

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Artesia

FORM APPROVED
OMB NO 1004-0135
Expires July 31, 2010**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 <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No NMNM94842
2. Name of Operator CIMAREX ENERGY COMPANY OF CO		6. If Indian, Allottee or Tribe Name
3a. Address 600 NORTH MARIENFELD STREET SUITE 600 MIDLAND, TX 79701		7. If Unit or CA/Agreement, Name and/or No. NMNM116107
3b. Phone No. (include area code) Ph: 432-620-1936 Fx: 432-620-1940		8. Well Name and No. <i>Gaswell 18</i> Multiple - See Attached
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Multiple--See Attached		9. API Well No. <i>30-015-33496</i> Multiple - See Attached
		10. Field and Pool, or Exploratory COTTONWOOD DRAW
		11. County or Parish, and State EDDY COUNTY, NM

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 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 checked="" 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, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate 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 recompletion 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).

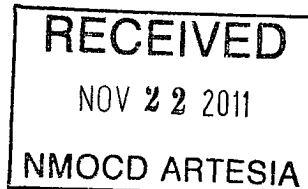
Cimarex proposes to recomplate this well to Cisco Canyon & Wolfcamp as shown below and on the attached procedure, WBDs, and C-102s.

Current Perfs: ATOKA 10,902-912; MORROW (BELOW PLUGS) ? 11,585-11,740 OVERALL

NOTES: WIRELINE WORK CORRELATED TO HALLIBURTON RCBL DATED 07/28/05.

1) SUBMIT SUNDRY TO RECOMLETE TO CISCO CANYON.

2) BLEED PRESSURE OFF TUBING AND CASING. MIRU PU. CHECK TUBING AND CASING FOR PRESSURE. KILL TUBING AND CASING WITH 1% KCL IF NECESSARY. ND WELLHEAD AND NU BOP. TOH AND STAND BACK TUBING.



14. I hereby certify that the foregoing is true and correct	
Electronic Submission #114510 verified by the BLM Well Information System For CIMAREX ENERGY COMPANY OF CO, sent to the Carlsbad Committed to AFMSS for processing by KURT SIMMONS on 08/05/2011 (11KMS2252SE)	
Name (Printed/Typed) NATALIE E KRUEGER	Title REGULATORY
Signature (Electronic Submission)	Date 08/04/2011

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By JAMES A AMOS	Title SUPERVISOR EPS	Date 11/20/2011
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.		Office Carlsbad

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

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

Accepted for record

NMOCD

DEC 02 2011

Additional data for EC transaction #114510 that would not fit on the form

Wells/Facilities, continued

Agreement	Lease	Well/Fac Name, Number	API Number	Location
NMNM116107	NMNM94842	GADWALL 18 FEDERAL COM 1	30-015-33496-00-C3	Sec 13 T25S R27E NENW 850FNL 1490FWL
NMNM116107	NMNM94842	GADWALL 18 FEDERAL COM 1	30-015-33496-00-C4	Sec 18 T25S R27E NENW 850FNL 1490FWL

32. Additional remarks, continued

3) MIRU WIRELINE. RIH WITH GR/JB TO 10,900. RIH AND SET CIBP AT +/- 10,850. DUMP BAIL 35 CEMENT ON TOP OF PLUG. LOAD HOLE WITH 1% KCL. RIG UP CASING SAVER. TEST CASING TO 8000#. RD CASING SAVER. PERFORATE CISCO CANYON 2 SPF, 180 DEGREE PHASING AS FOLLOWS:

10152-10169 2 spf, 34 holes
10180-10190 2 spf, 10 holes
10196-10207 2 spf, 11 holes
10215-10224 2 spf, 18 holes
10229-10234 2 spf, 10 holes
10257-10267 2 spf, 10 holes
10274-10286 2 spf, 24 holes
10293-10304 2 spf, 22 holes
10320-10330 2 spf, 20 holes

MONITOR FLUID LEVEL IN AND OUT OF HOLE AND RECORD ANY CHANGES. RDMO WIRELINE.

4) RIH W/ PACKER AND RBP. BREAKDOWN PERFORATIONS WITH 1% KCL WATER USING TABLE ABOVE TO DETERMINE WATER PER SETTING. ATTEMPT TO BREAKDOWN EACH SET INDIVIDUALLY EXCEPT FOR PERFS 10215-10234 WHICH CAN BE COMBINED. IF COMMUNICATION EXISTS UPWARD, COMBINE ZONES AS NECESSARY. MONITOR FALLOFF ON EACH SET FOR 15 MINUTES (1 SECOND DATA INCREMENTS). TOH W/ TUBING, PACKER AND PLUG. STAND BACK TUBING.

5) SPOT 22 FRAC TANKS AND FILL W/ 480 BBLs EACH 1% KCL. RIG UP CASING SAVER AND TWO VALVE FLOWBACK MANIFOLD (ONE LINE TO FLOWBACK TANK AND ONE LINE TO SALES LINE). FRACTURE STIMULATE PER SCHLUMBERGER RECOMMENDATION.

6) BEGIN FLOWBACK AS SOON AS POSSIBLE AFTER FRAC AND TRY TO MAINTAIN 80-120 BPH RATE AS LONG AS THE WELL WILL FLOW AT THAT RATE. STRIVE TO KEEP WELL FLOWING AS MUCH AS POSSIBLE DO EVERYTHING POSSIBLE TO AVOID SHUTTING WELL IN. IF WELL WILL NOT FLOW DOWN SALES LINE, FLOW TO TANK. AFE INCLUDES MONEY FOR NIGHT WATCHMAN TO MONITOR FLOW. (WILL POSSIBLY RIG UP WEATHERFORD FRAC FLUID RECOVERY UNIT IF UNIT AVAILABLE. WILL REQUIRE PACKER FOR JET PUMP INSTALLATION.)

7) ND FRAC VALVE. NU BOPS. RIH W/ 2.375 inch NOTCHED COLLAR, 1 JOINT 2.375 inch TUBING AND 1.875 XNNIPPLE AND 2.375 inch TUBING. TAG FOR SAND FILL AND CLEANOUT IF NECESSARY. LAND TUBING ABOVE PERFS AT +/- 10,140. ND BOPS AND NU TUBING. (IF WELL PERFORMANCE BETTER THAN EXPECTED, MAY RUN WIRELINE GAUGE RING TO TAG FILL AND LUBRICATE PACKER IN.) RDMO PULLING UNIT. RU SWAB UNIT AND SWAB WELL IN AND BEGIN FLOWING.

8) AT A LATER DATE, RIG UP AND LOWER TUBING TO BETWEEN 10230 AND 10260.

C-107A is in progress at NMOCD.