

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
OCD-HOBBS

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.*

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

5. Lease Serial No.

NM-056376

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

Mescalero 30 Federal No. 1

9. API Well No.

30-025-29266

10. Field and Pool, or Exploratory Area

Apache Ridge; Bone Spring

11. County or Parish, State

Lea County, NM

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)

972-401-1111

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

510' FSL & 990' FEL
P-30-19S-34E

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input checked="" type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input 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 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.)

The Mescalero 30 Federal No. 1 is currently producing from Apache Ridge; Bone Spring perfs (9376'-9604') with Morrow perfs (13186'-13526') under a CIBP @ 12840'. In order to increase Bone Spring production, Cimarex proposes the following operations:

1. POOH with tubing, packer, and rod pumps. Dump 35' cement on top of CIBP @ 12840'.
2. Set CIBP @ 9730' (to protect possible downhole potential, no cement on plug). Pump 1500 gal water white Xylene and 19 bbls lease oil into existing Bone Spring perfs (9376'-9604') and let soak overnight.
3. Acidize Bone Spring perfs with 4600 gal 15% NeFe DI HCl.
4. Install 2-7/8" tubing with TAC below bottom Bone Spring perf. Install rods and pump. Turn over to production to pump through tubing and flow up casing.

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

Name (Printed/Typed)

Natalie Krueger

Signature

Natalie Krueger

Title

Reg Analyst 1

Date

January 10, 2007

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Office

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 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.

APPROVED

Date
JAN 23 2007

Wesley W. Ingram
WESLEY W. INGRAM
PETROLEUM ENGINEER

GWW

MESCALERO 30 FEDERAL 1 BONE SPRING WORKOVER

API # 30-025-29266

510' FSL & 990' FEL

Section 30, 19S, R-34E

Lea County, New Mexico

GL : 3650'

KB : 3668'

TD DRILLER : 13670'

SURF CSG : 13-3/8" OD 48#/FT H-40 AT 411' W/ 425 SX. TOC 0' (CIRC)

INTER CSG: 8-5/8" OD 24#/FT K-55/S-80 AT 4997' W/ 2550 SX. TOC 0' (CIRC)

PROD CSG : 5-1/2" OD 17/20# N-80 @ 13668' W/ 920 SX + 340 SX

DV TOOL AT 7104' 1ST STAGE TOC 9328'(CBL), 2ND STAGE TOC 5580' (CBL)

TUBING: 2-7/8" N-80, TAC AT 9252', END OF TUBING AT 9635'

PERFS: MORROW: 13,186'-13526' (OVERALL); LOC-SET PACKER AT 13,150, TBG CUT AT 12,880', CIBP @ 12,840'

BONE SPRING: 9376-88', 9424-54' (1 SPF); 9506-08', 9528-30', 9538-42', 9546-52', 9563-72', 9592-9604' (4 SPF)

1. SPOT CLEAN FRAC TANK AND FILL WITH 500 BARRELS 7% KCL. SPOT TUBING FLOAT WITH 110 JOINTS 2-7/8" WORKSTRING. MIRU PU. POOH WITH RODS AND PUMP. IF ANY PARAFFIN PRESENT, HAVE CHEMICAL COMPANY PERFORM TESTS TO DETERMINE WHICH SOLVENT WORKS BEST TO DISSOLVE.
2. ND WELLHEAD AND NU BOPS. RELEASE TAC AND TOH WITH TUBING. PICK-UP 4-3/4" BIT AND TUBING. PICK UP EXTRA JOINTS OF TUBING AND RIH WITH BIT TO TAG CIBP AT 12,840'. SPOT 73 BARRELS 7% KCL PACKER FLUID FROM 12,840'- 9700'. TOH LAYING DOWN RENTAL TUBING JOINTS. TOH WITH TUBING AND BIT.
3. RIG UP WIRELINE. DUMP BAIL 35' CEMENT ON TOP OF PLUG AT 12,840'. RUN CIBP AND SET AT 9730'. RDMO WIRELINE. (DO NOT PUT CEMENT ON 9730' PLUG AS WELL MAY HAVE FUTURE POTENTIAL IN WOLFCAMP AT 11530' OR STRAWN AT ~12,200.)
4. TIH W/ PACKER (WITH 9 JOINTS OF TAILPIPE) ON TUBING TO PACKER DEPTH OF 9335' (TOC @ 9328'). PUMP 1500 GALLONS OF WATER WHITE XYLENE (OR CHEMICAL COMPANY PREFERRED SOLVENT) FOLLOWED BY 19 BARRELS LEASE OIL. SET PACKER. PUMP ADDITIONAL 36 BARRELS LEASE OIL TO DISPLACE XYLENE TO END OF TUBING. SHUT WELL IN OVERNIGHT TO ALLOW XYLENE TO SOAK.
5. SWAB/FLOW BACK XYLENE. KILL TUBING AND TOH WITH TUBING AND PACKER. TIH W/ SONIC HAMMER ON TUBING TO TOP PERF AT 9376'. WASH PERFORATIONS FROM 9376'- 9604' WITH 100 BARRELS 7% KCL AND SURFACTANT IN CIRCULATING MODE. CLOSE CASING. ACIDIZE TOP DOWN USING 4600 GALLONS 15% NEFE DI HCL (100 GAL/FT FROM 9604-9506' AND 50 GAL / FT FROM 9454-9376') WITH MAXIMUM CASING PRESSURE OF 2000 PSI. FLUSH WITH 56 BARRELS 7% KCL. SWAB/FLOW BACK ACID LOAD UNTIL PH > 5.5.
6. SCALE SQUEEZE DOWN TUBING WITH CASING CLOSED USING 3 DRUMS CALCIUM CARBONATE SCALE INHIBITOR MIXED IN 100 BARRELS 7% KCL WATER. FLUSH WITH 100 BARRELS 7% KCL/SURFACTANT WATER.
7. TOH WITH TUBING AND SONIC HAMMER. TIH WITH TAC ON PRODUCTION TUBING, SETTING INTAKE BELOW BOTTOM PERFORATION. INSTALL RODS AND PUMP AND RETURN WELL TO PUMPING UP TUBING AND FLOWING UP CASING.
8. SET WELL UP ON PROGRAM TO HOT OIL CASING EVERY TWO MONTHS AND TO SCALE SQUEEZE EVERY 6 MONTHS.