

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,
Other: _____

2. Name of Operator
Benson-Montin-Greer Drilling Corporation3. Address 4900 College Blvd
Farmington, NM 874023a. Phone No. (include area code)
505-325-8874

4. Location of Well (Report location clearly and in accordance with Federal requirements)

At surface 449' FSL & 281' FEL, Sec 27, T25N, R1W

At top prod. interval reported below

At total depth 526' FSL and 223' FEL Sec 27, T25N, R1W

14. Date Spudded
01/17/201115. Date T.D. Reached
02/10/201116. Date Completed
5/23/11
☐ D & A ☒ Ready to Prod.17. Elevations (DF, RKB, RT, GL)*
7296' GL18. Total Depth: MD 7530'
TVD 7523'19. Plug Back T.D. MD 7330'
TVD 7323'20. Depth Bridge Plug Set: MD N/A
TVD N/A

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

GR/Res/Neu/Den / CBL

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit report)
Directional Survey? ☐ No ☒ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
14 3/4"	10 3/4" J-55	40.5 #	0	504'	N/A	286	71	surf	
9 7/8"	7 5/8" N-80	26.4#	0	6009'	3242'	Stg1&2 506/476	180/173	3242'/2874'	
6 3/4"	5 1/2" N-80	17#	5677'	7400'		298 (8 sqzs)	84	5677'	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 3/8" 4.6#	7252'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Mancos	6724'	7432'	7113' -7218'	.40"	71	open
B)			6728' -6832'	.40"	19	open
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, etc

Depth Interval	Amount and Type of Material
7113' to 7218'	Acid w/ 4000 gl 7 1/2% HCl, Frac w/ 76323# 20/40 snd and 43806 gl CO2 foam (1120 bbl 2% KCl gel wter + 211 T CO2)
6728' to 6832'	Acid w/ 2500 gl 7 1/2% HCl, Frac w/ 180940# 20/40 snd and 105680 gl CO2 foam (1515 bbl 2% KCl gel wter + 342 T CO2)

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
5-23-11	6-3-11	24	→	22.4	0	5.6	38	N/A	Pumping
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
	120 FI		→	22.4	0	5.6		Ready to Produce	

28a Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

*(See instructions and spaces for additional data on page 2)

NMOCD

ACCEPTED FOR RECORD

JUN 07 2011

FARMINGTON FIELD OFFICE
By J. Salyers

28b: Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

28c: Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

29. Disposition of Gas (Solid, used for fuel, vented, etc.)

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
Pictured Cliffs	2968'	3040'	Water	Nacimiento Ojo Alamo	1556' 2636'
Mesa Verde	4810'	5561'	Water	Fruitland Pictured Cliffs	2865' 2968'
Mancos	5561'	7432'	Oil & Gas	Lewis Mesa Verde	3040' 4810'
				Mancos Greenhorn	5561' 7432'
				Graneros	7500'

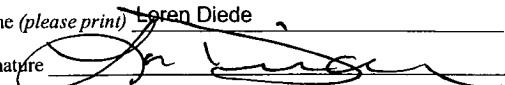
32. Additional remarks (include plugging procedure):

This well was fracture treated with a CO2 foam, the well is still making enough CO2 that a gas measurement is not possible. The gas production will be reported at a later date when saleable gas is available.

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/Mechanical Logs (1 full set req'd)
 ☐ Geologic Report
 ☐ DST Report
 ☒ Directional Survey
☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☐ Other: Electrical Logs previously submitted

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Loren Diede
 Signature 

Title Drilling and Completions
 Date 06/06/2011

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.

(Continued on page 3)

(Form 3160-4, page 2)



Scientific Drilling

Gyroscopic Survey Report
for
Benson-Montin-Greer Drilling Corp.
4900 College Blvd.
Farmington NM 87402

Well Location	SEC 27-T25N- R01W
Well Name	CANADA OJITOS UNIT #46Y
Rig Name	L&W #5
Survey Date	04/06/11, 04/08/11
Latitude	36.36 deg
North Reference	Grid North
Grid Correction	0.45 deg
Depth Reference	RKB 7312' - G.L. 7296'
Calculation Method	Minimum Curvature
Section (VS) Ref	0.00N (ft), 0.00E (ft), 36.83Azim (deg)
Definitive Survey	Computed from MWD BMG canada ojitos unit 46y.txt's MWD BMG...
Operator	C. Flower, M. Kasbaum

Comments

Survey from 606' to 7326' : SDI MWD Survey used from RKB to 5964, Gyro Survey used from 5964' to 7319'. Survey referenced to 16' RKB





Well Name:		CANADA OJITOS UNIT #46Y						
Survey:		Computed from MWD BMG canada ojitos unit 46y.txt's MWD BMG canada ojitos unit 46y.txt and COU#46Y1.BIN'...						
Survey Date:		04/06/11, 04/08/11						
MD ft	Inc deg	Azim deg	TVD ft	VS ft	Northing ft	Easting ft	DLS deg/100ft	Closure Angle deg
0.00	0.00	0.00	0.00	0.00	0.00	0.00	Invalid	0 00
606.00	4.53	341.31	605.37	13.56	22.68	-7.67	0.75	341.31
669.00	3.78	342.64	668.20	16.18	27.02	-9.09	1.20	341.41
764.00	3.38	350.95	763.02	19.96	32.77	-10.46	0.69	342.29
825.00	2.91	358.10	823.93	22.42	36.10	-10.80	1.00	343.35
888.00	2.42	14.85	886.86	24.90	38.98	-10.51	1.45	344.91
951.00	1.68	21.41	949.82	27.03	41.13	-9.83	1.23	346.55
1010.00	0.71	62.86	1008.81	28.19	42.10	-9.19	2.10	347.68
1073.00	1.25	123.16	1071.80	28.58	41.90	-8.27	1.73	348.84
1135.00	1.57	129.63	1133.78	28.59	40.99	-7.05	0.58	350.24
1198.00	1.65	130.02	1196.75	28.49	39.86	-5.69	0.13	351.88
1260.00	1.60	144.65	1258.73	28.18	38.58	-4.51	0.67	353.34
1355.00	1.55	146.37	1353.69	27.34	36.42	-3.03	0.07	355.25
1510.00	2.15	144.68	1508.61	25.75	32.31	-0.18	0.39	359.67
1698.00	2.31	150.26	1696.47	23.16	26.14	3.73	0.14	8.13
1823.00	2.87	149.95	1821.34	20.93	21.24	6.55	0.45	17.14
1947.00	3.39	158.56	1945.16	17.78	15.14	9.45	0.56	31.95
2103.00	4.29	161.99	2100.80	12.00	5.30	12.94	0.60	67.71
2163.00	4.19	160.89	2160.64	9.48	1.10	14.35	0.21	85.63
2287.00	3.21	165.42	2284.38	4.77	-6.54	16.70	0.82	111.39
2411.00	2.39	190.66	2408.24	0.29	-12.45	17.10	1.18	126.05
2504.00	2.46	212.81	2501.16	-3.44	-16.03	15.66	1.00	135.67
2566.00	1.68	204.99	2563.11	-5.66	-17.97	14.55	1.34	141.00
2629.00	0.84	136.61	2626.10	-6.64	-19.14	14.48	2.50	142.89
2691.00	1.40	95.73	2688.09	-6.33	-19.55	15.55	1.52	141.50
2847.00	1.17	34.95	2844.06	-3.75	-18.43	18.36	0.84	135.12
2910.00	1.05	24.82	2907.05	-2.55	-17.38	18.97	0.36	132.50
3035.00	1.84	27.84	3032.01	0.56	-14.57	20.38	0.63	125.55
3159.00	2.67	29.97	3155.91	5.39	-10.31	22.76	0.67	114.37
3222.00	2.28	31.75	3218.85	8.10	-7.97	24.15	0.63	108.26
3376.00	0.81	76.01	3372.79	11.99	-5.10	26.82	1.16	100.77
3439.00	1.06	75.24	3435.78	12.79	-4.85	27.81	0.40	99.88
3502.00	1.43	86.34	3498.77	13.76	-4.65	29.16	0.70	99.05
3627.00	2.48	92.20	3623.70	16.31	-4.65	33.42	0.85	97.92
3721.00	3.20	93.15	3717.58	18.92	-4.87	38.07	0.77	97.29
3784.00	2.89	94.36	3780.49	20.75	-5.09	41.41	0.50	97.01
3847.00	2.31	123.15	3843.43	21.68	-5.91	44.06	2.24	97.63
3909.00	2.08	147.55	3905.38	21.36	-7.54	45.71	1.54	99.36
4002.00	2.21	185.21	3998.32	19.24	-10.75	46.45	1.49	103.03



Survey Report

Well Name:		CANADA OJITOS UNIT #46Y						
Survey:		Computed from MWD BMG canada ojitos unit 46y.txt's MWD BMG canada ojitos unit 46y.txt and COU#46Y1.BIN'						
Survey Date:		04/06/11, 04/08/11						
MD ft	Inc deg	Azim deg	TVD ft	VS ft	Northing ft	Easting ft	DLS deg/100ft	Closure Angle deg
4064.00	1.77	182.82	4060.29	17.43	-12.90	46.30	0.72	105.56
4189.00	1.37	174.95	4185.24	14.71	-16.31	46.33	0.36	109.40
4251.00	1.56	173.67	4247.22	13.55	-17.89	46.49	0.31	111.05
4314.00	1.75	165.81	4310.19	12.32	-19.67	46.82	0.47	112.79
4377.00	1.24	155.32	4373.17	11.39	-21.23	47.34	0.92	114.15
4439.00	0.57	123.07	4435.16	11.09	-22.00	47.88	1.32	114.68
4501.00	0.24	109.56	4497.16	11.14	-22.22	48.26	0.55	114.72
4564.00	0.27	15.36	4560.16	11.32	-22.12	48.42	0.59	114.55
4626.00	0.50	70.66	4622.16	11.68	-21.89	48.72	0.66	114.19
4688.00	0.95	75.42	4684.15	12.31	-21.67	49.47	0.73	113.65
4749.00	1.44	82.59	4745.14	13.24	-21.44	50.72	0.84	112.92
4811.00	1.47	81.75	4807.12	14.34	-21.23	52.28	0.06	112.10
5000.00	1.56	75.27	4996.05	18.08	-20.22	57.17	0.10	109.48
5123.00	1.84	76.23	5119.00	20.91	-19.33	60.70	0.23	107.66
5182.00	1.81	74.67	5177.97	22.38	-18.86	62.52	0.10	106.78
5244.00	2.29	52.25	5239.93	24.35	-17.84	64.45	1.49	105.47
5306.00	2.31	29.35	5301.88	26.78	-15.99	66.04	1.47	103.61
5369.00	2.12	1.17	5364.84	28.99	-13.72	66.68	1.74	101.63
5460.00	2.55	337.71	5455.76	31.39	-10.16	65.95	1.14	98.76
5521.00	2.79	329.94	5516.70	32.67	-7.62	64.69	0.71	96.72
5582.00	2.96	326.85	5577.62	33.80	-5.02	63.09	0.38	94.55
5613.00	2.93	330.83	5608.58	34.39	-3.66	62.26	0.67	93.36
5643.00	3.34	337.04	5638.54	35.14	-2.18	61.55	1.77	92.03
5707.00	3.34	336.96	5702.43	37.02	1.25	60.09	0.01	88.81
5769.00	2.86	325.05	5764.34	38.41	4.18	58.50	1.29	85.91
5831.00	2.26	289.87	5826.28	38.54	5.86	56.46	2.66	84.07
5862.00	2.46	285.34	5857.25	38.11	6.25	55.25	0.88	83.55
5894.00	2.38	289.59	5889.22	37.67	6.65	53.96	0.61	82.97
5925.00	2.06	290.13	5920.20	37.31	7.06	52.83	1.03	82.39
5956.00	2.19	288.31	5951.18	36.97	7.44	51.74	0.47	81.82
5964.00	1.91	290.60	5959.17	36.88	7.53	51.47	3.65	81.68
5989.00	1.79	305.19	5984.16	36.75	7.90	50.77	1.94	81.15
6014.00	1.80	320.72	6009.15	36.84	8.43	50.20	1.94	80.47
6039.00	2.05	331.18	6034.13	37.11	9.12	49.73	1.72	79.60
6064.00	2.22	341.71	6059.12	37.58	9.98	49.37	1.71	78.58
6089.00	2.68	345.18	6084.09	38.21	11.00	49.07	1.94	77.36
6114.00	3.22	347.76	6109.06	39.04	12.25	48.77	2.23	75.90
6139.00	3.66	353.18	6134.02	40.08	13.73	48.52	2.16	74.20



Survey Report

Well Name:		CANADA OJITOS UNIT #46Y						
Survey:		Computed from MWD BMG canada ojitos unit 46y.txt's MWD BMG canada ojitos unit 46y.txt and COU#46Y1.BIN'...						
Survey Date:		04/06/11, 04/08/11						
MD ft	Inc deg	Azim deg	TVD ft	VS ft	Northing ft	Easting ft	DLS deg/100ft	Closure Angle deg
6164.00	3.89	354.67	6158.96	41.28	15.37	48.35	1.03	72.37
6189.00	3.85	354.88	6183.90	42.54	17.05	48.20	0.18	70.52
6214.00	4.19	354.03	6208.84	43.83	18.80	48.03	1.37	68.63
6239.00	4.34	353.44	6233.77	45.19	20.64	47.82	0.62	66.65
6264.00	4.26	357.89	6258.70	46.60	22.51	47.68	1.37	64.73
6289.00	4.49	355.57	6283.63	48.05	24.41	47.57	1.19	62.83
6314.00	4.58	353.83	6308.55	49.52	26.38	47.39	0.65	60.89
6339.00	4.27	357.18	6333.48	50.97	28.30	47.24	1.61	59.07
6364.00	4.14	356.15	6358.41	52.37	30.14	47.13	0.62	57.40
6389.00	3.81	355.85	6383.35	53.68	31.86	47.01	1.33	55.87
6414.00	3.72	355.28	6408.30	54.92	33.50	46.88	0.36	54.45
6439.00	3.79	357.05	6433.24	56.16	35.13	46.77	0.53	53.09
6464.00	3.52	356.38	6458.19	57.38	36.73	46.68	1.08	51.81
6489.00	3.28	359.59	6483.15	58.53	38.21	46.63	1.22	50.67
6514.00	2.56	5.85	6508.12	59.58	39.48	46.68	3.15	49.78
6539.00	2.33	9.27	6533.09	60.51	40.54	46.82	1.08	49.11
6564.00	2.34	13.28	6558.07	61.43	41.54	47.02	0.66	48.54
6589.00	2.00	13.12	6583.05	62.30	42.46	47.23	1.38	48.05
6614.00	1.91	22.03	6608.04	63.10	43.27	47.49	1.26	47.66
6639.00	1.66	28.40	6633.03	63.86	43.98	47.82	1.30	47.40
6664.00	1.80	24.85	6658.02	64.60	44.65	48.15	0.73	47.16
6689.00	2.02	21.76	6683.00	65.41	45.42	48.48	0.98	46.87
6714.00	2.15	24.31	6707.98	66.30	46.25	48.84	0.63	46.56
6739.00	2.41	15.56	6732.97	67.25	47.19	49.17	1.73	46.18
6764.00	2.55	15.51	6757.94	68.25	48.23	49.46	0.58	45.72
6789.00	2.87	20.07	6782.91	69.37	49.35	49.83	1.53	45.27
6814.00	2.76	13.67	6807.88	70.52	50.53	50.18	1.33	44.81
6839.00	2.77	14.62	6832.85	71.64	51.69	50.48	0.19	44.32
6864.00	3.02	15.46	6857.82	72.81	52.91	50.81	1.00	43.84
6889.00	2.71	17.13	6882.79	73.98	54.11	51.16	1.27	43.39
6914.00	2.88	17.27	6907.76	75.13	55.28	51.52	0.68	42.98
6939.00	2.66	17.60	6932.73	76.27	56.43	51.88	0.89	42.59
6964.00	2.93	13.78	6957.70	77.40	57.60	52.21	1.33	42.19
6989.00	2.71	12.03	6982.67	78.53	58.80	52.48	0.98	41.75
7014.00	3.36	11.50	7007.64	79.72	60.10	52.75	2.61	41.28
7039.00	3.51	9.93	7032.59	81.07	61.57	53.03	0.72	40.74
7064.00	3.73	9.62	7057.54	82.47	63.12	53.30	0.87	40.18
7089.00	3.79	8.54	7082.49	83.92	64.74	53.55	0.38	39.60



Well Name: CANADA OJITOS UNIT #46Y
Survey: Computed from MWD BMG canada ojitos unit 46y.txt's MWD BMG canada ojitos unit 46y.txt and COU#46Y1.BIN..
Survey Date: 04/06/11, 04/08/11

MD ft	Inc deg	Azim deg	TVD ft	VS ft	Northing ft	Easting ft	DLS deg/100ft	Closure Angle deg
7114.00	3.72	9.51	7107.44	85.37	66.36	53.81	0.38	39.04
7139.00	3.72	11.05	7132.38	86.82	67.96	54.10	0.40	38.52
7164.00	3.44	16.71	7157.33	88.26	69.47	54.47	1.82	38.10
7189.00	3.42	16.57	7182.29	89.66	70.90	54.90	0.08	37.75
7214.00	3.31	20.49	7207.25	91.05	72.29	55.36	1.01	37.45
7239.00	2.95	25.55	7232.21	92.38	73.55	55.90	1.82	37.23
7264.00	2.93	23.69	7257.18	93.63	74.71	56.43	0.39	37.06
7289.00	2.68	29.16	7282.15	94.83	75.81	56.97	1.46	36.93
7314.00	2.41	29.83	7307.12	95.93	76.77	57.52	1.08	36.84
7319.00	2.61	31.89	7312.12	96.14	76.96	57.63	4.31	36.83