

OCD-ARTESIA

Form 3160-5
(April 2004)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: March 31, 2007**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 ☐ Other2. Name of Operator **CHESAPEAKE OPERATING, INC.** ATTN: LINDA GOOD3a. Address
P.O. BOX 18496, OKLAHOMA CITY, OK 73154-04963b. Phone No. (include area code)
405-767-4275

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**SL: 650 FNL 448 FEL NENE SEC 35-20S-25E
BL: 710 FNL 710 FEL NENE SEC 35-20S-25E****JAN 23 2006****OCD-ARTESIA**5. Lease Serial No.
NMNM108964

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.
LIMESTONE DRAW FEDERAL 19. API Well No.
30-015-3321110. Field and Pool, or Exploratory Area
MORROW, WEST11. 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 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 checked="" 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 type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Directional Drill Plan
	<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, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat 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 recompleat 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.)

PLEASE FIND THE ENCLOSED DIRECTIONAL DRILLING PLAN FOR THE LIMESTONE DRAW FEDERAL 1.**BLM NATIONWIDE BOND #NM2634.****(CHK PN 819434)****SUBJECT TO
LIKE APPROVAL
BY NMOCD**14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)**LINDA GOOD**Title **PERMITTING AGENT**

Signature

Linda Good

Date

01/05/2006**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

DAVID R. CLARK**PETROLEUM ENGINEER**

Date

JAN 18 2006

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 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.

(Instructions on page 2)

Proposal

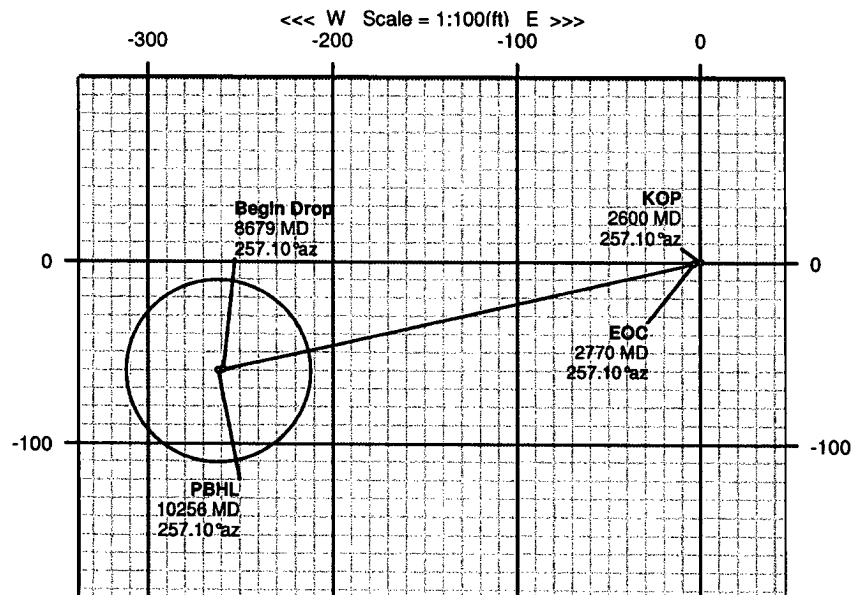
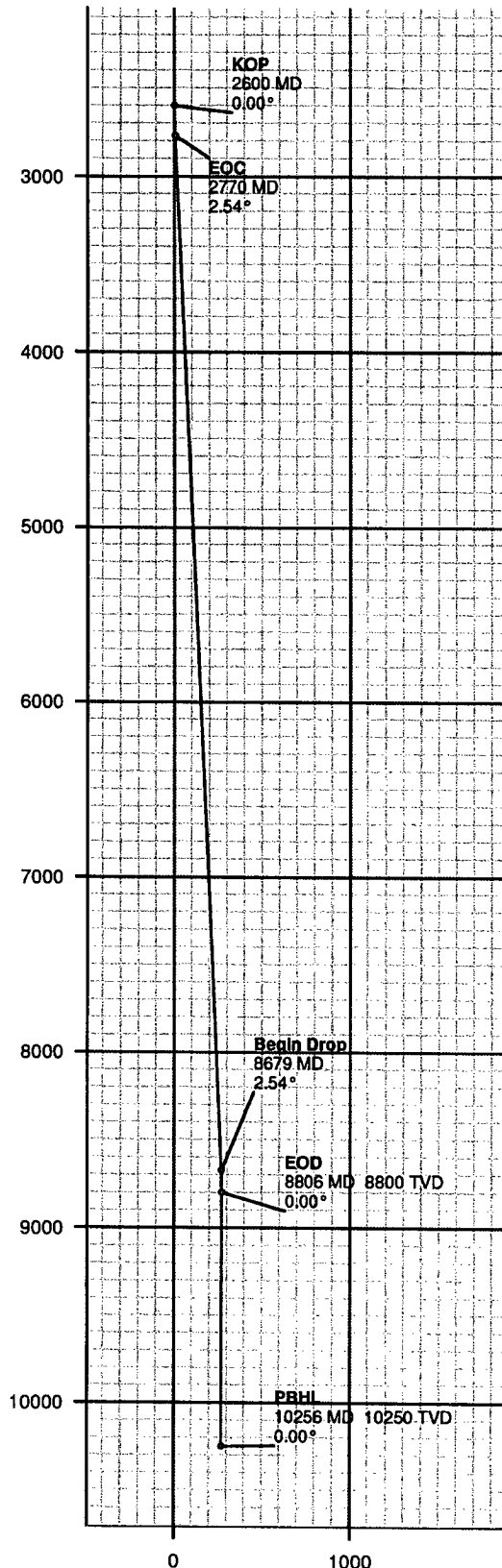


Report Date: January 5, 2006 Client: Chesapeake Energy Corp. Field: Eddy County, NM Structure / Slot: Limestone Draw 35 Fed #1 / Limestone Draw 35 Fed #1 Well: Limestone Draw 35 Fed #1 Borehole: Limestone Draw 35 Fed #1 UWI/API#: Survey Name / Date: Limestone_r1 / December 15, 2005 Tort / AHD / DDI / ERD ratio: 5.086° / 268.78 ft / 3.136 / 0.026 Grid Coordinate System: NAD27 New Mexico State Planes, Eastern Zone, US Feet Location Lat/Long: N 32 27 58.536, W 104 17 54.240 Location Grid N/E Y/X: N 533340.441 ftUS, E 510773.991 ftUS Grid Convergence Angle: +0.01875231° Grid Scale Factor: 0.99990922	Survey / DLS Computation Method: Minimum Curvature / Lubinski Vertical Section Azimuth: 257.100° Vertical Section Origin: N 0.000 ft, E 0.000 ft TVD Reference Datum: RKB TVD Reference Elevation: 0.0 ft relative to Sea Bed / Ground Level Elevation: 0.000 ft relative to Magnetic Declination: 8.577° Total Field Strength: 49268.913 nT Magnetic Dip: 60.417° Declination Date: December 14, 2005 Magnetic Declination Model: IGRF 2005 North Reference: Grid North Total Corr Mag North -> Grid North: +8.558° Local Coordinates Referenced To: Well Head
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Comments	Measured Depth (ft)	Inclination (deg)	Azimuth (deg)	TVD (ft)	Vertical Section (ft)	NS (ft)	EW (ft)	Closure (ft)	Closure Azimuth (deg)	DLS (deg/100 ft)	Tool Face (deg)
Tie-In	0.00	0.00	257.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-102.90M
KOP	2600.00	0.00	257.10	2600.00	0.00	0.00	0.00	0.00	0.00	0.00	-102.90M
	2700.00	1.50	257.10	2699.99	1.31	-0.29	-1.28	1.31	257.10	1.50	-102.90M
EOC	2769.54	2.54	257.10	2769.49	3.76	-0.84	-3.67	3.76	257.10	1.50	-102.90M
Begin Drop	8678.76	2.54	257.10	8672.89	265.96	-59.37	-259.25	265.96	257.10	0.00	-102.90M
	8700.00	2.12	257.10	8694.11	266.82	-59.56	-260.09	266.82	257.10	2.00	-102.90M
	8800.00	0.12	257.10	8794.08	268.78	-60.00	-261.99	268.78	257.10	2.00	-102.90M
EOD	8805.92	0.00	257.10	8800.00	268.78	-60.00	-262.00	268.78	257.10	2.00	-102.90M
PBHL	10255.92	0.00	257.10	10250.00	268.78	-60.00	-262.00	268.78	257.10	0.00	0.00M

Chesapeake Energy Corp.

WELL	Limestone Draw 35	FIELD	Eddy County, NM	STRUCTURE	Federal #1
Magnetic Parameters Model: IGRF 2005 Dip: 60.417° Date: December 14, 2005 Surface Location Lat: N32 27 58.536 Northing: 533340.44 RUS Grid Conv: +0.01875231° Miscellaneos Skt: Limestone Draw 35 Fed #1 TVD Ref: FKB (0.00 ft above) Plan: Limestone_r1 Svy Date: Thu 04:08 PM December 15, 2005 Mag Dec: -8.577° FB: 49268.9 nT Lon: W104 17 54.240 Easting: 510773.99 RUS Scale Fact: 0.9998092238					



Critical Points								
Critical Point	MD	INCL	AZIM	TVD	VSEC	N(+) / S(-)	E(+) / W(-)	DLS
Tie-In	0.00	0.00	257.10	0.00	0.00	0.00	0.00	0.00
KOP	2600.00	0.00	257.10	2600.00	0.00	0.00	0.00	0.00
EOC	2769.54	2.54	257.10	2769.49	3.76	-0.84	-3.67	1.50
Begin Drop	8678.76	2.54	257.10	8672.89	265.96	-59.37	-259.25	0.00
EOD	8805.92	0.00	257.10	8800.00	268.78	-60.00	-262.00	2.00
PBHL	10255.92	0.00	257.10	10250.00	268.78	-60.00	-262.00	0.00

Departure (ft) Azim = 257.1°, Scale = 1:1000 Origin = 0 N/-S, 0 E/-W

INTREPID
Directional Drilling Specialists

