Form 3160-5 (August 2007)

# NM OIL CONSERVATION ARTESIA DISTRICT UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB NO. 1004-0135 Expires: July 31, 2010

**086** Intes 2014

SHAPPY MOTICES AND DEDODTS ON WELLS

5. Lease Serial No. NMNM38636

tertify that the applicant holds legal or equiable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.  Office	SUBMIT IN TRIPLICATE - Other instructions on reverse side.   7. If Unit or CA/Agreement, Name and/or N	SOINDKI	NO HOES AND REPORTS	OIA AAETER	1	1414114100000	
Type of Well   Gap Well   Gap Well   Gab W	Type of Well   Gas Well   Other	Do not use the abandoned we	nis form for proposals to drill ell. Use form 3160-3 (APD) fo	or to re-enter an ECEI or such proposals.	VED	6. If Indian, Allottee of	or Tribe Name
September   Gas Well   Gas Well   Ghore   Contest   DAVID A EYLER   September   September   Contest   David A Experiment   David A Experi	So al Well   Gas Well   Gher	SUBMIT IN TR	IPLICATE -Other instruction	s on reverse side.		7. If Unit or CA/Agree	ement, Name and/or No.
2. Name of Operator CIMAREX ENERGYCOMPANY OF CEMail DEVLERGINAGEO-RESCOM CIMAREX ENERGYCOMPANY OF CEMail DEVLERGINAGEO-RESCOM 30-015-24535-00-S1 30-Addres 600 NORTH MARIENFELD STREET SUITE 600 MIDLAND, TX. 79701 4. Location of Well (Provage, Sec. T. R. M. or Survey Description) Sec. 27 T268 R29E MWSE 23 40FSL 1681FEL  12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION  12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION  13. Notice of Intent Change Plans Change Repair Change Repair Change Plans Decembe Proposed or Completed Operation (Clearly state all perstaent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directorally or recomplete horizontally, give substantine locations and measured another vertical depth of all perintent markets and zenes. Including retinated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directorally or recomplete horizontally or recomplete markets and zenes. Including reclamation, have been completed, final Abandomment Notices shall be filled only after if requirements, including reclamation, have been completed, and the repetator has determined that the site is ready the Grain Impection.  1) SET 5-12" CISP QA875; PUMP 25 SXS CMT QA 252-258 SCOTTES C BISALTY, WOC X TAG.  3) PEBER X ATTEMPT TO SCO X 100 SXS CMT QA 252-258 SCOTTES C BISALTY, WOC X TAG.  4) PEBER X ATTEMPT TO SCO X 100 SXS CMT QA 252-258 SCOTTES C BISALTY, WOC X TAG.  5) DIG OUT X QUIT OF WELLHEAD 3 B.G.L., WELD ON STEEL PLATE Or	2. Names of Operator CIMAREX EDERGYCOMPANY OF COMail: DEVLERGMINLAGRORESCOM  3. AVIDENCE EDERGYCOMPANY OF COMAIL: DEVLERGMINLAGRORESCOM  3. AVIDENCE ADDRESS OF COMAIN OF COMAIL: DEVLETGMINLAGRORESCOM  3. AVIDENCE ADDRESS OF COMAIN OF CO		her				
Sec 27 T268 R29E NWSE 23 10FSL 1681FEL  11. Country or Purish, and State EDDY COUNTY, NM  12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  TYPE OF SUBMISSION  12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  TYPE OF SUBMISSION  13. Notice of Intent    Acidize   Deepen   Production (Start/Resume)   Water Shut-Off   Alter Casing   Fracture Treat   Reclamation   Well Integrity   Subsequent Report   Casing Repair   New Construction   Recomplete   Other     Final Abandonment Notice   Casing Repair   New Construction   Recomplete   Other     Final Abandonment Notice   Change Plans   Plug and Abandon   Temporarily Abandon     Convert to Injection   Plug Back   Water Disposal   Describe Proposed or Completed Operation (clearly state all perintendedusir, including retinated starting date of any proposed work and approximate duration thereof. Although groupleton of the involved operations. If the operation results in a multiple completion of real representation of the involved operations. If the operation results in a multiple completion of real representation have been completed to represent the proposed states expert reports shall be filled only after all requirements including reclamation, have been completed proposed of the involved operations. If the operation results in a multiple completion of real representation of the proposed states and perintended starting states and perintende	Sec 27 T268 R29E NWSE 2310FSL 1681FEL    Sec 27 T268 R29E NWSE 2310FSL 1681FEL   Sec 2	2. Name of Operator	Contact: DAV	/ID A EYLER AGRO-RESCOM			00-S1
Sec 27 T268 R29E MVSE 2310FSL 1681FEL   EDDY COUNTY, NM	4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  Sec 27 T268 R29E NWSE 23 10FSL 1681FEL  12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  TYPE OF SUBMISSION  TYPE OF SUBMISSION  TYPE OF SUBMISSION  Alter Casing    Acidize   Deepen   Production (Start/Resume)   Water Shut-Of   Subsequent Report   Casing Repair   New Construction   Recomplete   Other   Final Abandonament Notice   Change Plans   Plug Back   Water Disposal  13. Describe Proposed or Completed Operation (clearly state all perinent details, including estimated daring date of any proposed work and approximate duration thereof the proposal is a design affection with the perinent of proposal is designed and trave vertical depths of all perinent makers and zones. If the perinent of the involved operations (clearly state all perinent details, including estimated daring date of any proposed work and approximate duration thereof the proposal is designed and trave vertical depths of all perinent makers and zones. If the perinent of the involved operations will be perinent of proposal in the world in the vertical depths of all perinent makers and zones. If the proposal is designed and trave vertical depths of all perinent makers and zones. If the proposal is designed and trave vertical depths of all perinent makers and zones. If the proposal is designed and trave vertical depths of all perinent makers and zones. If the proposal is designed and trave vertical depths of all perinent makers and zones. If the proposal is designed and trave vertical depths of all perinent makers and zones. If the proposal is depth and the state is ready for final inspection.)  13. Describe Proposal of the proposal is depth and proposal determined depths of any proposal work and approximate duration thereof the proposal depths of any proposal work and approximate duration thereof the proposal depths of any proposal work and approximate duration thereof the proposal depths of any proposal depth and zone depth and zone depth and	600 NORTH MARIENFELD S	STREET SUITE 600 Ph			10. Field and Pool, or BRUSHY DRAV	Exploratory V
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TYPE OF SUBMISSION    Acidize	TYPE OF SUBMISSION  TYPE OF ACTION    Acidize	Sec 27 T268 R29E NWSE 23	310FSL 1681FEL			EDDY COUNT	Y, NM
Acidize	Acidize	12. CHECK APP	ROPRIATE BOX(ES) TO IN	DICATE NATURE OF N	OTICE, RE	PORT, OR OTHE	R DATA
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Subsequent Report	Alter Casing   Fracture Treat   Reclamation   Well Integrity   Casing Repair   New Construction   Recomplete   Other   Change Plans   Plug and Abandon   Temporarily Abandon   Convert to Injection   Plug Back   Water Disposal	Notice of Intent	☐ Acidize	□ Deepen	☐ Production	on (Start/Resume)	☐ Water Shut-Off
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Convert to Injection	Convert to Injection   Plug Back   Water Disposal	☐ Subsequent Report	☐ Casing Repair	■ New Construction	□ Recompl	ete	☐ Other
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8 5/8" 24# csg @ 445' Cmt w/280 sx, No Circ

TOC @ 3225'

5-1/2" 15:5# csg @ 5074' Cmt w/? sx, TOC @ 3225'

### Cimarex Energy Co. of Colorado Amoco Federal 3

API 30-015-24535 2310' FSL & 1681' FEL, Sec 27, T26S R29E Eddy County, NM GL:2866' KB: 2876 Spud: 8/16/83

API 30-015-24535

rev DP-4/19/13

12 1/4" hole to 445"

Tubing Detail
Amoco Federal 3

**KB** Correction

Quantity	Description:	. Lergth	Setting Depth
	KB:		::
158	2-7/8" tog. Buil plug. Perforated sub	4842	4842,00

# Rod Detail

KB Correction

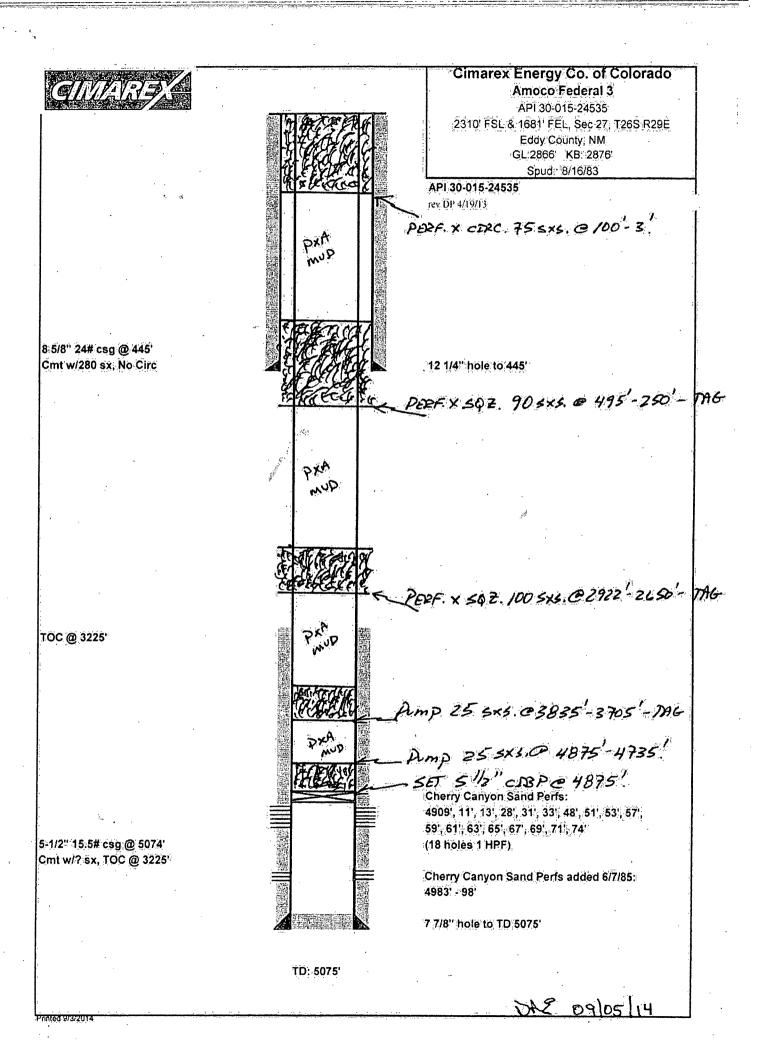
Quantity *	Description	Length	
	1:1/2" PR:	22.00	22.00
1	1-1/4" PL""	10.00	32.00
4	7/81 pany subs	16.00	48.00
57	7/81 rods'	1425.00	1473.00
125	3/4" rods"	3125.00	4598.00
<u>s</u> .	7/81 rods	200.00	4799.00
	conce 2-1/2" x 1-1/4"pmp	18.00	4816 00

Cherry Canyon Sand Perfs: 4909', 11', 13', 28', 31', 33', 48', 51', 53', 57', 59', 61', 63', 65', 67', 69', 71', 74' (18 holes 1 HPF)

Cherry Canyon Sand Perfs added 6/7/85: 4983' - 98'

7 7/8" hole to TD 5075"

TD: 5075



## BUREAU OF LAND MANAGEMENT Carlsbad Field Office 620 East Greene Street Carlsbad, New Mexico 88220 575-234-5972

### Permanent Abandonment of Federal Wells Conditions of Approval

Failure to comply with the following Conditions of Approval may result in a Notice of Incidents of Noncompliance (INC) in accordance with 43 CFR 3163.1.

1. Plugging operations shall commence within <u>ninety (90)</u> days from the approval date of this Notice of Intent to Abandon.

If you are unable to plug the well by the  $90^{th}$  day provide this office, prior to the  $90^{th}$  day, with the reason for not meeting the deadline and a date when we can expect the well to be plugged. Failure to do so will result in enforcement action.

The rig used for the plugging procedure cannot be released and moved off without the prior approval of the authorized officer. Failure to do so may result in enforcement action.

- 2. <u>Notification:</u> Contact the appropriate BLM office at least 24 hours prior to the commencing of any plugging operations. For wells in Chaves and Roosevelt County, call 575-627-0272; Eddy County, call 575-361-2822; Lea County, call 575-393-3612.
- 3. <u>Blowout Preventers</u>: A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The BOP must be installed and maintained as per API and manufacturer recommendations. The minimum BOP requirement is a 2M system for a well not deeper than 9,090 feet; a 3M system for a well not deeper than 13,636 feet; and a 5M system for a well not deeper than 22,727 feet.
- 4. <u>Mud Requirement:</u> Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at the rate of 25 sacks (50 pounds each) of gel per 100 barrels of **brine** water. Minimum nine (9) pounds per gallon.
- 5. <u>Cement Requirement</u>: Sufficient cement shall be used to bring any required plug to the specified depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and are not final. Unless specific approval is received, no plug except the surface plug shall be less than 25 sacks of cement. Any plug that requires a tag will have a minimum WOC time of 4 hours.

In lieu of a cement plug across perforations in a cased hole (not for any other plugs), a bridge plug set within 50 feet to 100 feet above the perforations shall be capped with 25 sacks of cement. If a bailer is used to cap this plug, 35 feet of cement shall be sufficient. Before pumping or bailing cement on top of CIBP, tag will be required to verify depth. Based on depth, a tag of the cement may be deemed necessary.

Unless otherwise specified in the approved procedure, the cement plug shall consist of either Neat Class "C", for up to 7,500 feet of depth or Neat Class "H", for deeper than 7,500 feet plugs.

6. <u>Dry Hole Marker</u>: All casing shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). The BLM is to be notified a minimum of 4 hours prior to the wellhead being cut off to verify that cement is to surface in the casing and all annuluses. Wellhead cut off shall commence within ten (10) calendar days of the well being plugged. If the cut off cannot be done by the 10<sup>th</sup> day, the BLM is to be contacted with justification to receive an extension for completing the cut off.

The well bore shall then be capped with a 4-inch pipe, 10-feet in length, 4 feet above ground and embedded in cement, unless otherwise noted in COA (requirements will be attached). The following information shall be permanently inscribed on the dry hole marker: well name and number, name of the operator, lease serial number, surveyed location (quarter-quarter section, section, township and range or other authorized survey designation acceptable to the authorized officer such as metes and bounds).

- 7. <u>Subsequent Plugging Reporting:</u> Within 30 days after plugging work is completed, file one original and three copies of the Subsequent Report of Abandonment, Form 3160-5 to BLM. The report should give in detail the manner in which the plugging work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. **Show date well was plugged.**
- 8. <u>Trash:</u> All trash, junk and other waste material shall be contained in trash cages or bins to prevent scattering and will be removed and deposited in an approved sanitary landfill. Burial on site is not permitted.

Following the submission and approval of the Subsequent Report of Abandonment, surface restoration will be required. See attached reclamation procedure.

J. Amos 3/6/11



## United States Department of the Interior

#### **BUREAU OF LAND MANAGEMENT**

Carlsbad Field Office 620 E. Greene St. Carlsbad, New Mexico 88220-6292 www.blm.gov/nm



In Reply Refer To: 1310

#### **Reclamation Objectives and Procedures**

Reclamation Objective: Oil and gas development is one of many uses of the public lands and resources. While development may have a short- or long-term effect on the land, successful reclamation can ensure the effect is not permanent. During the life of the development, all disturbed areas not needed for active support of production operations should undergo "interim" reclamation in order to minimize the environmental impacts of development on other resources and uses. At final abandonment, well locations, production facilities, and access roads must undergo "final" reclamation so that the character and productivity of the land and water are restored.

The long-term objective of final reclamation is to set the course for eventual ecosystem restoration, including the restoration of the natural vegetation community, hydrology, and wildlife habitats. In most cases this means returning the land to a condition approximating or equal to that which existed prior to the disturbance. The final goal of reclamation is to restore the character of the land and water to its predisturbance condition. The operator is generally not responsible for achieving full ecological restoration of the site. Instead, the operator must achieve the short-term stability, visual, hydrological, and productivity objectives of the surface management agency and take steps necessary to ensure that long-term objectives will be reached through natural processes.

To achieve these objectives, remove any and all contaminants, scrap/trash, equipment, pipelines and powerlines. Strip and remove caliche, contour the location to blend with the surrounding landscape, redistribute the native soils, provide erosion control as needed, rip and seed as specified in the original APD COA. This will apply to well pads, facilities, and access roads. Barricade access road at the starting point. If reserve pits have not reclaimed due to salts or other contaminants, submit a plan for approval, as to how you propose to provide adequate restoration of the pit area.

- The Application for Permit to Drill or Reenter (APD, Form 3160-3), Surface Use Plan of
  Operations must include adequate measures for stabilization and reclamation of disturbed lands.
  Oil and Gas operators must plan for reclamation, both interim and final, up front in the APD
  process as per Onshore Oil and Gas Order No. 1.
- 2. For wells and/or access roads not having an approved plan, or an inadequate plan for surface reclamation (either interim or final reclamation), the operator must submit a proposal describing the procedures for reclamation. For interim reclamation, the appropriate time for submittal would be when filing the Well Completion or Recompletion Report and Log (Form 3160-4). For final reclamation, the appropriate time for submittal would be when filing the Notice of Intent, or the Subsequent Report of Abandonment, Sundry Notices and Reports on Wells (Form 3160-5). Interim reclamation is to be completed within 6 months of well completion, and final reclamation is to be completed within 6 months of well abandonment.
- 3. The operator must file a Subsequent Report Plug and Abandonment (Form 3160-5) following the plugging of a well.
- 4. Previous instruction had you waiting for a BLM specialist to inspect the location and provide you with reclamation requirements. If you have an approved Surface Use Plan of Operation and/or an approved Sundry Notice, you are free to proceed with reclamation as per approved APD. If you have issues or concerns, contact a BLM specialist to assist you. It would be in your interest to have a BLM specialist look at the location and access road prior to the removal of reclamation

equipment to ensure that it meets BLM objectives. Upon conclusion submit a Form 3160-5, Subsequent Report of Reclamation. This will prompt a specialist to inspect the location to verify work was completed as per approved plans.

- 5. The approved Subsequent Report of Reclamation will be your notice that the native soils, contour and seedbed have been reestablished. If the BLM objectives have not been met the operator will be notified and corrective actions may be required.
- 6. It is the responsibility of the operator to monitor these locations and/or access roads until such time as the operator feels that the BLM objective has been met. If after two growing seasons the location and/or access roads are not showing the potential for successful revegetation, additional actions may be needed. When you feel the BLM objectives have been met submit a Final Abandonment Notice (FAN), Form 3160-5, stating that all reclamation requirements have been achieved and the location and/or access road is ready for a final abandonment inspection.
- 7. At this time the BLM specialist will inspect the location and/or access road. If the native soils and contour have been restored, and the revegetation is successful, the FAN will be approved, releasing the operator of any further liability of the location and/or access road. If the location and/or access road have not achieved the objective, you will be notified as to additional work needed or additional time being needed to achieve the objective.

If there are any questions, please feel free to contact any of the following specialists:

Jim Amos Supervisory Petroleum Engineering Tech 575-234-5909, 575-361-2648 (Cell)

Solomon Hughes Natural Resource Specialist 575-234-5951

Jeffery Robertson Natural Resource Specialist 575-234-2230

Duncan Whitlock Environmental Protection Specialist 575-234-5926

Linda Denniston Environmental Protection Specialist 575-234-5974 Cody Layton Supervisory Multi Resources 575-234-5959

Trishia Bad Bear Natural Resource Specialist 575-393-3612

Amanda Lynch Natural Resource Specialist 575-234-5922

Jessie Rice Natural Resource Specialist 575-234-5913

Indra Dahal Natural Resource Specialist 575-234-5996