

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

OCD-ARTESIA

DEC 17 2007
OCD-ARTESIA

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. NM-065347
2. Name of Operator Cimarex Energy Co. of Colorado		6. If Indian, Allottee or Tribe Name
3a. Address PQ Box 140907; Irving, TX 75014-0907		7. If Unit or CA/Agreement, Name and/or No.
3b. Phone No. (include area code) 972-401-3111		8. Well Name and No. Estill AD Federal No. 2
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 19-24S-26E SHL 2270' FNL & 380' FEL, BHL 1588' FNL & 957' FEL		9. API Well No. 30-015-33336
		10. Field and Pool, or Exploratory Area White City; Penn (Gas)
		11. County or Parish, 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 checked="" type="checkbox"/> Other <u>Recomplete to</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<u>Cisco-Canyon</u>
	<input type="checkbox"/> Convert to Injection	<input checked="" type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

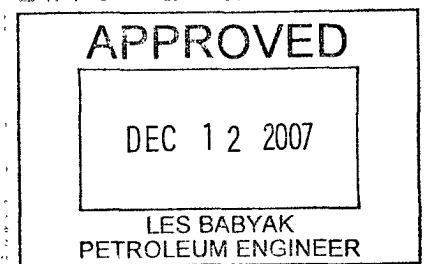
13.

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 Estill AD Federal No. 2 is marginally producing from the Strawn zone of the White City; Penn (Gas) pool with perfs @ 10441'-11090.' Cimarex proposes to re-enter, set a CIBP @ 10400' w/ 35' cmt (new PBDT 1989' FNL & 612' FEL), and perform the following operations:

Perf Cisco-Canyon 9947'-10093' w/ 2 spf, 180 deg phasing, 147 holes and frac.
Turn to sales as a White City; Penn (Gas) Cisco-Canyon gas well.

Recompletion plat and re-entry procedure are attached.



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

Natalie Krueger

Signature

Natalie Krueger

Title

Reg Analyst

Date

December 4, 2007

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by	Title	Date
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	

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)

DISTRICT II
P.O. Drawer DD, Artesia, NM 88211-0719

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

DISTRICT IV
P.O. BOX 2088, SANTA FE, N.M. 87504-2088

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-33336	Pool Code 87280	Pool Name White City; Penn (Gas)
Property Code	Property Name ESTILL AD FEDERAL	Well Number 2
OGRID No. 162683	Operator Name CIMAREX ENERGY CO. OF COLORADO	Elevation 3430'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	19	24 S	26 E		2270	NORTH	380	EAST	EDDY

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
H	19	24 S	26 E		1588	NORTH	957	EAST	EDDY
Dedicated Acres 640	Joint or Infill	Consolidation Code	Order No. NSL Pending						

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>NAD 27 NME GEODETIC COORDINATES Y-437862.0-N X-502567.6-E LAT.= 32°12'13.68" N LONG.= 104°19'29.07" W</p>	<p>3440.6' 3427.1' 600' 600' 3437.6' 3421.4'</p>	<p>Original TD 1588' FNL & 957' FEL</p>	<p>PBTD (CIBP @ 10400' w/ 35' cmt) 1989' FNL & 612' FEL</p>	<p>Penetration Point Cisco 2098' FNL & 511' FEL</p>	<p>Estill AD Fed #2</p>	<p>Estill AD Fed #1</p>	<p>Estill AD Fed #3</p>
1682'	1939'	1470'	1550'	1650'	2270'	380'	SHL
BHL	SHL						

OPERATOR CERTIFICATION

I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.

Zeno Farris
Signature

Zeno Farris
Printed Name

Mgr Operations Admin
Title

12-04-07
Date

SURVEYOR CERTIFICATION

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.

JANUARY 26, 2004

Date Surveyed LMP

Signature & Seal of Professional Surveyor

Gary K. Eulson 3/2/04
04.11.0008

Certificate No. GARY KIDSON 12641

ESTILL AD FEDERAL #2 CISCO RECOMPLETION

API # 30-015-33336
PROPERTY # 309588-168
2270' FNL & 380' FEL
Section 19, 24S, R-26E
Eddy County, New Mexico

GL : 3430' KB : 3453'
TD : 12300' PBTD: 11030' (CIBP W/ 2 SX SAND)
SURF CSG : 13-3/8" OD AT 352' (CIRC)
INTER CSG: 9-5/8" OD AT 1567' (TOPPED WITH 1")
PROD CSG : 7" OD 23# NS110HC AND P-110 @ 8012' (CIRC 1ST AND 2ND STAGE)
DV TOOL AT 4807'
ID=6.366", DRIFT=6.241", BURST=XXXX#, CAPACITY=1.6534 GAL/LF
LINER: 4-1/2" 11.6# P-110HC FROM 7247'-12300'
ID=4.000", DRIFT=3.875", BURST=10690#, CAPACITY=0.6528 GAL/LF
TUBING: 2-3/8" 4.7# L-80 AT 11466' W/ HOWCO VERSASET PACKER AT 10,404'
ID=1.995", DRIFT=1.901", BURST=11200 PSI, CAPACITY=0.1624 GAL/LF
PERFS: STRAWN - 10,441'-10,451' CBP AT 11,030' W/ 2 SX SAND
ATOKA - (BELOW PLUG) 11076'-11090' CIBP AT 11550' W/ 35' CMT
MORROW (BELOW PLUG) - 11,600'-11,718' OVERALL CIBP AT 11850'
MORROW (BELOW PLUG) - 11,911'-11,968' OVERALL

NOTE: ALL WIRELINE WORK CORRELATED TO RADIAL BOND LOG DATED 7/22/04.

1. SUBMIT SUNDRY TO RECOMPLETE TO CISCO CANYON.
2. MIRU PU. KILL TUBING 2% KCL WATER IF NECECCARY. CHECK CASING FOR PRESSURE OR FLOW. ND TREE AND NU 5K FULL OPENING FRAC VALVE AND BOP. RELEASE PACKER AND TOH WITH 2-3/8" TUBING, STANDING BACK.
3. MIRU WIRELINE. RIH WITH 3.75" GR/JB TO PBTD. POH. RIH WITH DUMP BAILER AND DUMP 35' OF CEMENT ON TOP OF PLUG AT 11,030'. RIH WITH 4-1/2" CIBP AND SET AT 10400'. LOAD HOLE WITH 2% KCL WATER AND TEST PLUG AND LINER TOP TO 7000 PSI. DUMP BAIL 35' CEMENT ON TOP OF PLUG. PERFORATE **CISCO CANYON 6 SPF, 60 DEGREE PHASING** AS FOLLOWS:

Top	Bottom	SPF	Holes
9947	9978	6	187
10010	10019	6	55
10035	10047	6	73
10064	10077	6	79
10087	10093	6	37
Total Holes			431

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

4. SPOT FRAC TANKS AND FILL WITH 2% KCL WATER. ND BOP. RIG UP CASING SAVER AND FLOWBACK MANIFOLD. FRACTURE STIMULATE PER SCHLUMBERGER RECOMMENDATION. FLOWBACK UNTIL WELL DIES.
5. ND FRAC VALVE. NU BOPS. RIH W/ 2-3/8" NOTCHED COLLAR, 1 JOINT 2-3/8" TUBING AND 1.875" X-NIPPLE AND 2-3/8" TUBING. TAG FOR SAND FILL AND CLEANOUT IF NECESSARY. LAND TUBING BETWEEN 10020' AND 10050'. ND BOPS AND NU TUBING. RDMO PULLING UNIT. RU SWAB UNIT AND SWAB WELL IN AND BEGIN FLOWING.