIELD
3605.0	87.68	77.46	2869.2	163.2	1007.3	1007.3	8.30	1020.4	80.80	SDI E-FIELD
3637.0	88.45	77.36	2870.3	170.2	1038.5	1038.5	2.42	1052.3	80.69	SDI E-FIELD
3669.0	89.46	77.44	2870.9	177.2	1069.7	1069.7	3.16	1084.3	80.60	SDI E-FIELD
3700.0	90.67	78.09	2870.8	183.7	1100.0	1100.0	4.43	1115.3	80.52	SDI E-FIELD
3732.0	91.40	77.81	2870.3	190.4	1131.3	1131.3	2.44	1147.2	80.45	SDI E-FIELD
3764.0	91.58	77.51	2869.4	197.3	1162.6	1162.6	1.09	1179.2	80.37	SDI E-FIELD
3796.0	91.14	77.37	2868.7	204.2	1193.8	1193.8	1.44	1211.1	80.29	SDI E-FIELD
3829.0	90.84	77.36	2868.1	211.4	1226.0	1226.0	0.91	1244.1	80.22	SDI E-FIELD
3856.0	90.20	75.92	2867.9	217.7	1252.2	1252.2	5.84	1271.0	80.14	SDI E-FIELD
3889.0	89.77	75.91	2867.9	225.7	1284.3	1284.3	1.30	1303.9	80.03	SDI E-FIELD
3921.0	89.97	76.02	2867.9	233.5	1315.3	1315.3	0.71	1335.9	79.94	SDI E-FIELD
3953.0	90.57	75.89	2867.8	241.2	1346.3	1346.3	1.92	1367.8	79.84	SDI E-FIELD
3985.0	88.76	75.19	2868.0	249.2	1377.3	1377.3	6.06	1399.7	79.74	SDI E-FIELD
4017.0	87.98	75.31	2868.9	257.4	1408.3	1408.3	2.47	1431.6	79.64	SDI E-FIELD
4050.0	88.32	74.60	2870.0	265.9	1440.1	1440.1	2.38	1464.5	79.54	SDI E-FIELD
4082.0	88.66	74.34	2870.8	274.5	1470.9	1470.9	1.34	1496.3	79.43	SDI E-FIELD
4114.0	88.49	73.70	2871.6	283.3	1501.7	1501.7	2.07	1528.2	79.32	SDI E-FIELD
4146.0	88.62	73.26	2872.4	292.4	1532.4	1532.4	1.43	1560.0	79.20	SDI E-FIELD
4178.0	89.43	73.25	2872.9	301.6	1563.0	1563.0	2.53	1591.8	79.08	SDI E-FIELD
4210.0	89.63	72.70	2873.2	311.0	1593.6	1593.6	1.83	1623.6	78.96	SDI E-FIELD
4242.0	90.13	72.42	2873.3	320.6	1624.1	1624.1	1.79	1655.4	78.83	SDI E-FIELD
4274.0	88.92	70.97	2873.5	330.6	1654.5	1654.5	5.90	1687.2	78.70	SDI E-FIELD
4306.0	88.63	70.51	2874.2	341.2	1684.7	1684.7	1.70	1718.9	78.55	SDI E-FIELD
4338.0	87.08	70.15	2875.4	351.9	1714.8	1714.8	4.97	1750.5	78.40	SDI E-FIELD
4371.0	87.14	69.46	2877.1	363.3	1745.7	1745.7	2.10	1783.1	78.24	SDI E-FIELD
4403.0	87.01	69.02	2878.7	374.6	1775.6	1775.6	1.43	1814.7	78.09	SDI E-FIELD
4435.0	87.41	68.76	2880.3	386.1	1805.4	1805.4	1.46	1846.3	77.93	SDI E-FIELD
4467.0	88.22	68.42	2881.5	397.8	1835.2	1835.2	2.77	1877.8	77.77	SDI E-FIELD
4499.0	87.88	68.09	2882.6	409.7	1864.9	1864.9	1.48	1909.4	77.61	SDI E-FIELD
4532.0	89.90	68.58	2883.2	421.8	1895.6	1895.6	6.30	1941.9	77.45	SDI E-FIELD
4564.0	89.76	68.28	2883.3	433.6	1925.3	1925.3	1.03	1973.6	77.31	SDI E-FIELD
4611.0	89.76	68.28	2883.5	451.0	1969.0	1969.0	0.00	2020.0	77.10	PROJECTED DEPTH

FourMileB7H-Final1.txt

H HEADER INFORMATION -----

H COMPANY : ROCK RESOURCES
 H FIELD : CHAVES COUNTY, NEW MEXICO
 H SITE : SECTION 15, T16S-R22E
 H WELL : FOUR MILE DRAW B FEDERAL 7-H
 H WELLPATH: LATERAL
 H DEPTHUNT: ft
 H SURVDATE: 2007-03-20

H-----

H WELL INFORMATION

H WELL EW MAP : 383839.03
 H WELL NS MAP : 1015342.42
 H DATUM ELEV : 4370.00
 H VSECT ANGLE : 90.00

H-----

H SURVEY TYPE INFORMATION

1000.00 - 2260.00 Survey #1 : MWD-SDI
 2291.00 - 4611.00 Survey #2 : SDI E-FIELD

H-----

H SURVEY LIST

TFO	MD	INC	AZI	TVD	NS	EW	VSEC	DOGLEG
	SURVEYTOOL	COMMENT						
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	1000.00	0.00	0.00	1000.00	0.00	0.00	0.00	0.00
0.00	1794.00	0.88	35.33	1793.97	4.97	3.53	3.53	0.11
0.00	2199.00	0.17	207.47	2198.96	6.98	5.05	5.05	0.26
178.73	2231.00	0.24	245.23	2230.96	6.91	4.96	4.96	0.46
82.35	2260.00	1.49	97.21	2259.95	6.84	5.28	5.28	5.86
-152.31	2291.00	3.79	102.32	2290.92	6.57	6.68	6.68	7.45
8.40	2320.00	7.45	100.78	2319.77	6.01	9.47	9.47	12.63
-3.13	2352.00	11.50	97.30	2351.33	5.22	14.67	14.67	12.78
-9.77	2383.00	15.62	93.07	2381.46	4.60	21.91	21.91	13.66
-15.60	2414.00	19.47	88.70	2411.01	4.49	31.25	31.25	13.12
-20.99	2446.00	22.10	86.11	2440.93	5.02	42.58	42.58	8.70
-20.48	2477.00	23.28	84.14	2469.53	6.04	54.50	54.50	4.53
-33.69	2508.00	24.86	83.71	2497.83	7.38	67.07	67.07	5.13
-6.53	2539.00	26.63	83.77	2525.76	8.85	80.45	80.45	5.71
0.87	2568.00	27.87	83.71	2551.54	10.30	93.65	93.65	4.28
-1.30	2599.00	30.38	83.97	2578.61	11.92	108.65	108.65	8.11
3.00	2631.00	33.57	83.53	2605.76	13.76	125.50	125.50	10.00
-4.36	2662.00	37.18	83.43	2631.03	15.80	143.32	143.32	11.65
-0.96	2693.00	41.23	83.21	2655.05	18.08	162.78	162.78	13.07
-2.05	2725.00	45.57	83.28	2678.29	20.67	184.61	184.61	13.56

FourMileB7H-Final1.txt

0.66	SDI E-FIELD						
2756.00	49.75	83.10	2699.16	23.39	207.36	207.36	13.49
-1.88	SDI E-FIELD						
2787.00	53.63	82.81	2718.38	26.37	231.49	231.49	12.54
-3.45	SDI E-FIELD						
2818.00	56.67	82.11	2736.09	29.71	256.71	256.71	9.98
-10.90	SDI E-FIELD						
2849.00	59.54	80.70	2752.47	33.65	282.73	282.73	10.03
-23.02	SDI E-FIELD						
2878.00	62.62	79.76	2766.49	37.96	307.74	307.74	10.99
-15.19	SDI E-FIELD						
2909.00	65.32	80.29	2780.09	42.78	335.17	335.17	8.84
10.12	SDI E-FIELD						
2940.00	65.67	80.59	2792.95	47.47	362.99	362.99	1.43
38.01	SDI E-FIELD						
2972.00	66.93	81.12	2805.81	52.12	391.92	391.92	4.22
21.17	SDI E-FIELD						
3003.00	69.98	82.21	2817.20	56.30	420.44	420.44	10.37
18.59	SDI E-FIELD						
3034.00	73.45	83.14	2826.92	60.05	449.63	449.63	11.55
14.43	SDI E-FIELD						
3065.00	76.42	83.05	2834.98	63.65	479.35	479.35	9.58
-1.69	SDI E-FIELD						
3096.00	78.73	82.66	2841.65	67.41	509.38	509.38	7.55
-9.41	SDI E-FIELD						
3128.00	80.58	81.91	2847.39	71.64	540.58	540.58	6.22
-21.81	SDI E-FIELD						
3159.00	80.92	81.09	2852.38	76.16	570.84	570.84	2.83
-67.28	SDI E-FIELD						
3236.00	84.95	81.16	2861.85	87.95	646.32	646.32	5.23
0.99	SDI E-FIELD						
3266.00	86.06	79.59	2864.20	92.95	675.81	675.81	6.40
-54.72	SDI E-FIELD						
3296.00	87.65	79.36	2865.84	98.42	705.26	705.26	5.35
-8.23	SDI E-FIELD						
3326.00	89.50	79.06	2866.59	104.04	734.72	734.72	6.25
-9.21	SDI E-FIELD						
3356.00	89.93	79.20	2866.74	109.69	764.18	764.18	1.51
18.03	SDI E-FIELD						
3387.00	89.76	78.90	2866.82	115.58	794.61	794.61	1.11
-119.54	SDI E-FIELD						
3417.00	90.13	78.57	2866.85	121.44	824.03	824.03	1.65
-41.73	SDI E-FIELD						
3448.00	90.40	78.07	2866.71	127.72	854.39	854.39	1.83
-61.63	SDI E-FIELD						
3478.00	89.56	77.38	2866.72	134.10	883.71	883.71	3.62
-140.60	SDI E-FIELD						
3508.00	89.50	77.08	2866.96	140.73	912.96	912.96	1.02
-101.31	SDI E-FIELD						
3541.00	88.32	77.25	2867.59	148.06	945.13	945.13	3.61
171.80	SDI E-FIELD						
3573.00	89.09	75.21	2868.32	155.67	976.20	976.20	6.81
-69.34	SDI E-FIELD						
3605.00	87.68	77.46	2869.22	163.23	1007.28	1007.28	8.30
122.11	SDI E-FIELD						
3637.00	88.45	77.38	2870.30	170.19	1038.50	1038.50	2.42
-5.93	SDI E-FIELD						
3669.00	89.46	77.44	2870.88	177.17	1069.72	1069.72	3.16
3.40	SDI E-FIELD						
3700.00	90.67	78.09	2870.85	183.74	1100.02	1100.02	4.43
28.24	SDI E-FIELD						
3732.00	91.40	77.81	2870.27	190.41	1131.30	1131.30	2.44
-20.98	SDI E-FIELD						

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3764.00	91.58	77.51	2869.44	197.25	1162.55	1162.55	1.09
-59.02	SDI E-FIELD						
3796.00	91.14	77.37	2868.68	204.21	1193.78	1193.78	1.44
-162.35	SDI E-FIELD						
3829.00	90.84	77.36	2868.11	211.43	1225.98	1225.98	0.91
-178.09	SDI E-FIELD						
3856.00	90.20	75.92	2867.86	217.66	1252.24	1252.24	5.84
-113.96	SDI E-FIELD						
3889.00	89.77	75.91	2867.87	225.69	1284.25	1284.25	1.30
-178.67	SDI E-FIELD						
3921.00	89.97	76.02	2867.94	233.46	1315.30	1315.30	0.71
28.81	SDI E-FIELD						
3953.00	90.57	75.89	2867.79	241.22	1346.34	1346.34	1.92
-12.22	SDI E-FIELD						
3985.00	88.76	75.19	2867.98	249.21	1377.32	1377.32	6.06
-158.86	SDI E-FIELD						
4017.00	87.98	75.31	2868.89	257.35	1408.26	1408.26	2.47
171.26	SDI E-FIELD						
4050.00	88.32	74.60	2869.96	265.92	1440.11	1440.11	2.38
-64.41	SDI E-FIELD						
4082.00	88.66	74.34	2870.80	274.48	1470.93	1470.93	1.34
-37.40	SDI E-FIELD						
4114.00	88.49	73.70	2871.59	283.29	1501.68	1501.68	2.07
-104.89	SDI E-FIELD						
4146.00	88.62	73.26	2872.40	292.38	1532.35	1532.35	1.43
-73.54	SDI E-FIELD						
4178.00	89.43	73.25	2872.95	301.60	1562.99	1562.99	2.53
-0.71	SDI E-FIELD						
4210.00	89.63	72.70	2873.21	310.97	1593.59	1593.59	1.83
-70.02	SDI E-FIELD						
4242.00	90.13	72.42	2873.28	320.56	1624.12	1624.12	1.79
-29.25	SDI E-FIELD						
4274.00	88.92	70.97	2873.54	330.61	1654.49	1654.49	5.90
-129.85	SDI E-FIELD						
4306.00	88.63	70.51	2874.22	341.16	1684.70	1684.70	1.70
-122.24	SDI E-FIELD						
4338.00	87.08	70.15	2875.42	351.93	1714.81	1714.81	4.97
-166.94	SDI E-FIELD						
4371.00	87.14	69.46	2877.09	363.31	1745.74	1745.74	2.10
-85.04	SDI E-FIELD						
4403.00	87.01	69.02	2878.72	374.63	1775.62	1775.62	1.43
-106.49	SDI E-FIELD						
4435.00	87.41	68.78	2880.28	386.14	1805.44	1805.44	1.46
-30.94	SDI E-FIELD						
4467.00	88.22	68.42	2881.50	397.81	1835.21	1835.21	2.77
-23.95	SDI E-FIELD						
4499.00	87.88	68.09	2882.59	409.66	1864.92	1864.92	1.48
-135.88	SDI E-FIELD						
4532.00	89.90	68.58	2883.22	421.84	1895.58	1895.58	6.30
13.64	SDI E-FIELD						
4564.00	89.76	68.28	2883.32	433.60	1925.34	1925.34	1.03
-115.02	SDI E-FIELD						
4611.00	89.76	68.28	2883.52	450.99	1969.00	1969.00	0.00
180.00	SDI E-FIELD						

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