

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED  
OCT 10 2009  
FEB 25 2010  
HOBBS, NM

FORM APPROVED  
OMB No. 1004-0135  
Expires July 31, 1996

**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  
600 N. Marienfeld St., Ste. 600; Midland, TX 79701  
3b. Phone No. (include area code)  
432-571-7800  
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
1980 FSL & 1650 FEL  
17-19S-34E

5. Lease Serial No.  
NM-12006  
6. If Indian, Allottee or Tribe Name  
7. If Unit or CA/Agreement, Name and/or No  
Pipeline Deep Unit  
8. Well Name and No  
Pipeline Deep Unit Federal No. 1 ✓  
9. API Well No  
30-025-24470 ✓  
10. Field and Pool, or Exploratory Area  
Quail Ridge; Morrow (Gas) ✓  
11. County or Parish, State  
Lea County, NM ✓

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

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

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 )

Morrow perfs @ 13292-98' -- 13302-19' -- 13456-60.' There is a CIBP @ 13355' w/ 20' cmt.

01.07.10 Left packer above Morrow @ 13141' and pressure-tested backside to 500#. Test witnessed by Patricia Hutchings w/ BLM. Cimarex is unable to locate the original chart, but a copy is attached. Request temporary abandonment pending C-108 approval by NMOCD.

C-108 for SWD conversion currently in progress. C-108 to be filed under separate cover. Please see attached conversion procedure.

Last prod. 8/2008

TA Approved until 6/1/2010

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

Name (Printed/Typed)

Natalie Krueger

Zeno Farris

Signature

Title

Regulatory

Manager Operations Administration

Date

Zeno Farris

1-22-10

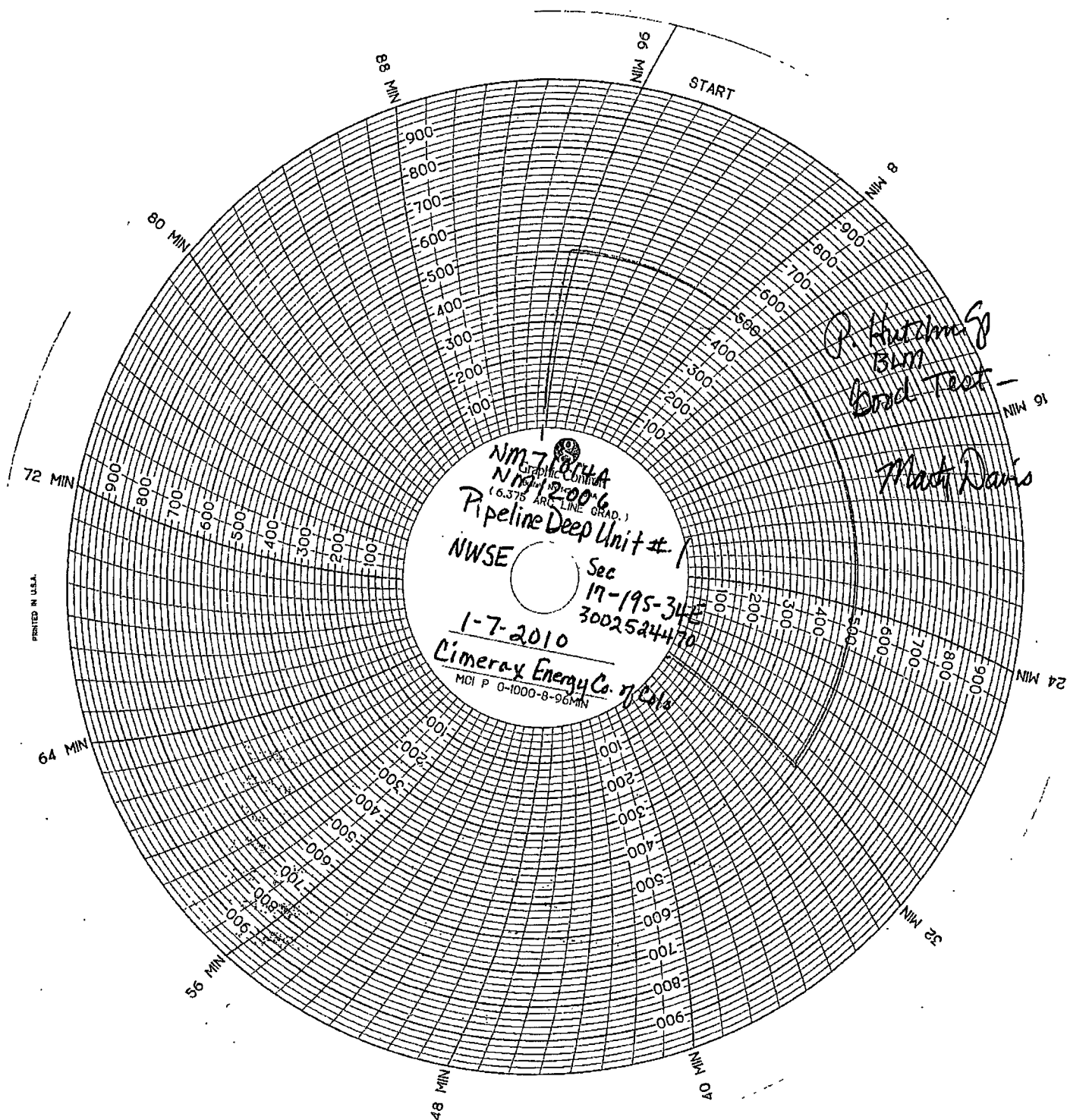
Approved by  
J.D. Whitlock  
Conditions of Approval, if any, are a  
certify that the applicant holds a permit  
which would entitle the applicant to

Title 18 U.S.C. Section 1001, make:  
fraudulent statements or representa

(Instructions on reverse)

This will be the last and only TA/SI approval. Well must be P&A or plans to convert to SWD submitted by June 1, 2010. IF well is going to be used as SWD, cement behind Production string needs to be verified by Bond log. Production string cement will have to be tied back 200 feet into the intermediate casing string or circulated to surface. No bleed off is allowed on SWD MIT.

LPET Date 2/24/10  
CFD  
the United States any false, fictitious or



KEY ENERGY

COMPANY - LEASE - WELL # Cummins Pipe Line deep #1

SIGNED Garry J. Lee

TIME	TUBING	CASING	SURF/CASING
INITIAL	<u>500/495</u>		
15-MIN.			
30-MIN.		<u>500</u>	

# PIPELINE DEEP UNIT FEDERAL #1 CONVERT TO DELAWARE SWD

API # 30-025-24470  
1980' FSL & 1650' FEL  
Section 17, T19S, R34E  
Lea County, New Mexico

GL : 3757'  
KB : 3776'  
TD DRILLER : 13551'  
PBD : 13335'  
SURF CSG : 11-3/4" OD 42#/FT H-40 @ 447' Cmtd W/400 SX.(CIRC)  
INTER CSG : 8-5/8" OD 32#/FT S80/J55 @ 5352' Cmtd W/500 SX. (CIRC)  
PROD CSG : 5-1/2" 17#/20# N80/S95 @13542' Cmtd W/875 SX (TOC @ 10080')  
PACKER : 5-1/2" x 2-7/8" FB1 RETAINER PRODUCTION PKR @ 13141  
JUNK : 10' TAIL 2-7/8" CUT OFF W/ SWAB BAR AND ~50' SWAB LINE  
TUBING: 2-7/8" L-80 (527 JOINTS). EOT @ 13148'  
MORROW PERFS : 13456'-60', 13302'-19', 13292'-98'  
CIBP : 13355' W/ 20' CMNT

## PLUG BACK TO DELAWARE

1. OPEN BRADENHEAD VALVES AND CHECK FOR FLOW OR BLOW. MIRU PULLING UNIT. PERFORM PRE-JOB SAFETY MEETING. ND WELLHEAD NU BOPS. SOFT KILL WELL IF NECESSARY.
2. RELEASE 5-1/2" PROD PKR @ 13141'. TOO H W/ 5-1/2" PROD PKR & 2-7/8" TUBING.
3. RIH W/ 5-1/2" CIBP ON 2-7/8" TUBING. SET 5-1/2" CIBP @ 13,250' W/ 35 CMNT. SPOT CMNT PLUGS ACROSS ATOKA AND WOLFCAMP ZONES. SET CMNT PLUG INSIDE 5-1/2" CSG @ ~10,100'. TOO H W/ 2-7/8" TUBING.
4. REMOVE CSG SLIPS. PICK UP ON CSG AND MEASURE TENSION. RU WL. MAKE GAUGE RING RUN TO ~10,100'. TOO H W/ GAUGE RING. PU JET CUTTER & RIH. CUT 5-1/2" CSG AT ~10,000' IF FREE.
5. RU CASING CREW AND PULL 5-1/2" CASING.
6. RIH W/ 2-7/8" TUBING AND SPOT OPEN HOLE CMNT PLUGS ACROSS THE BONE SPRING AND THE BASE OF THE DELAWARE. TOO H W/ 2-7/8" TUBING.

## DELAWARE SWD CONVERSION

7. RIH W/ 5-1/2" FORMATION PACKER SHOE AND 5-1/2" CSG. SET 5-1/2" FORMATION PACKER SHOE AT ~6010'. CMNT 5-1/2" CSG TO SURFACE.
8. RIH W/ 4-5/8" BIT AND 6 DC'S ON 2-7/8" TUBING AND DRILL OUT CEMENT IN SHOE. TOO H W/ 2-7/8" TUBING, DC'S, AND BIT.
9. RIH W/ 2-7/8" TUBING OPEN ENDED. SPOT 1500 GALS 7-1/2% ACID ACROSS OPEN HOLE INTERVAL FROM 6040' TO 6900'. SHUT WELL IN UNTIL ACID IS SPENT.
10. RU REVERSE UNIT. REVERSE SPENT ACID OUT OF HOLE. TOO H W/ 2-7/8" TUBING.
11. RIH W/ 5-1/2" INJECTION PKR ON 2-7/8" TBG. SET 5-1/2" INJECTION PACKER @ ~5900'.
12. PERFORM STEP RATE INJECTION TEST. BEGIN SWD OPERATIONS.