

RECEIVED

New UNITED STATES Conservation Division, District I
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
1600 S. French Drive
Hobbs, NM 88240FORM APPROVED
OMB No. 1004-0135
Expires July 31, 1996

OCT 07 2008

HOBBBS, NM

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

2. Name of Operator

Cimarex Energy Co. of Colorado

3a. Address

PO Box 140907; Irving, TX 75014-0907

3b. Phone No. (include area code)

972-401-3111

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

17-15S-31E

SHL 1980' FNL & 330' FWL, BHL 1980' FNL & 330' FEL

Unit E

5. Lease Serial No.

LC-064900

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

Midway 17 Federal No. 1

9. API Well No.

30-005-29034

10. Field and Pool, or Exploratory Area

Abo Wildcat

11. County or Parish, State

Chaves County, NM

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

TYPE OF SUBMISSION

TYPE OF ACTION

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

13. Describe Proposed or Completed Operation (clearly state all pertinent details, included 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 recompleat 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.)

06.16.08 Spudded 17½" hole. Ran 13¾" 48# H-40 STC casing to 362.' Cemented with 375 sx Class C + 2% S-1 (wt 14.8, yld 1.34). Circulated 101 sx to surface. Pressure tested casing to 1000 psi for 30 minutes and WOC 19.5 hours.

06.25.08 In 12¼" hole, ran 9¾" 40# J-55 LTC to 3950.' Cemented with Lead 860 sx 50/50 POZ C + 5% D-44 (BWOW) + 10% D-20 + 5# D-24 + 0.125# D-130 + 0.2% D-46 (wt 11.9, yld 2.47) and Tail 200 sx Class C + 0.1% D-13 (wt 14.8, yld 1.34). Circulated 234 sx to surface, pressure tested casing to 1000 psi for 30 minutes, and WOC 27.5 hours.

07.09.08 Reached TD of 8¾" hole (9500').

07.12.08 Ran 7" 26# P-110 LTC to 9500.' Cemented with Lead 420 sx 50/50 POZ H + 5% D-44 (BWOW) + 10% D-20 + 0.125# D-130 + 0.2% D-46 + 0.2% D-167 + 0.2% D-165 + 0.25% D-13 (wt 11.9, yld 2.47) and Tail 491 sx TXI Lightweight + 1% D-44 BWOW + 0.1% D-65 + 0.3% D-167 + 0.3% D-13 (wt 13, yld 1.4). Ran TS and found TOC @ 800.' Pressure tested casing to 1000 psi for 30 minutes.

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Natalie Krueger

Signature

Title

Regulatory Analyst

Date

September 18, 2008

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

ACCEPTED FOR RECORD

/S/ DAVID P. GLASS

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.

Title

PETROLEUM ENGINEER

Office

Date

OCT 10 2008

Title 18 U.S.C. Section 1001 makes 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 reverse)

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New Mexico Oil Conservation Division, District I
1625 N. French Drive
SUNDRY NOTICES AND REPORTS ON WELLS
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UNITED STATES
DEPARTMENT OF THE INTERIORS, NM 88240
BUREAU OF LAND MANAGEMENT

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OMB No. 1004-0135
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☐ Deepen

☐ Fracture Treat

☐ New Construction

☐ Plug and Abandon

☐ Plug Back

☐ Production (Start/Resume)

☐ Reclamation

☐ Recomplete

☐ Temporarily Abandon

☐ Water Disposal

☐ Water Shut-Off

☐ Well Integrity

☒ Other drilled lateral
and installed liner

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07.13.08 Inside 7" casing, set CIBP @ 8374.'

07.14.08 Set whipstock @ 86.73° azimuth. Cut window - TOW 8347' and BOW 8359.'

07.15.08 Began slide drilling.

08.05.08 TD lateral hole @ 12648' MD, 8756' TVD.

08.08.08 * Ran 4½" 11.6# P-110 BTC liner from RSB packer @ 8422' to 9146' and LTC from 9146' to 12330.' Liner is PEAK systems liner which requires no cement.

08.11.08 Released rig.

* Please see attached liner drawing.

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

Natalie Krueger

Signature

Title

Regulatory Analyst

Date

September 18, 2008

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(Instructions on reverse)

Peak Completion Technologies

7" Shoe @ 8,347

21 Jts 4 1/2" 11 6# P-110 BTC Casing

Starda Port w/3.25" Ball Seat

2 Jts 4 1/2" 11 6# P-110 LTC Casing

Hydro-Pak OH Anchor

2 Jts 4 1/2" 11 6# P-110 LTC Casing

Iso-Pak Isolation Packer

11 Jts 4 1/2" 11 6# P-110 LTC Casing

Strada Port w/3.00" Ball Seat

5 Jts 4 1/2" 11 6# P-110 LTC Casing

Iso-Pak Isolation Packer

6 Jts 4 1/2" 11.6# P-110 LTC Casing

Strada Port w/2.75" Ball Seat

10 Jts 4 1/2" 11 6# P-110 LTC Casing

Iso-Pak Isolation Packer

8 Jts 4 1/2" 11 6# P-110 LTC Casing

Strada Port w/2.50" Ball Seat

5 Jts 4 1/2" 11 6# P-110 LTC Casing

Iso-Pak Isolation Packer

12 Jts 4 1/2" 11 6# P-110 LTC Casing

Strada Port w/2.25" Ball Seat

7 Jts 4 1/2" 11.6# P-110 LTC Casing

Iso-Pak Isolation Packer

3 Joint 4 1/2" 11 6# P-110 LTC Casing

Hydro-Pak OH Anchor

2 Joint 4 1/2" 11.6# P-110 LTC Casing

Pump Out Plug
12,330'

DOWNHOLE WELL PROFILE

WELL NAME			Midway 17 Fed 1H			DATE		8/10/08		
SUPERVISOR			Jackie Brimer			TOOL HAND		R.BLANTON		
PHONE #			575-390-4697			PHONE #		432-425-9679		
RIG #			Patriot #4			FIELD TICKET #		10476		
ELEVATIONS										
KB		GL ELEV		KB TO THF		KB TO SCF		RIG KBD		
23								TD		
								12648.00		
CASING / OPEN HOLE LAYOUT			OD (IN)		Total Depth		WEIGHT (LB/FT)		TOP OF (FTKB)	
CASING DESCRIPTION			7		8347.00		26			
WINDOW DESCRIPTION										
OPEN HOLE DESCRIPTION			6 1/8		12648.00		Window @		8347.00	
DESCRIPTION										
Reach Setting Depth with No Major Problems										
See Job Log for Setting Procedures										
STEERING DIRECTIONS										
DOWNHOLE DESCRIPTION FROM BOTTOM										
BOTTOM @		DESCRIPTION					LENGTH		ID	
12648.00		TD					0.00			
12648.00		End of String (Off Bottom)					318.00			
12330.00		Peak 3 1/2" Open Hole Pump Out Plug w/External Float Check Valve & 3 1/2 Eue 8rd Intergal Box Connection (1.00" Seat)					0.95		Float/75 4.500	
12329.05		4 1/2" LTC X 3 1/2" 8rd Crossover					0.96		3.000 4.500	
12328.09		2 Joint 4 1/2" 11.60# P-110 LTC Casing (1-2)					84.49		4.000 4.500	
12243.60		2' x 4 1/2" 11.6# P-110 LTC Pup Joint					2.09		4.000 4.500	
12241.51		7 x 4 1/2 Peak Rotational Open Hole Centralizer (LTC)					0.58		4.000 5.875	
12240.93		7 x 4 1/2 Peak Extreme Service Hydraulic Set Open Hole Anchor pull shear release (LTC)					4.36		4.000 5.875	
12236.57		6' x 4 1/2" 11.6# P-110 LTC Pup Joint					6.05		4.000 4.500	
12230.52		3 Joints 4 1/2" 11.6# P-110 LTC Casing (3-5)					126.66		4.000 4.500	
12103.86		2' x 4 1/2" 11.6# P-110 LTC Pup Joint					2.09		4.000 4.500	
12101.77		7 x 4 1/2 Peak Rotational Open Hole Centralizer (LTC)					0.58		4.000 5.875	
12101.19		7 x 4 1/2 Peak Extreme Service Open Hole Hydraulic Set Isolation Packer (full hole) 10K w/HTHP elements pull shear release (LTC) #1					5.52		4.000 5.688	
12095.67		6' x 4 1/2" 11.6# P-110 LTC Pup Joint					6.05		4.000 4.500	
12089.62		7 Joints 4 1/2" 11.6# P-110 LTC Casing (6-12)					293.67		4.000 4.500	
11795.95		7 x 4 1/2 Peak Strada PortSelective Sand Frac Sleeves w/2.25 Seat, Ball activated (LTC) #1					2.92		2.313 5.875	
11793.03		12 Joints 4 1/2" 11.6# P-110 LTC Casing (13-24)					505.82		4.000 4.500	
11287.21		2' x 4 1/2" 11.6# P-110 LTC Pup Joint					2.09		4.000 4.500	
11285.12		7 x 4 1/2 Peak Rotational Open Hole Centralizer (LTC)					0.58		4.000 5.875	
11284.54		7 x 4 1/2 Peak Extreme Service Open Hole Hydraulic Set Isolation Packer (full hole) 10K w/HTHP elements pull shear release (LTC) #2					5.52		4.000 5.688	
11279.02		6' x 4 1/2" 11.6# P-110 LTC Pup Joint					6.05		4.000 4.500	
11272.97		5 Joints 4 1/2" 11.6# P-110 LTC Casing (25-29)					210.38		4.000 4.500	
11062.59		7 x 4 1/2 Peak Strada PortSelective Sand Frac Sleeves w/2.50 Seat, Ball activated (LTC) #2					2.92		2.563 5.875	
11059.67		8 Joints 4 1/2" 11.6# P-110 LTC Casing (30-37)					336.89		4.000 4.500	
10722.78		2' x 4 1/2" 11.6# P-110 LTC Pup Joint					2.09		4.000 4.500	
10720.69		7 x 4 1/2 Peak Rotational Open Hole Centralizer (LTC)					0.58		4.000 5.875	
10720.11		7 x 4 1/2 Peak Extreme Service Open Hole Hydraulic Set Isolation Packer (full hole) 10K w/HTHP elements pull shear release (LTC) #3					5.52		4.000 5.688	
10714.59		6' x 4 1/2" 11.6# P-110 LTC Pup Joint					6.05		4.000 4.500	
10708.54		10 Joints 4 1/2" 11.6# P-110 LTC Casing (38-47)					421.99		4.000 4.500	
10286.55		7 x 4 1/2 Peak Strada PortSelective Sand Frac Sleeves w/2.75 Seat, Ball activated (LTC) #3					2.92		2.813 5.875	
10283.63		6 Joints 4 1/2" 11.6# P-110 LTC Casing (48-53)					252.47		4.000 4.500	
10031.16		7 x 4 1/2 Peak Rotational Open Hole Centralizer (LTC)					0.58		4.000 5.875	
10030.58		7 x 4 1/2 Peak Extreme Service Open Hole Hydraulic Set Isolation Packer (full hole) 10K w/HTHP elements pull shear release (LTC) #4					5.52		4.000 5.688	
10025.06		6' x 4 1/2" 11.6# P-110 LTC Pup Joint					6.05		4.000 4.500	
10019.01		5 Joints 4 1/2" 11.6# P-110 LTC Casing (54-58)					209.12		4.000 4.500	
9809.89		7 x 4 1/2 Peak Strada PortSelective Sand Frac Sleeves w/3.00 Seat, Ball activated (LTC) #4					2.92		3.063 5.875	
9806.97		11 Joints 4 1/2" 11.6# P-110 LTC Casing (59-69)					462.40		4.000 4.500	
9344.57		2' x 4 1/2" 11.6# P-110 LTC Pup Joint					2.09		4.000 4.500	
9342.48		7 x 4 1/2 Peak Rotational Open Hole Centralizer (LTC)					0.58		4.000 5.875	
9341.90		7 x 4 1/2 Peak Extreme Service Open Hole Hydraulic Set Isolation Packer (full hole) 10K w/HTHP elements pull shear release (LTC) #5					5.52		4.000 5.688	
9336.38		6' x 4 1/2" 11.6# P-110 LTC Pup Joint					6.05		4.000 4.500	
9330.33		2 Joints 4 1/2" 11.6# P-110 LTC Casing (70-71)					84.41		4.000 4.500	
9245.92		2' x 4 1/2" 11.6# P-110 LTC Pup Joint					2.09		4.000 4.500	
9243.83		7 x 4 1/2 Peak Rotational Open Hole Centralizer (LTC)					0.58		4.000 5.875	
9243.25		7 x 4 1/2 Peak Extreme Service Hydraulic Set Open Hole Anchor pull shear release (LTC)					4.36		4.000 5.875	
9238.89		6' x 4 1/2" 11.6# P-110 LTC Pup Joint					6.05		4.000 4.500	
9232.84		2 Joints 4 1/2" 11.6# P-110 LTC Casing (72-73)					84.35		4.000 4.500	
9148.49		7 x 4 1/2 Peak Strada PortSelective Sand Frac Sleeves w/3.25 Seat, Ball activated (LTC) #5					2.92		3.313 5.875	
9145.57		4 1/2" 11.6# P-110 BTC Box x LTC Pin Crossover					1.17		4.000 4.500	
9144.40		21 Joints 4 1/2" 11.6# P-110 BTC Casing (1-21)					892.01		4.000 4.500	
8252.39		4 1/2" 11.6# P-110 LTC Box x BTC Pin Crossover					1.05		4.000 4.500	
8251.34		4 1/2" 11.6# P-110 LTC Double Pin Crossover					1.52		4.000 4.500	
8249.82		7 x 4" Peak Retrievable Seal Bore Packer 26# w/4" Seal Bore (BTC)					5.48		4.000 5.875	
8244.34		7 x 4" Peak Extreme Service Hydraulic Dual Stage Setting Tool w/4" Dual Seal Stack Seal Assembly (3 1/2" IF Top Sub)					5.05		1.750 5.875	
8239.29		10' x 3 1/2" Drill Pipe Pup Joint					9.80		2.760 3.500	
8229.49		259 Joints 3 1/2" 13.3# S-135 IF Drill Pipe (86 Stands)					8233.60		2.760 3.500	
-4.11		Stick Up					0.00			
WEIGHT OF DP STRING		130K		TOTAL STRING LENGTH		12334.11				
PUSH / PULL TEST		30K		STICK-UP OFF RIG FLOOR		-4.11				
LINER STRING WEIGHT		50K		OFF BOTTOM		318.00				

*** CONFIDENTIAL ***
NOT TO BE DISCLOSED OUTSIDE

** Cimarex Energy **

TOTAL MEASURED DEPTH
@ 12,648 FT