

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Form C-101
May 27, 2004

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit to appropriate District Office

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address Cimarex Energy Co. PO Box 140907 Irving, TX 75014-0907		² OGRID Number 215099
		³ API Number 30 - 025- 25102
⁴ Property Code 36377	⁵ Property Name State	⁶ Well No. 001
⁹ Proposed Pool 1 Atoka Wildcat		¹⁰ Proposed Pool 2

⁷ Surface Location

UL or lot no. I	Section 36	Township 15S	Range 37E	Lot Idn	Feet from the 2000	North/South line South	Feet from the 660	East/West line East	County Lea
--------------------	---------------	-----------------	--------------	---------	-----------------------	---------------------------	----------------------	------------------------	---------------

⁸ Proposed 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
---------------	---------	----------	-------	---------	---------------	------------------	---------------	----------------	--------

Additional Well Information

¹¹ Work Type Code E	¹² Well Type Code G	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3741' GR
¹⁶ Multiple No	¹⁷ Proposed Depth 12050'	¹⁸ Formation Atoka	¹⁹ Contractor	²⁰ Spud Date When Approved
Depth to Groundwater 49'		Distance from nearest fresh water well > 1000'		Distance from nearest surface water > 1000'
Pit: Liner: Synthetic <input type="checkbox"/> mils thick Clay <input type="checkbox"/> Pit Volume: bbls Drilling Method:				
Closed-Loop System <input checked="" type="checkbox"/> Flowback Tanks Fresh Water <input type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17 1/2"	13-3/8"	48#	440'	475 sx	Surface
12-1/4"	8-5/8"	24#, 32#	5050'	1905 sx	TOC 2650' by TS
8-3/4"	5-1/2" P-110	17#	12050'	1620sx	TOC 8000'

²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

American Quasar's American Quasar State No. 1 well was drilled to a depth of 13440' with only surface and intermediate casing set as shown above. The well was plugged and abandoned as a dry hole. We propose to re-enter and drill out plugs to 12050', run production casing, and perf and test the Atoka.

All fluids will be contained in flowback tanks.

Cimarex will use a 5000 psi BOP system.

Permit Expires 1 Year From Approval
Date Unless Drilling Underway
Re-Enter

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOC guidelines <input type="checkbox"/> , a general permit <input type="checkbox"/> , or an (attached) alternative OCD-approved plan <input type="checkbox"/> .		OIL CONSERVATION DIVISION	
Printed name: Zeno Farris <i>Zeno Farris</i>		Approved by: <i>Chris Williams</i>	
Title: Manager Operations Administration		Title: DISTRICT SUPERVISOR/GENERAL MANAGER	
E-mail Address: zfarris@cimarex.com		Approval Date: MAR 13 2007	
Date: February 12, 2007		Expiration Date:	
Phone: 972-443-6489		Conditions of Approval Attached <input type="checkbox"/>	

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

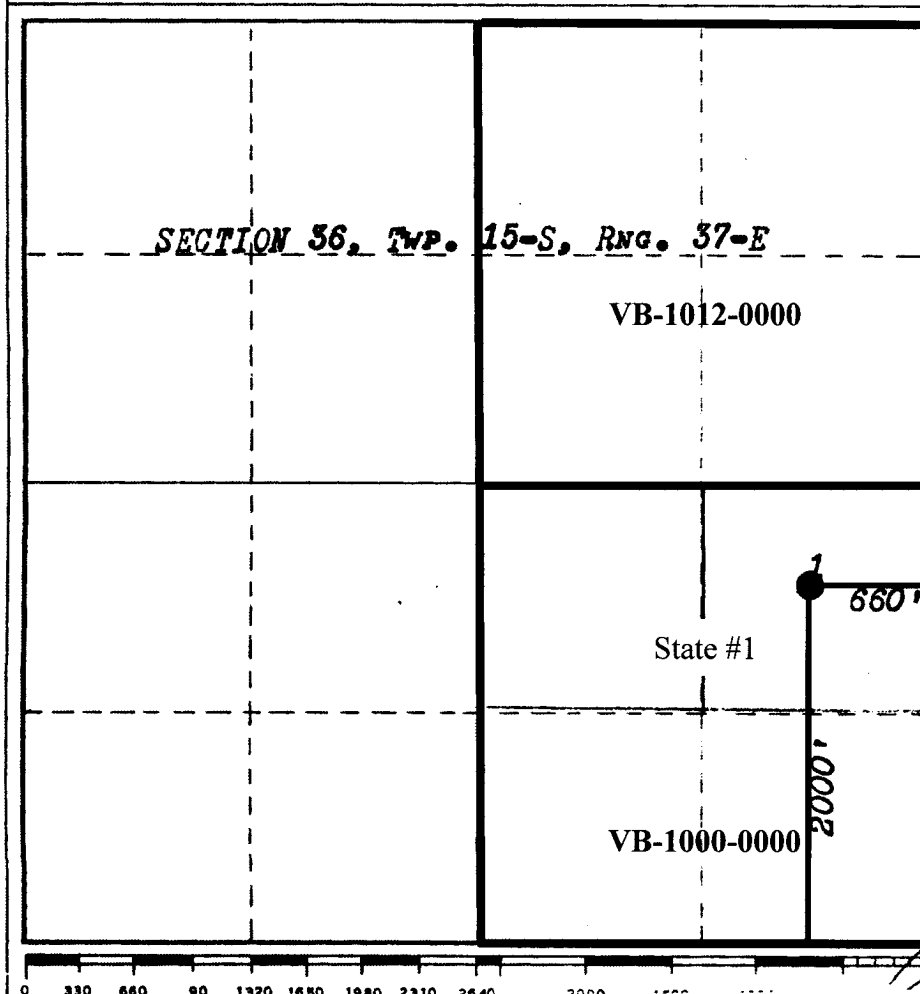
Operator Cimarex Energy Co.		Lease <215099>		State <36377>		Well No. 1
Unit Letter I	Section 36	Township 15S	Range 37E	County Lea		
Actual Footage Location of Well: 2000 feet from the South line and 660 feet from the East line NSL Pending						
Ground Level Elev. 3741	Producing Formation		Pool Atoka Wildcat		Dedicated Acreage: 320 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

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

Zeno Farris

Name

Zeno Farris

Position

Mgr Operations Admin

Company

Cimarex Energy Co.

Date

02-07-07

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 knowledge and belief.

Date Surveyed

Aug. 15, 1975

Registered Professional Engineer
and/or Land Surveyor

[Signature]
Certificate No. **DEA**