

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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
 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)
 N-30-19S-34E
 1200' FSL & 1980' FWL

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. 2

9. API Well No.
 30-025-36040

10. Field and Pool, or Exploratory Area
 Quail Ridge; Morrow (Gas) *Gem; Strawn*

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 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 to Strawn	<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 recomplete 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.)

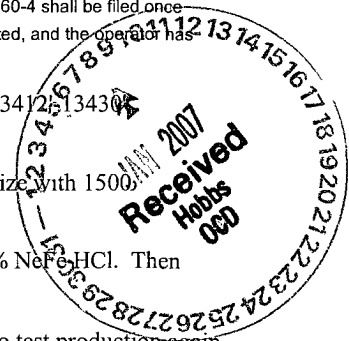
The Mescalero 30 Federal No. 2 is currently producing 2-4 mcfpd from Quail Ridge; Morrow (Gas) perms from 13412' to 13430'. Cimarex proposes to re-enter, set CIBP @ 13190' w/ 35' cmt, and perf as follows:

Perf Lower Strawn 12264'-12278' 3 jspf 42 holes. With packer at 12278', spot 4 bbl 15% NeFe HCL. Then acidize with 1500 gal 15% NeFe HCL w/ 60 ball sealers. Swab to test production, then release packer.

Perf Upper Strawn 12238'-12248' 3 jspf 30 holes. Set RBP @ 12258' and packer @ 12248'. Spot with 4 bbl 15% NeFe HCL. Then acidize with 1500 gal 15% NeFe HCL w/ 45 ball sealers. Swab to test production.

If additional stimulation is needed, pull packer and RBP and frac with plan devised at time of procedure. Swab to test production again.

Set production packer @ 12150', swab again if needed, and turn well to sales as a Gem; Strawn producer.



**SEE ATTACHED FOR
CONDITIONS OF APPROVAL**

NSL-5579

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

Name (Printed/Typed)
 Natalie Krueger

Signature
Natalie Krueger

Title
 Reg Analyst 1

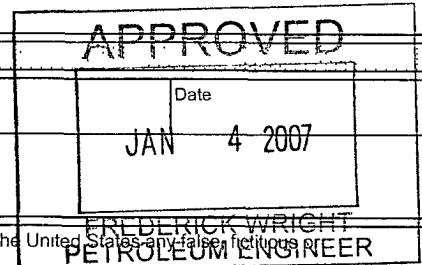
Date
 December 27, 2006

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by
[Signature]

Title
 Office

Date
 JAN 4 2007



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

DISTRICT I
1625 N French Dr., Hobbs, NM 88240

DISTRICT II
811 South First, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised March 17, 1999

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

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, New Mexico 87504-2088

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-36040	Pool Code	Pool Name Gem; Strawn
Property Code	Property Name MESCALERO 30 FEDERAL	Well Number 2
OCRID No. 162683	Operator Name Cimarex Energy Co. of Colorado	Elevation 3641'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	30	19 S	34 E		1200	SOUTH	1980	WEST	LEA

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
					Order No. NSL Pending 5579				
Dedicated Acres 40		Joint or Infill		Consolidation Code					

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

	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Zeno Farris</i> Signature</p> <p>Zeno Farris Printed Name</p> <p>Mgr Operations Admin Title</p> <p>12-27-06 Date</p>
	<p>SURVEYOR CERTIFICATION</p> <p>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 supervision and that the same is true and correct to the best of my belief.</p> <p>FEBRUARY 4, 2002 Date Surveyed</p> <p><i>[Signature]</i> Signature of Seal of Professional Surveyor</p> <p>NEW MEXICO 7977 W.O. No. 2269A</p> <p>Certified by Gary L. Jones 7977 PROFESSIONAL LAND SURVEYOR</p>

NM-056376

CIMAREX ENERGY CORPORATION

Mescalero "30" Federal #2

Quail Ridge
COMPLETION PROCEDURE
September 19, 2006

OBJECTIVE:

Restore Morrow Production or Recomplete to Strawn

WELL DATA:

Elevation: 3664 RKB (23' AGL)
TD: 13756'
PBTD: 13696' (FC)
Casing: 13 3/8, 48#, H40, ST&C @ 445'. Cement Circulated
9 5/8" 40# NS-110HC 8rd LTC @ 3525. Cement Circulated
5 1/2" 17# P110 LTC @ 13750' Cement Circulated 2nd Stage only
@ 5012-5041--Squeezed
Casing Leak: @ 5012-5041--Squeezed
Existing Morrow Perfs: 13,212 – 13,430' (Non-continuous)
Proposed Strawn Perfs: 12,238-48, 12,264-78
Tubing: 2 3/8", 4.7#, 8R, EUE
Correlation Log: Halliburton CBL Dated 8/26/03

PROCEDURE

1. MI & RU Slick line. RIH verify check valve removal from XN nipple (Packer @ 13380), Remove check if necessary. Run dip in pressure survey.
2. NUWH, turn to sales Swab if necessary.
3. Production test 30-60 days, evaluate for plunger, gas lift, or capillary string.

RECOMPLETE TO STRAWN

If production from the Morrow cannot be restored proceed with Strawn recompletion:

1. MIRUPU, NUBOP, TOH w/ tubing.
2. RUWL Run GR/JB to 13,300±', set CIBP @ 13,190±', (within 100' of top Morrow perf @ 13,212) dump 35' cement on CIBP.
3. TIH w/ tubing and packer to 6000±' (below squeeze @ 5012-5041). Set packer and test casing/CIBP to 2500 psi. TOH
4. Perf Strawn 3 JSPF phased 120 degrees using premium charges as follows:
 - 12264-78 (14', 42 holes)
5. TIH with tubing and packer to 12,278', Spot 4 bbl 15% NEFE HCL, PU tubing to 12,150 and reverse 4 bbl into tubing. Set packer.

6. Acidize Lower Strawn interval 12,264-78' w/ 1500 gal 15% NEFE HCL use 60 ball sealers for diversion.
7. Swab to recover load and test production.
8. Release packer and POH.
9. Perf Strawn 3 JSPF phased 120 degrees using premium charges as follows:
 - **12238-48 (10', 30 holes)**
10. TIH with tubing, RBP and packer. Set RBP @ ~12,258' (between two sets of perfs). PU with packer at 12,248' & spot 4 bbl 15% NEFE HCL, Pull tubing to ~12,150 and reverse 4 bbl into tubing. Set packer.
11. Acidize Upper Strawn interval 12,238-48' w/ 1500 gal 15% NEFE HCL use 45 ball sealers for diversion.
12. Swab to recover load and test production.
13. IF additional stimulation is required, pull tubing, packer and RBP. Run 3 ½" frac string and packer to 6000' +/- set packer. RU & frac as per attached recommendation.
14. Flow and/or swab back to recover load and test production.
15. Pull 3 ½" frac string. Run production packer and 2 3/8 production tubing, set packer @ 12150'.
16. Swab well in if necessary.
17. Turn well to sales.

CIMAREX ENERGY COMPANY

SPUDED 7/11/03

Mescalero 30 Federal #2

API : 30-025-36040

Proposed Recompletion

J. Piwetz, 9/21/2006

KB: 3664' (23' AGL)
DF. 3663'
GL. 3641'

1200' FSL & 1980' FWL
Unit N, Sec 30, T19S, R24E
Lea County, NM
Quail Ridge, Morrow

Casing Strings:

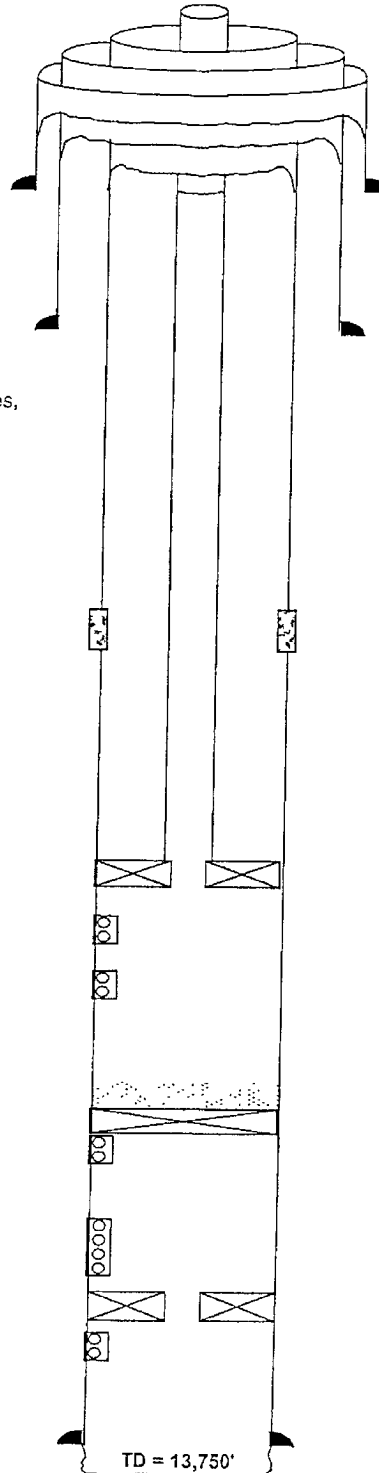
13 3/8" 48#, H-40, STC @ 445'.
TOC @ surface.

9 5/8" 40#, NS110-HC, STC @ 3525'.
TOC @ surface.

5 1/2" 17#, P110 @ 13,750'. Cmt 2 stages,
cmt circ 2nd stage only.

Tubing String:

No tbg detail in file
2 3/8" tbg w/sliding sleeve @ 13,158'



Sqz csg leak 5012'-5041'

Strawn Perfs. 12,238-248 (10', 30 holes)

Strawn Perfs: 12,264-278 (14', 42 holes)

Perfs: 13,212'-24', 13,265'-68'

Perfs: 13,307'-10', 13,312'-20', 13,323'-34'

Perfs: 13,3412'-30'

CIBP @ 13,190'

Howco permanent pkr @ 13,380'

TD = 13,750'

PBTD = 13,696'

SUNDRY NOTICE SPECIAL STIPULATIONS

1. Approval is granted for the plug back with the following stipulations:
2. The CIBP proposed for 13190' must be set within 100' of the top perf @ 13412'.

Engineering
can be reached at 505-706-2779 for any variances that might be necessary.

F Wright 1/4/07