Form 3160-4
(April 2004)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA
MAR 17 2009

FORM APPROVED
OMB NO. 1004-0137
Expires March 31, 2007

CONFIDENTIALITY REQUESTED

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

CONFIDENTIAL

5. Lease Serial No.: NM-19423

1a. Type of Well: [X] Oil Well [ ] Gas Well [ ] Dry [ ] Other
b. Type of Completion: [X] New Well [ ] Work Over [ ] Deepen [ ] Plug Back [ ] Diff. Resvr.
Other

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator: Cimarex Energy Co. of Colorado

8. Lease Name and Well No.: White City 14 Federal 6

3. Address: 5215 N. O'Connor Blvd ste. 1500 Irving Tx 75039

3a. Phone No (include area code): 972-443-6489

9. API Well No.: 30-015-36716

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

At surface: 2310 FSL & 1980 FWL

At top prod. interval reported below: 2279 FSL & 2010 FWL

At total depth: 338 FSL & 2140 FWL

10. Field and Pool, or Exploratory: Cottonwood Draw; Delaware

11. Sec., T., R., M., on Block and Survey or Area: 14-25S-26E

12. County or Parish: Eddy

13. State: NM

14. Date Spudded: 01.01.09

15. Date T.D. Reached: 01.15.09

16. Date Completed: 02.16.09 [ ] D & A [X] Ready to Prod

17. Elevations (DF, RKB, RT, GL)*: 3316' GL

18. Total Depth: MD 4,918' TVD 3049' (Pilot Hole 3400')

19. Plug Back TD: MD 4,918' TVD 3,049' (Pilot Hole 2282')

20. Depth Bridge Plug Set: MD / TVD

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

BHCGR, LLAGR, TDLD

22. Was well cored? [X] No [ ] Yes (Submit analysis)
Was DST run? [X] No [ ] Yes (Submit report)
Directional Survey [ ] No [X] 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
12¼"	8⅝" J-55	24	0'	422'		350 sx class C		0'	
7⅞"	5½" P-110	17	0'	2797'		700 sx POZ/C		0'	
7⅞"	2⅞"	fiberglass	2797'	3380'					
4¾"	2⅞" L-80	6.5	2,680'	4,745'		no cement			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2⅞"	2,677'	2,677'	5 1/2" X 2 7/8"					

25. Producing Intervals / 26. Perforation Record

	Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A)	Cherry Canyon	2,865'	3400'	no perfs...iso-pack strata-port			
B)							
C)							
D)							

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

Depth Interval	Amount and Type of Material
	please see attachment for 5-stage frac job details

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
02.16.09	03.01.09	24	→	282	237	72	42	btu 1.240	Pumping

Choke Size	Tbg Press Flwg. SI	Csg Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status
25/64	200 SI	0	→	282	237	72	840	Producing

28. 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
			→					

ACCEPTED FOR RECORD
MAR 14 2009
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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

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 *(Sold, used for fuel, vented, etc.)*

Flare testing gas, waiting for Hunter gas tie in.

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
				Top Salt	1,139'
				Base Salt	1,710'
				Delaware	1,912'
				Cherry Canyon	2,865'

32. Additional remarks (include plugging procedure):

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

[X] Electrical/Mechanical Logs (1 full set req'd.) [ ] Geologic Report [ ] DST Report [X] Directional Survey

[ ] Sundry Notice for plugging and cement verification [ ] Core Analysis [ ] Other: PEAK Systems Drawing, Frac Job, Deviation/well path

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)* Scott Haynes Title Regulatory Analyst

Signature Scott Haynes Date March 9, 2009

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.

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

White City 14 Federal 6

14-25S-26E

Eddy County, NM

Depth Interval	Amount and Type of Material Used
Stage 1 4548'-4918'	Pump 1974 gal Abromax 1015 x-linked pad. Start sand. Pump 2562 gal Abromax 1015 carrying 5000# 16/30 brown sand ramped from 1 ppg to 3 ppg. Flush with 1680 gal linear fluid. Dropped 1-1/2" ball.
Stage 2 4188'-4548'	Ball seated and port opened at 2030 psi. Shut down. ISIP - 899 psi. Pump 1512 gal Abromax 1015 x-linked pad. Start sand. Pump 2730 gal Abromax 1015 carrying 5000# 16/30 brown sand ramped from 1 ppg to 3 ppg. Flush with 1554 gal linear fluid. Dropped 1-3/4" ball.
Stage 3 3858'-4188'	Ball seated and port opened at 3100 psi. Shut down. ISIP - 926 psi. Pump 1428 gal Abromax 1015 x-linked pad. Start sand. Pump 2394 gal Abromax 1015 carrying 5000# 16/30 brown sand ramped from 1 ppg to 3 ppg. Flush with 1428 gal linear linear fluid. Dropped 2" ball.
Stage 4 3493'-3858'	Ball seated and port opened at 2190 psi. Shut down ISIP - 932 psi. Pump 1470 gal Abromax 1015 x-linked pad. Start sand. Pump 3150 gal Abromax 1015 carrying 5000# 16/30 brown sand ramped from 1 ppg to 3 ppg. Flush with 1050 gal linear fluid. Dropped 2-1/4" ball.
Stage 5 3167'-3493'	Ball seated and port opened at 3500 psi. Shut down ISIP - 905 psi. Pump 1470 gal Abromax 1015 x-linked pad. Start sand. Pump 3360 gal Abromax 1015 carrying 5000# 16/30 brown sand ramped from 1 ppg to 3 ppg. Flush with 798 gal linear fluid. ISIP - 1002 psi. 5 min - 830 psi. 10 min - 780 psi. 15 min - 750 psi. Close well in. RDMO frac equipment. RU to flowback. Total load to recover is 664 bbl. Total fluid recovered this AM is 256 BW and 40 BO. FTP is stable at 15 psi on 2" choke. Note: no frac balls recovered. Will RU CTU this AM and drill out balls.

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240
DISTRICT II
1301 W. Grand Avenue, 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 Department

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

Form C-102
Revised October 12, 2005

Submit to Appropriate District Office
State Lease – 4 Copies
Fee Lease – 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
30-015-36716	96541	Cottonwood Draw; Delaware

Property Code	Property Name	Well Number
300600	WHITE CITY "14" FEDERAL	6

OGRID No.	Operator Name	Elevation
162683	CIMAREX ENERGY CO. OF COLORADO	3316'

Surface Location

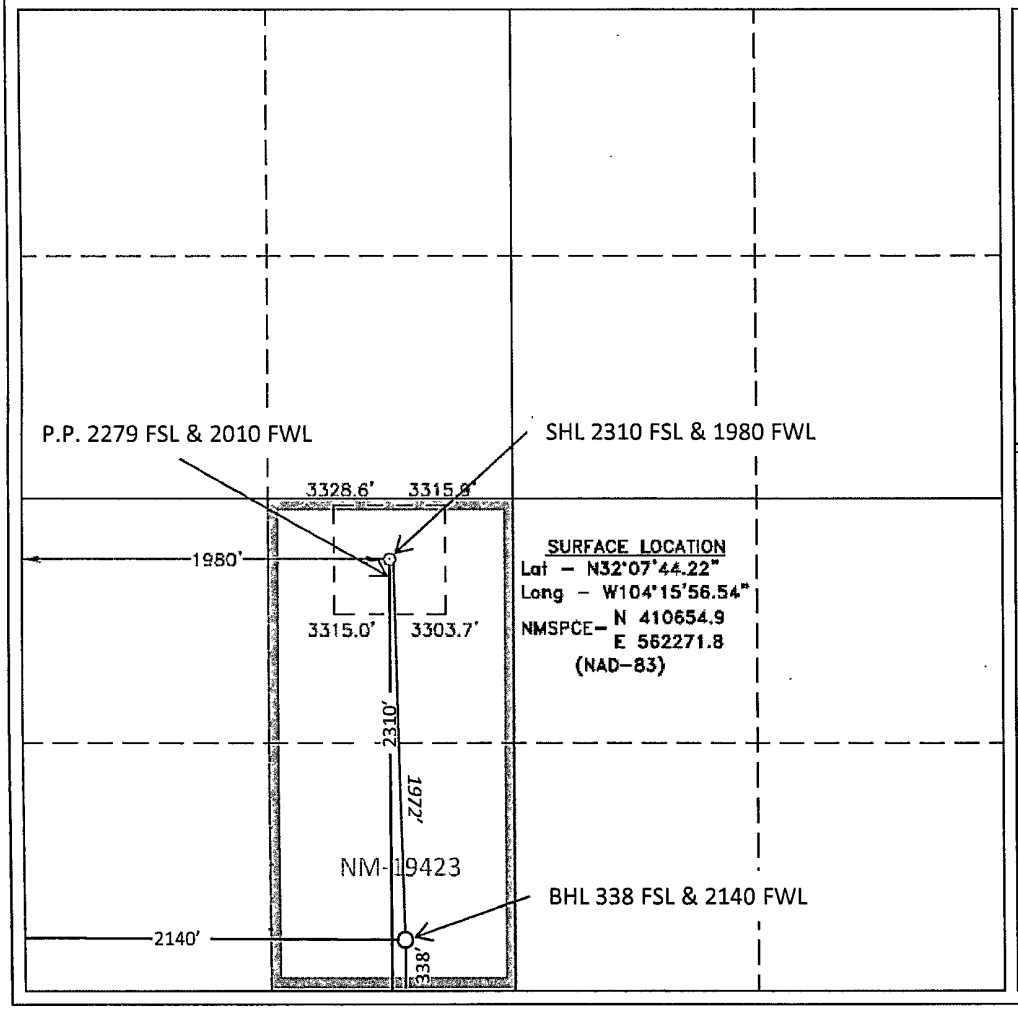
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	14	25 S	26 E		2310	SOUTH	1980	WEST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	14	25 S	26 E		338	SOUTH	2140	WEST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
80			

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



OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature 03/08/09 Date

Scott Haynes
Printed Name

SURVEYOR CERTIFICATION

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 supervison, and that the same is true and correct to the best of my belief.

JULY 19, 2008
Date Surveyed

Signature & Seal of Professional Surveyor

GARY L. JONES
NEW MEXICO
7977
REGISTERED PROFESSIONAL SURVEYOR

Certificate No. Gary L. Jones 7977

BASIN SURVEYS

STATE OF NEW MEXICO
OIL AND GAS DIVISION

INCLINATION REPORT

FIELD NAME	LEASE NAME	WELL NUMBER
White City	Federal 14	#6

OPERATOR	COUNTY
Cimarex Energy	Eddy

ADDRESS: 15 East 5th street suite 1000

LOCATION: Tulsa, Oklahoma 74103

JANA ASBERRY
My Commission Expires
JANUARY 27, 2009

RECORD OF INCLINATION

MEASURED DEPTH FEET	COURSE LENGTH HUNDREDS OF FEET	ANGLE OF INCLINATION DEGREE	DISPLACEMENT PER HUNDRED FEET	COURSE DISPLACEMENT FEET	ACCUMULATIVE DISPLACEMENT
363	363	1°			
712	349	1°			
1004	292	1°			
1311	307	1°			
1596	285	2°			
1786	190	1°			
2072	286	1°			
2419	347	1°			
2736	317	1°			
3022	286	1°			
3364	342	1°			

	NAME OF COMPANY
Gregg Munger	KEY ENERGY DRILLING, INC.
	TELEPHONE NUMBER 432-580-3063

Job Number: 01086-433-21

Company: CIMRAX
Lease/Well: WHITE CITY #6
Location: WHITE CITY
Rig Name: KEY#298
RKB:
G.L. or M.S.L.:

State/Country: NM

Declination:
Grid:
File name: C:\WINSERVE\WR32-25.SVY
Date/Time: 14-Jan-09 / 17:12
Curve Name:

Quantum Drilling Motors

WINSERVE SURVEY CALCULATIONS
Minimum Curvature Method
Vertical Section Plane 179.29
Vertical Section Referenced to offset from Wellhead: EW =.00 Ft , NS=.00 Ft
Rectangular Coordinates Referenced to Wellhead

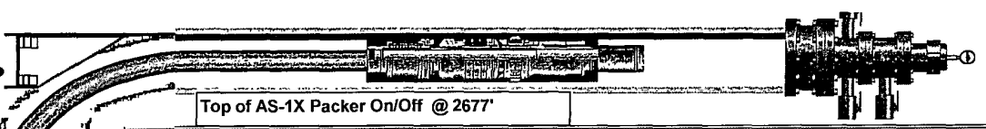
Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE Distance FT	CLOSURE Direction Deg	Dogleg Severity Deg/100
2755.00	.56	122.87	2754.20	-27.92	29.48	28.28	40.60	133.44	.00
2859.00	2.50	185.60	2858.16	-30.45	29.69	30.82	42.53	135.73	2.21
2869.00	5.40	179.70	2868.14	-31.14	29.67	31.51	43.01	136.39	29.25
2879.00	8.00	175.80	2878.07	-32.31	29.72	32.67	43.90	137.39	26.38
2891.00	11.00	173.30	2889.90	-34.28	29.91	34.64	45.49	138.89	25.23
2901.00	14.00	176.80	2899.66	-36.43	30.09	36.80	47.25	140.44	30.93
2911.00	16.40	180.60	2909.31	-39.05	30.15	39.42	49.33	142.33	25.97
2922.00	18.80	180.00	2919.80	-42.38	30.13	42.75	52.00	144.59	21.88
2932.00	21.80	179.80	2929.18	-45.85	30.14	46.22	54.86	146.68	30.01
2942.00	24.40	179.60	2938.37	-49.77	30.16	50.14	58.19	148.79	26.01
2954.00	28.10	179.70	2949.13	-55.08	30.19	55.45	62.81	151.27	30.84
2964.00	31.10	179.80	2957.83	-60.01	30.21	60.38	67.19	153.28	30.00

2974.00	33.80	180.80	2966.27	-65.38	30.18	65.75	72.01	155.22	27.53
2986.00	36.80	181.60	2976.06	-72.31	30.03	72.68	78.30	157.44	25.29
2996.00	39.60	181.80	2983.92	-78.49	29.85	78.86	83.98	159.18	28.03
3006.00	42.20	181.60	2991.47	-85.04	29.66	85.40	90.06	160.77	26.03
3018.00	45.20	182.10	3000.15	-93.32	29.39	93.68	97.84	162.52	25.17
3029.00	48.00	183.10	3007.71	-101.30	29.02	101.66	105.38	164.01	26.30
3039.00	50.70	183.30	3014.22	-108.88	28.60	109.22	112.57	165.28	27.04
3049.00	53.70	182.00	3020.35	-116.77	28.24	117.11	120.14	166.41	31.71
3059.00	57.60	181.40	3025.99	-125.02	27.99	125.36	128.12	167.38	39.31
3069.00	61.50	182.00	3031.06	-133.64	27.74	133.97	136.48	168.27	39.34
3081.00	65.80	182.30	3036.38	-144.38	27.33	144.71	146.94	169.28	35.90
3091.00	69.80	182.50	3040.16	-153.63	26.94	153.95	155.97	170.05	40.04
3101.00	73.60	182.60	3043.30	-163.11	26.52	163.43	165.25	170.76	38.01

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE Distance FT	CLOSURE Direction Deg	Dogleg Severity Deg/100
3109.00	76.70	182.30	3045.35	-170.84	26.19	171.15	172.83	171.28	38.92
3141.00	87.60	181.90	3049.71	-202.47	25.03	202.76	204.01	172.95	34.08
3173.00	89.10	181.20	3050.63	-234.44	24.17	234.72	235.68	174.11	5.17
3205.00	91.00	180.70	3050.61	-266.44	23.64	266.71	267.48	174.93	6.14
3236.00	91.50	180.40	3049.93	-297.43	23.34	297.69	298.34	175.51	1.88
3267.00	91.70	180.30	3049.06	-328.41	23.15	328.68	329.23	175.97	.72
3299.00	92.10	180.60	3048.00	-360.40	22.90	360.65	361.12	176.36	1.56
3330.00	92.60	181.00	3046.73	-391.37	22.47	391.61	392.01	176.71	2.06
3362.00	92.40	180.20	3045.34	-423.33	22.13	423.58	423.91	177.01	2.57
3392.00	92.40	179.40	3044.08	-453.31	22.24	453.55	453.85	177.19	2.66

3424.00	91.90	178.80	3042.88	-485.28	22.74	485.52	485.81	177.32	2.44
3455.00	91.20	178.00	3042.04	-516.26	23.60	516.51	516.80	177.38	3.43
3486.00	91.60	178.30	3041.28	-547.23	24.61	547.49	547.78	177.43	1.61
3585.00	88.80	177.50	3040.94	-646.15	28.23	646.45	646.77	177.50	2.94
3645.00	87.50	176.80	3042.88	-706.05	31.21	706.38	706.74	177.47	2.46
3739.00	89.10	175.90	3045.66	-799.81	37.20	800.21	800.67	177.34	1.95
3771.00	88.90	175.30	3046.22	-831.71	39.65	832.14	832.66	177.27	1.98
3866.00	88.00	173.60	3048.79	-926.23	48.83	926.76	927.51	176.98	2.02
3961.00	90.00	173.50	3050.45	-1020.61	59.50	1021.26	1022.34	176.66	2.11
4056.00	91.40	172.50	3049.29	-1114.89	71.08	1115.68	1117.15	176.35	1.81
4151.00	90.30	173.20	3047.88	-1209.14	82.90	1210.07	1211.97	176.08	1.37
4245.00	90.30	174.30	3047.39	-1302.57	93.14	1303.63	1305.90	175.91	1.17
4339.00	90.40	173.90	3046.81	-1396.07	102.80	1397.24	1399.85	175.79	.44
4435.00	90.20	174.20	3046.31	-1491.56	112.75	1492.84	1495.81	175.68	.38
4529.00	90.30	174.70	3045.90	-1585.11	121.84	1586.50	1589.79	175.60	.54
4624.00	90.00	174.00	3045.65	-1679.65	131.19	1681.15	1684.77	175.53	.80
4718.00	89.40	174.10	3046.14	-1773.14	140.94	1774.75	1778.74	175.46	.65
4813.00	91.10	173.60	3045.73	-1867.59	151.11	1869.32	1873.70	175.37	1.87
4872.00	92.00	173.50	3044.13	-1926.20	157.74	1928.00	1932.64	175.32	1.53

Peak Completion Technologies



Top of AS-1X Packer On/Off @ 2677'

End of 5-1/2" csg @ 2797' ET

Iso Pak Open Hole Packer #5 @ 3167'

Strata Port #4 w/ 2.06" ID @ 3330' ' Shear press: 2121 psig

Iso Pak Open Hole Packer #4 @ 3493'

Strata Port #3 w/ 1.81" ID @ 3659' ' Shear press: 2121 psig

Iso Pak Open Hole Packer #3 @ 3858'

Strata Port #2 w/ 1.56" ID @ 4023' ' Shear press: 2121 psig

Iso Pak Open Hole Packer #2 @ 4188'

Strata Port #1 w/ 1.31" ID @ 4384' Shear press: 2121 psig

Iso Pak Open Hole Packer #1 @ 4548'

Peak Hydro Pak Anchor @ 4680'

Pump Out Plug @ 4745' Shear Press: 3380 psig

Total measured depth @ 4918'

DOWNHOLE WELL PROFILE

WELL NAME	White City 14 Federal #6	DATE	1/15/09
SUPERVISOR	Mr. Randy Payne	TOOL HAND	R.Cherry Jr.
PHONE #	432-208-3080	PHONE #	432-425-0888
RIG #	Key 298	FIELD TICKET #	0

ELEVATIONS

	GL ELEV	KB ELEV		RIG KBD	PBTD
	3316'	3332'		16' AGL	4918'
CASING / OPEN HOLE LAYOUT		OD (IN)	LANDED DEPTH	WEIGHT (LB/FT)	TOP OF (FTKB)
CASING DESCRIPTION		5 1/2	2797.00	17	0
WINDOW DESCRIPTION			TOC:2858' to EOC:3173'		
OPEN HOLE DESCRIPTION		4.75	4918' TD	JUNCTION @	2797.00

DESCRIPTION

Curve begins @ 2858', end @ 3173'

STEERING DIRECTIONS

DOWNHOLE DESCRIPTION FROM BOTTOM UP (Tubing String)

BOTTOM @	DESCRIPTION	LENGTH	ID	OD
4745.22	2 7/8"eue Peak Pump Out Plug	2.54	0.750	3.675
4744.44	2 Jts 2 7/8" eue 6.5# L-80 1-2	65.43	2.441	2.875
4680.58	4-5/8" x 2-7/8" Peak Centralizer	1.10	2.375	4.625
4680.00	5.50" x 2-7/8" Peak Hydro Pak Anchor	32 68	2.375	4.500
4676.13	4 Jts 2 7/8" eue 6.5# L-80 3-6	3 37	2.441	2.875
4549.00	4-5/8" x 2-7/8" Peak Centralizer	65.30	2.375	4.625
4548.42	**5.50" x 2-7/8" Peak Iso Pak Open Hole Packer #1**	0.43	2.375	4.500
4543.89	5 Jts 2 7/8" eue 6.5# L-80 7-11	1.29	2.441	2.875
4383.53	Strata Port #1 w/ 1 31" ID	5.29	1 313	4.000
4381.34	6 Jts 2 7/8" eue 6.5# L-80 12-17	84.89	2.441	2.875
4188.76	4-5/8" x 2-7/8" Peak Centralizer	1.38	2.375	4.625
4188.18	**5.50" x 2-7/8" Peak Iso Pak Open Hole Packer #2**	4.60	2.375	4.500
4183.65	5 Jts 2 7/8" eue 6.5# L-80 18-22	126 36	2.441	2.875
4022.91	Strata Port #2 w/ 1 563" ID	3.02	1.563	4.000
4019.89	5 Jts 2 7/8" eue 6 5# L-80 23-27	169.37	2.441	2.875
3858.31	4-5/8" x 2-7/8" Peak Centralizer	1.38	2.375	4.625
3857.73	**5.50" x 2-7/8" Peak Iso Pak Open Hole Packer #3**	4 60	2.375	4.500
3853.20	6 Jts 2 7/8" eue 6.5# L-80 28-33	337.81	2.441	2.875
3658.83	Strata Port #3 w/ 1 813" ID	3.02	1.813	4.000
3655.81	5 Jts 2 7/8" eue 6.5# L-80 34-38	380.51	2.441	2.875
3494.01	4-5/8" x 2-7/8" Peak Centralizer	1.38	2.375	4.625
3493.43	**5.50" x 2-7/8" Peak Iso Pak Open Hole Packer #4**	4.60	2.375	4.500
3488.90	5 Jts 2 7/8" eue 6.5# L-80 39-43	253.95	2.441	2.875
3330.27	Strata Port #4 w/ 2 063" ID	3.02	2.063	4.000
3327.25	5 Jts 2 7/8" eue 6.5# L-80 44-48	252.50	2.441	2.875
3167.74	4-5/8" x 2-7/8" Peak Centralizer	1.38	2.375	4.625
3167.16	**5.50" x 2-7/8" Peak Iso Pak Open Hole Packer #5**	4.60	2.375	4.500
3162.63	XO 2 7/8" eue L-80 pin X 2 7/8" Ultra-FX box	295.74	2.441	3.150
3161.56	15 Jts 2 7/8" Ultra-FJ 6.4# L-80 1-15	3.02	2.060	5.375
2690.94	XO 2 7/8" Ultra-FX pin X 2 7/8" eue L-80 box	252.99	2.441	3.680
2690.12	2-7/8" eue Downhole Tbg Swivel	1.38	2 441	3.680
2689.13	Peak AS-1X Packer 5-1/2" 14-20# x 2-7/8" eue	4 60	2 380	4.625
2680.93	2-7/8" eue pin x 2-7/8" eue pin	295.68	2.441	3.120
2680.45	2-7/8" x 5-1/2" On/Off tool (Inverted)	3 02	2.441	4.480
2677.05	XO 2-7/8" eue pin X 2-7/8" AOH box	295.95	2.441	3.880
2675.74	85 jt's 2-7/8" AOH 10.4# Drill Pipe	1.38	2.151	2.875
-11.38	Stick up	4.60	0.000	0.000

WEIGHT OF STRING	34.7K	TOTAL STRING LENGTH	4756.60
PUSH / PULL TEST	25K	STICK UP OFF RIG FLOOR	-11.38
LINER STRING WEIGHT	11K	TUBING BOTTOM	4745.22

***** CONFIDENTIAL *****
NOT TO BE DISCLOSED OUTSIDE
**** Cimarex Energy ****