

CONFIDENTIAL OCD-ARTESIA

Form 3160 -3 (February 2005)

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HIGH CAVEKARST

FORM APPROVED OMB No. 1004-0137 Expires March 31, 2007

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UNITED STATES

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DEPARTMENT OF THE BUREAU OF LAND MA APPLICATION FOR PERMIT TO	DRILL OR REENTE	R		6 If Indian, Allotee or T	ribe Name	
Ia. Type of work.	7 If Unit or CA Agreement, Name and No.					
lb. Type of Well Oil Well Gas Well Other	Single Zone	8. Lease Name and Well No. Multiple Zone MOSAIC 34 FEDERAL 3H				
2. Name of Operator CHESAPEAKE OPERATING, INC.	ATTN: LINDA G	OOD		9 API Well No.	- 36 oc	
3a Address P.O. BOX 18496 OKLAHOMA CITY, OK 73154-0496	3b. Phone No. (include area 405-767-4275	3b. Phone No. (include area code) 405-767-4275			10. Field and Pool, or Exploratory Undes. Willow Lake	
4. Location of Well (Report location clearly and in accordance with At surface 2122' FSL & 2568' FWL, NESW	arry State requirements *) Carlsbad Con	trolle	d Wate	11. Sec , T. R M or Blk. an F Başin _{24S-28E}	d Survey or Area	
At proposed prod. zone 2310' FSL & 330' FWL, NWSW 14. Distance in miles and direction from nearest town or post office*		<u></u> .		12 County or Parish EDDY CO.	13 State	
Distance from proposed* location to nearest property or lease line, ft (Also to nearest drig unit line, if any)	16 No of acres in lease		17. Spacin	g Unit dedicated to this well		
18 Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft	19. Proposed Depth 5200'	d Depth 20 BLM/BIA Bond No. on file NM #2634				
21 Elevations (Show whether DF, KDB, RT, GL, etc.) GL 2989' est. KB 3007' est.	22. Approximate date work	will sta	t*	23. Estimated duration		
	24. Attachments					
The following, completed in accordance with the requirements of Onst 1. Well plat certified by a registered surveyor. 2. A Drilling Plan 3. A Surface Use Plan (if the location is on National Forest System SUPO prints be filed with the appropriate Forest Service Office).	yn Lands, the 5. Operator	cover tl lbove). certific	ne operatio	is form: ns unless covered by an exist primation and/or plans as may		
25. Signature Citle Vice President - Regulatory Compliance	Name (Printed/Typed, Paul Hageme			Date	8/1/0-	
Approved by (Signature) Atephy Sephy			E CI	PFFEY Date	1/5/07	
FIELD MANAGER	Office CAR	LS	BAD	FIELD OFFIC	É	
Application approval does not warrant or certify that the applicant he conduct operations thereon.	lds legal or equitable title to the	se righ		ject lease which would entitle		

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.

Conditions of approval, if any, are attached.

SEE ATTACHED FOR CONDITIONS OF APPROVAL

APPROVAL SUBJECT TO **GENERAL REQUIREMENTS** AND SPECIAL STIPULATIONS **ATTACHED**

^{*(}Instructions on page 2)

State of New Mexico

DISTRICT I 1625 N. FRENCH DR., HOBBS, NM 88240

Energy, Minerals and Natural Resources Department

DISTRICT II

1301 W. GRAND AVENUE, ARTESIA, NM 88210

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

OIL CONSERVATION DIVISION 1220 SOUTH ST. FRANCIS DR. Santa Fe, New Mexico 87505

Form C-102 Revised October 12, 2005 Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

DISTRICT IV WELL LOCATION AND ACREAGE DEDICATION PLAT ☐ AMENDED REPORT 1220 S. ST. FRANCIS DR., SANTA FE, NM 87505 API Number Selawore Well Number Property Code Property Name 6004 MOSAIC 34 FEDERAL 3H OGRID No. Operator Name Elevation CHESAPEAKE OPERATING, INC. 3003

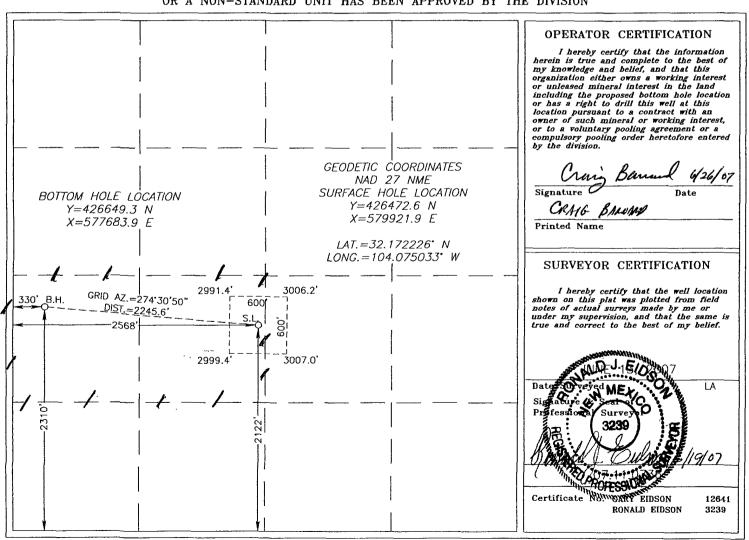
Surface Location

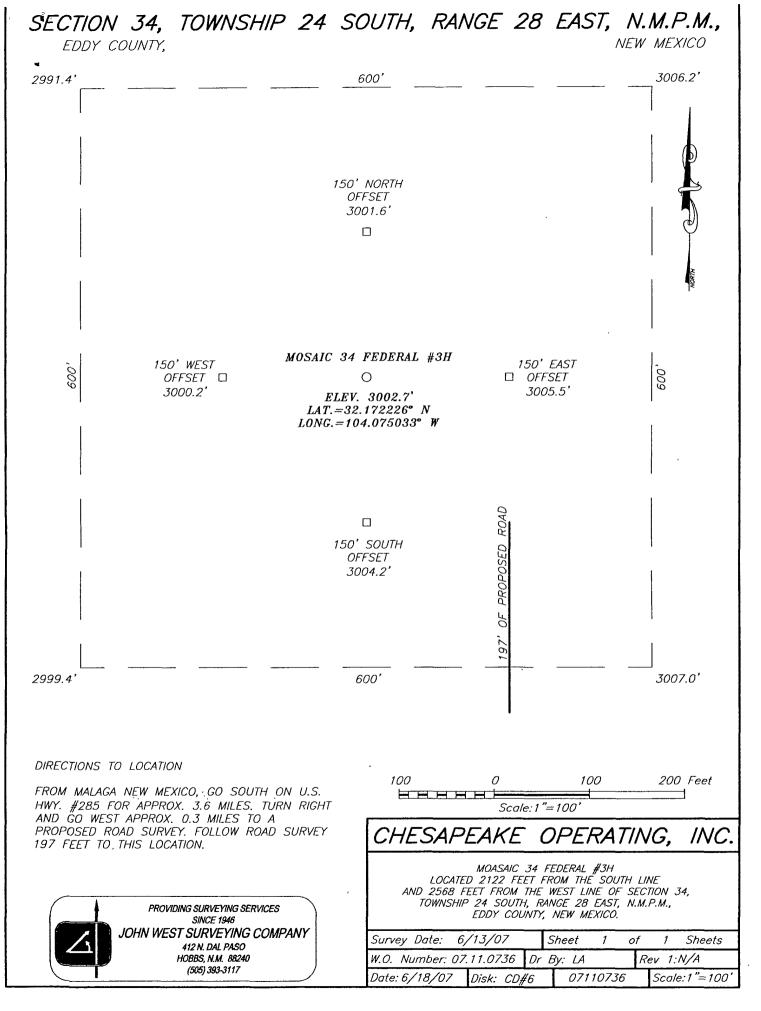
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	34	24-S	28-E		2122	SOUTH	2568	WEST	EDDY

Bottom Hole Location If Different From Surface

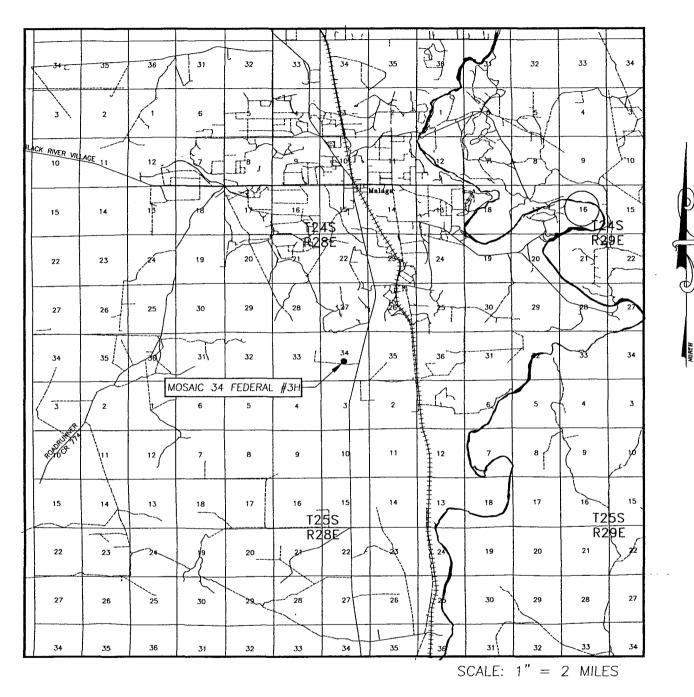
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	34	24-S	28-E		2310	SOUTH	330	WEST	EDDY
Dedicated Acre	s Joint o	r Infill Co	nsolidation	Code Or	der No.				

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

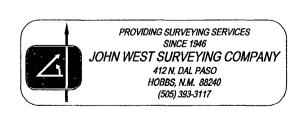




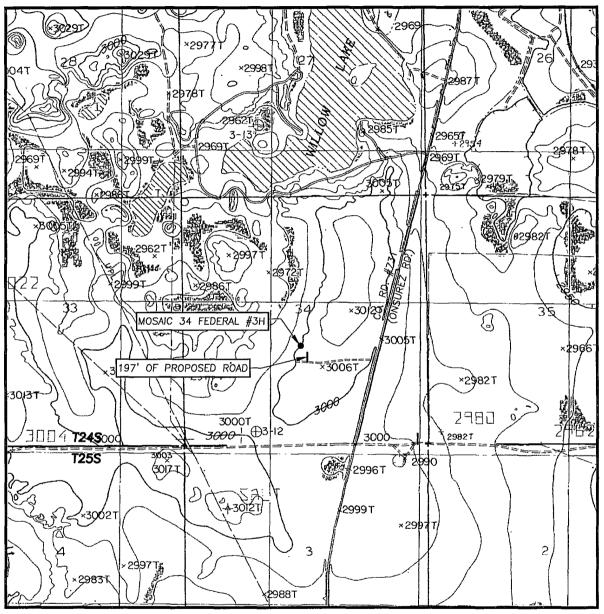
VICINITY MAP



SEC. 34	TWP. <u>24-S</u> RGE. <u>28-E</u>	
SURVEY	N.M.P.M.	
COUNTYE	EDDY STATE NEW MEXICO	A
DESCRIPTIO	N 2122' FSL & 2568' FEL	<i>y</i> .
	3003'	
OPERATOR_	CHESAPEAKE OPERATING, INC.	
LEASE	MOSAIC 34 FEDERAL	



LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL: MALAGA, N.M. — 10'

SEC. 34 TWP. 24-S RGE. 28-	<u>E</u>
SURVEYN.M.P.M.	
COUNTY EDDY STATE NEW ME	EXICO
DESCRIPTION 2122' FSL & 2568'	FWL
ELEVATION 3003'	
CHESAPEAKE OPERATING, INC.	
LEASE MOSAIC 34 FEDERAL	
U.S.G.S. TOPOGRAPHIC MAP MALAGA, N.M.	



