

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

S

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.

FEB 13 2009

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well ☒ Oil Well ☐ Gas Well ☐ Other		5. Lease Serial No. NMNM102035
2. Name of Operator CHESAPEAKE OPERATING, INC. Contact: LINDA GOOD E-Mail: linda.good@chk.com		7. If Indian, Allottee or Tribe Name
3a. Address OKLAHOMA CITY, OK 73154-0496	3b. Phone No. (include area code) Ph: 405-935-4275	8. Well Name and No. PLU ROSS RANCH 6 FEDERAL 1H
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 6 T26S R30E SWSE 350FSL 1880FEL		9. API Well No. 30-015-36883-00-X1
		10. Field and Pool, or Exploratory POKER LAKE WILDCAT
		11. County or Parish, and State EDDY COUNTY, NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	Change to Original
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	PD

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.)

CHESAPEAKE, RESPECTFULLY, REQUESTS THE FOLLOWING CHANGES TO THE DRILLING PROGRAM:

PILOT HOLE TD 8400' TVD/MD - WILL NOT ENTER WOLFCAMP.

LATERAL ~ 12,345' MD/8045' TVD - LOWER AVALON SHALE VS. THE PREVIOUS PLAN INTO THE UPPER AVALON SHALE.

PLEASE FIND THE ATTACHED REVISED DIRECTIONAL PLAN AND WELLBORE SCHEMATIC.

(CHK PN 624821)

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

14. I hereby certify that the foregoing is true and correct. Electronic Submission #67129 verified by the BLM Well Information System For CHESAPEAKE OPERATING, INC., sent to the Carlsbad Committed to AFMSS for processing by CHERYLE RYAN on 02/10/2009 (09CMR0205SE)	
Name (Printed/Typed) LINDA GOOD	Title SR. REGULATORY COMPLIANCE SPEC
Signature (Electronic Submission)	Date 02/10/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By WESLEY INGRAM	Title PETROLEUM ENGINEER	Date 2009 02/11/20
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 Carlsbad

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.

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

**PLU Ross Ranch 6 Federal 1H
30-015-36883
Chesapeake Operating, Inc.
February 11, 2009
Conditions of Approval**

- 1. With the shallower depth, the requirements for testing the BOP/BOPE above the Wolfcamp no longer apply and neither will the mud monitoring requirement for the Wolfcamp.**
- 2. Plug required at bottom of pilot hole. Plug to be a minimum of 185' in length. Plug is to be tagged unless a solid plug is being set back to the kick off point.**
- 3. Additional cement will be required on the production casing as the excess cement calculates to 11%.**

WWI 021109

Permian District

NM - Eddy - Morrow Project

PLU Ross Ranch 6 Federal 1H

Well #1

Wellbore #1

Plan: Plan #1

Standard Planning Report

09 February, 2009

Planning Report

Database: Drilling Database
 Company: Permian District
 Project: NM - Eddy - Morrow Project
 Site: PLU Ross Ranch 6 Federal 1H
 Well: Well #1
 Wellbore: Wellbore #1
 Design: Plan #1

Local Co-ordinate Reference: Well Well #1
 TVD Reference: RKB @ 3096 0ft
 MD Reference: RKB @ 3096 0ft
 North Reference: True
 Survey Calculation Method: Minimum Curvature

Project: NM - Eddy - Morrow Project
 Map System: US State Plane 1927 (Exact solution)
 Geo Datum: NAD 1927 (NADCON CONUS)
 Map Zone: New Mexico East 3001

System Datum: Ground Level

Site: PLU Ross Ranch 6 Federal 1H

Site Position: From: None
 Position Uncertainty: ft
 Northing: ft
 Easting: ft
 Slot Radius: in
 Latitude: 0 00 °
 Longitude: 0 00 °
 Grid Convergence: 0 00 °

Well: Well #1
 Well Position: +N-S 0.0 ft
 +E-W 0.0 ft
 Position Uncertainty: ft
 Northing: 0 00 ft
 Easting: 0 00 ft
 Wellhead Elevation: ft
 Latitude: 30° 59' 24 51165130 N
 Longitude: 105° 55' 44 13731823 W
 Ground Level: 3,084 0 ft

Wellbore: Wellbore #1
 Magnetics: Model Name Sample Date Declination Dip Angle Field Strength
 User Defined 9/28/2008 0.00 0 00 0

Design: Plan #1

Audit Notes:

Version: Phase: PROTOTYPE Tie On Depth: 0.0

Vertical Section: Depth From (TVD) +N-S +E-W Direction
 (ft) (ft) (ft) (°)
 0 0 0.0 0 0 0 00

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N-S (ft)	+E-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0 0	0 00	0 00	0 0	0 0	0.0	0 00	0 00	0 00	0 00	
7,458 0	0 00	0 00	7,458 0	0 0	0.0	0 00	0 00	0 00	0 00	
8,196 6	88 50	0 00	7,936 0	465 6	0.0	11 98	11 98	0 00	0 00	
12,346 2	88 50	0 00	8,044 6	4,613.8	0 0	0 00	0 00	0 00	0 00	

Planning Report

Database: Drilling Database
 Company: Permian District
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Local Co-ordinate Reference: Well Well #1
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 MD Reference: RKB @ 3096 0ft
 North Reference: True
 Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N-S (ft)	+E-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0 0	0 00	0 00	0 0	0 0	0 0	0 0	0 00	0 00	0 00
100 0	0 00	0 00	100 0	0 0	0 0	0 0	0 00	0 00	0 00
200 0	0 00	0 00	200 0	0 0	0 0	0 0	0 00	0 00	0 00
300 0	0 00	0 00	300 0	0 0	0 0	0 0	0 00	0 00	0 00
400 0	0 00	0 00	400 0	0 0	0 0	0 0	0 00	0 00	0 00
500 0	0 00	0 00	500 0	0 0	0 0	0 0	0 00	0 00	0 00
600 0	0 00	0 00	600 0	0 0	0 0	0 0	0 00	0 00	0 00
700 0	0 00	0 00	700 0	0 0	0 0	0 0	0 00	0 00	0 00
800 0	0 00	0 00	800 0	0 0	0 0	0 0	0 00	0 00	0 00
860 0	0 00	0 00	860 0	0 0	0 0	0 0	0 00	0 00	0 00
13 3/8"									
900 0	0 00	0 00	900 0	0 0	0 0	0 0	0 00	0 00	0 00
1,000 0	0 00	0 00	1,000 0	0 0	0 0	0 0	0 00	0 00	0 00
1,100 0	0 00	0 00	1,100 0	0 0	0 0	0 0	0 00	0 00	0 00
1,200 0	0 00	0 00	1,200 0	0 0	0 0	0 0	0 00	0 00	0 00
1,300 0	0 00	0 00	1,300 0	0 0	0 0	0 0	0 00	0 00	0 00
1,400 0	0 00	0 00	1,400 0	0 0	0 0	0 0	0 00	0 00	0 00
1,500 0	0 00	0 00	1,500 0	0 0	0 0	0 0	0 00	0 00	0 00
1,600 0	0 00	0 00	1,600 0	0 0	0 0	0 0	0 00	0 00	0 00
1,700 0	0 00	0 00	1,700 0	0 0	0 0	0 0	0 00	0 00	0 00
1,800 0	0 00	0 00	1,800 0	0 0	0 0	0 0	0 00	0 00	0 00
1,900 0	0 00	0 00	1,900 0	0 0	0 0	0 0	0 00	0 00	0 00
2,000 0	0 00	0 00	2,000 0	0 0	0 0	0 0	0 00	0 00	0 00
2,100 0	0 00	0 00	2,100 0	0 0	0 0	0 0	0 00	0 00	0 00
2,200 0	0 00	0 00	2,200 0	0 0	0 0	0 0	0 00	0 00	0 00
2,300 0	0 00	0 00	2,300 0	0 0	0 0	0 0	0 00	0 00	0 00
2,400 0	0 00	0 00	2,400 0	0 0	0 0	0 0	0 00	0 00	0 00
2,500 0	0 00	0 00	2,500 0	0 0	0 0	0 0	0 00	0 00	0 00
2,600 0	0 00	0 00	2,600 0	0 0	0 0	0 0	0 00	0 00	0 00
2,700 0	0 00	0 00	2,700 0	0 0	0 0	0 0	0 00	0 00	0 00
2,800 0	0 00	0 00	2,800 0	0 0	0 0	0 0	0 00	0 00	0 00
2,900 0	0 00	0 00	2,900 0	0 0	0 0	0 0	0 00	0 00	0 00
3,000 0	0 00	0 00	3,000 0	0 0	0 0	0 0	0 00	0 00	0 00
3,100 0	0 00	0 00	3,100 0	0 0	0 0	0 0	0 00	0 00	0 00
3,200 0	0 00	0 00	3,200 0	0 0	0 0	0 0	0 00	0 00	0 00
3,300 0	0 00	0 00	3,300 0	0 0	0 0	0 0	0 00	0 00	0 00
3,400 0	0 00	0 00	3,400 0	0 0	0 0	0 0	0 00	0 00	0 00
9 5/8"									
3,500 0	0 00	0 00	3,500 0	0 0	0 0	0 0	0 00	0 00	0 00
3,600 0	0 00	0 00	3,600 0	0 0	0 0	0 0	0 00	0 00	0 00
3,700 0	0 00	0 00	3,700 0	0 0	0 0	0 0	0 00	0 00	0 00
3,800 0	0 00	0 00	3,800 0	0 0	0 0	0 0	0 00	0 00	0 00
3,900 0	0 00	0 00	3,900 0	0 0	0 0	0 0	0 00	0 00	0 00
4,000 0	0 00	0 00	4,000 0	0 0	0 0	0 0	0 00	0 00	0 00
4,100 0	0 00	0 00	4,100 0	0 0	0 0	0 0	0 00	0 00	0 00
4,200 0	0 00	0 00	4,200 0	0 0	0 0	0 0	0 00	0 00	0 00
4,300 0	0 00	0 00	4,300 0	0 0	0 0	0 0	0 00	0 00	0 00
4,400 0	0 00	0 00	4,400 0	0 0	0 0	0 0	0 00	0 00	0 00
4,500 0	0 00	0 00	4,500 0	0 0	0 0	0 0	0 00	0 00	0 00
4,600 0	0 00	0 00	4,600 0	0 0	0 0	0 0	0 00	0 00	0 00
4,700 0	0 00	0 00	4,700 0	0 0	0 0	0 0	0 00	0 00	0 00
4,800 0	0 00	0 00	4,800 0	0 0	0 0	0 0	0 00	0 00	0 00
4,900 0	0 00	0 00	4,900 0	0 0	0 0	0 0	0 00	0 00	0 00

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5,000.0	0.00	0.00	5,000.0	0.0	0.0	0.0	0.00	0.00	0.00
5,100.0	0.00	0.00	5,100.0	0.0	0.0	0.0	0.00	0.00	0.00
5,200.0	0.00	0.00	5,200.0	0.0	0.0	0.0	0.00	0.00	0.00
5,300.0	0.00	0.00	5,300.0	0.0	0.0	0.0	0.00	0.00	0.00
5,400.0	0.00	0.00	5,400.0	0.0	0.0	0.0	0.00	0.00	0.00
5,500.0	0.00	0.00	5,500.0	0.0	0.0	0.0	0.00	0.00	0.00
5,600.0	0.00	0.00	5,600.0	0.0	0.0	0.0	0.00	0.00	0.00
5,700.0	0.00	0.00	5,700.0	0.0	0.0	0.0	0.00	0.00	0.00
5,800.0	0.00	0.00	5,800.0	0.0	0.0	0.0	0.00	0.00	0.00
5,900.0	0.00	0.00	5,900.0	0.0	0.0	0.0	0.00	0.00	0.00
6,000.0	0.00	0.00	6,000.0	0.0	0.0	0.0	0.00	0.00	0.00
6,100.0	0.00	0.00	6,100.0	0.0	0.0	0.0	0.00	0.00	0.00
6,200.0	0.00	0.00	6,200.0	0.0	0.0	0.0	0.00	0.00	0.00
6,300.0	0.00	0.00	6,300.0	0.0	0.0	0.0	0.00	0.00	0.00
6,400.0	0.00	0.00	6,400.0	0.0	0.0	0.0	0.00	0.00	0.00
6,500.0	0.00	0.00	6,500.0	0.0	0.0	0.0	0.00	0.00	0.00
6,600.0	0.00	0.00	6,600.0	0.0	0.0	0.0	0.00	0.00	0.00
6,700.0	0.00	0.00	6,700.0	0.0	0.0	0.0	0.00	0.00	0.00
6,800.0	0.00	0.00	6,800.0	0.0	0.0	0.0	0.00	0.00	0.00
6,900.0	0.00	0.00	6,900.0	0.0	0.0	0.0	0.00	0.00	0.00
7,000.0	0.00	0.00	7,000.0	0.0	0.0	0.0	0.00	0.00	0.00
7,100.0	0.00	0.00	7,100.0	0.0	0.0	0.0	0.00	0.00	0.00
7,200.0	0.00	0.00	7,200.0	0.0	0.0	0.0	0.00	0.00	0.00
7,300.0	0.00	0.00	7,300.0	0.0	0.0	0.0	0.00	0.00	0.00
7,400.0	0.00	0.00	7,400.0	0.0	0.0	0.0	0.00	0.00	0.00
7,458.0	0.00	0.00	7,458.0	0.0	0.0	0.0	0.00	0.00	0.00
7,500.0	5.03	0.00	7,499.9	1.8	0.0	1.8	11.98	11.98	0.00
7,600.0	17.02	0.00	7,597.9	20.9	0.0	20.9	11.98	11.98	0.00
7,700.0	29.00	0.00	7,689.8	59.9	0.0	59.9	11.98	11.98	0.00
7,800.0	40.98	0.00	7,771.6	117.2	0.0	117.2	11.98	11.98	0.00
7,900.0	52.96	0.00	7,839.7	190.1	0.0	190.1	11.98	11.98	0.00
8,000.0	64.94	0.00	7,891.2	275.7	0.0	275.7	11.98	11.98	0.00
8,100.0	76.93	0.00	7,923.8	370.0	0.0	370.0	11.98	11.98	0.00
8,196.6	88.50	0.00	7,936.0	465.6	0.0	465.6	11.98	11.98	0.00
8,200.0	88.50	0.00	7,936.1	469.1	0.0	469.1	0.00	0.00	0.00
8,300.0	88.50	0.00	7,938.7	569.0	0.0	569.0	0.00	0.00	0.00
8,400.0	88.50	0.00	7,941.3	669.0	0.0	669.0	0.00	0.00	0.00
8,500.0	88.50	0.00	7,943.9	769.0	0.0	769.0	0.00	0.00	0.00
8,600.0	88.50	0.00	7,946.6	868.9	0.0	868.9	0.00	0.00	0.00
8,700.0	88.50	0.00	7,949.2	968.9	0.0	968.9	0.00	0.00	0.00
8,800.0	88.50	0.00	7,951.8	1,068.9	0.0	1,068.9	0.00	0.00	0.00
8,900.0	88.50	0.00	7,954.4	1,168.8	0.0	1,168.8	0.00	0.00	0.00
9,000.0	88.50	0.00	7,957.0	1,268.8	0.0	1,268.8	0.00	0.00	0.00
9,100.0	88.50	0.00	7,959.6	1,368.8	0.0	1,368.8	0.00	0.00	0.00
9,200.0	88.50	0.00	7,962.3	1,468.7	0.0	1,468.7	0.00	0.00	0.00
9,300.0	88.50	0.00	7,964.9	1,568.7	0.0	1,568.7	0.00	0.00	0.00
9,400.0	88.50	0.00	7,967.5	1,668.7	0.0	1,668.7	0.00	0.00	0.00
9,500.0	88.50	0.00	7,970.1	1,768.6	0.0	1,768.6	0.00	0.00	0.00
9,600.0	88.50	0.00	7,972.7	1,868.6	0.0	1,868.6	0.00	0.00	0.00
9,700.0	88.50	0.00	7,975.4	1,968.6	0.0	1,968.6	0.00	0.00	0.00
9,800.0	88.50	0.00	7,978.0	2,068.5	0.0	2,068.5	0.00	0.00	0.00
9,900.0	88.50	0.00	7,980.6	2,168.5	0.0	2,168.5	0.00	0.00	0.00
10,000.0	88.50	0.00	7,983.2	2,268.4	0.0	2,268.4	0.00	0.00	0.00
10,100.0	88.50	0.00	7,985.8	2,368.4	0.0	2,368.4	0.00	0.00	0.00

Planning Report

Database: Drilling Database
Company: Permian District
Project: NM - Eddy - Morrow Project
Site: PLU Ross Ranch 6 Federal 1H
Well: Well #1
Wellbore: Wellbore #1
Design: Plan #1

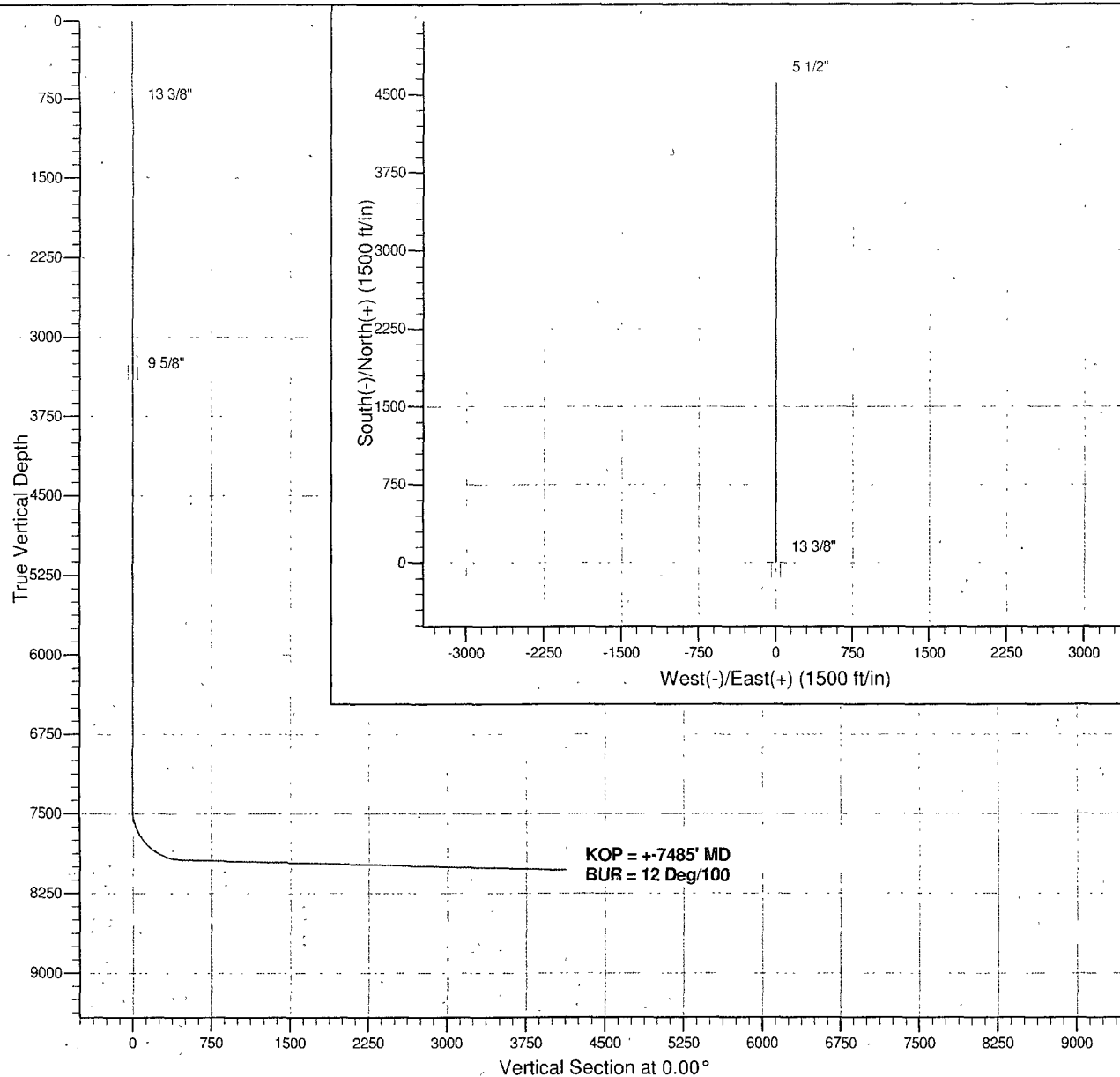
Local Co-ordinate Reference: Well Well #1
TVD Reference: RKB @ 3096 0ft
MD Reference: RKB @ 3096 0ft
North Reference: True
Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N-S (ft)	+E-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
10,200 0	88 50	0 00	7,988 4	2,468 4	0 0	2,468 4	0 00	0 00	0 00
10,300 0	88 50	0 00	7,991 1	2,568 3	0 0	2,568 3	0 00	0 00	0 00
10,400 0	88 50	0 00	7,993 7	2,668 3	0 0	2,668 3	0 00	0 00	0 00
10,500 0	88 50	0 00	7,996 3	2,768 3	0 0	2,768 3	0 00	0 00	0 00
10,600 0	88 50	0 00	7,998 9	2,868 2	0 0	2,868 2	0 00	0 00	0 00
10,700 0	88 50	0 00	8,001 5	2,968 2	0 0	2,968 2	0 00	0 00	0 00
10,800 0	88 50	0 00	8,004 1	3,068 2	0 0	3,068 2	0 00	0 00	0 00
10,900 0	88 50	0 00	8,006 8	3,168 1	0 0	3,168 1	0 00	0 00	0 00
11,000 0	88 50	0 00	8,009 4	3,268 1	0 0	3,268 1	0 00	0 00	0 00
11,100 0	88 50	0 00	8,012 0	3,368 1	0 0	3,368 1	0 00	0 00	0 00
11,200 0	88 50	0 00	8,014 6	3,468 0	0 0	3,468 0	0 00	0 00	0 00
11,300 0	88 50	0 00	8,017 2	3,568 0	0 0	3,568 0	0 00	0 00	0 00
11,400 0	88 50	0 00	8,019 9	3,668 0	0 0	3,668 0	0 00	0 00	0 00
11,500 0	88 50	0 00	8,022 5	3,767 9	0 0	3,767 9	0 00	0 00	0 00
11,600 0	88 50	0 00	8,025 1	3,867 9	0 0	3,867 9	0 00	0 00	0 00
11,700 0	88 50	0 00	8,027 7	3,967 9	0 0	3,967 9	0 00	0 00	0 00
11,800 0	88 50	0 00	8,030 3	4,067 8	0 0	4,067 8	0 00	0 00	0 00
11,900 0	88 50	0 00	8,032 9	4,167 8	0 0	4,167 8	0 00	0 00	0 00
12,000 0	88 50	0 00	8,035 6	4,267 8	0 0	4,267 8	0 00	0 00	0 00
12,100 0	88 50	0 00	8,038 2	4,367 7	0 0	4,367 7	0 00	0 00	0 00
12,200 0	88 50	0 00	8,040 8	4,467 7	0 0	4,467 7	0 00	0 00	0 00
12,300 0	88 50	0 00	8,043 4	4,567 7	0 0	4,567 7	0 00	0 00	0 00
12,346 2	88 50	0 00	8,044 6	4,613 8	0 0	4,613 8	0 00	0 00	0 00

Casing Points

Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (in)	Hole Diameter (in)
860 0	860 0	13 3/8"	13 375	17 500
3,400 0	3,400 0	9 5/8"	9 625	12 250
12,346.2	8,044 6	5 1/2"	5 500	8 750



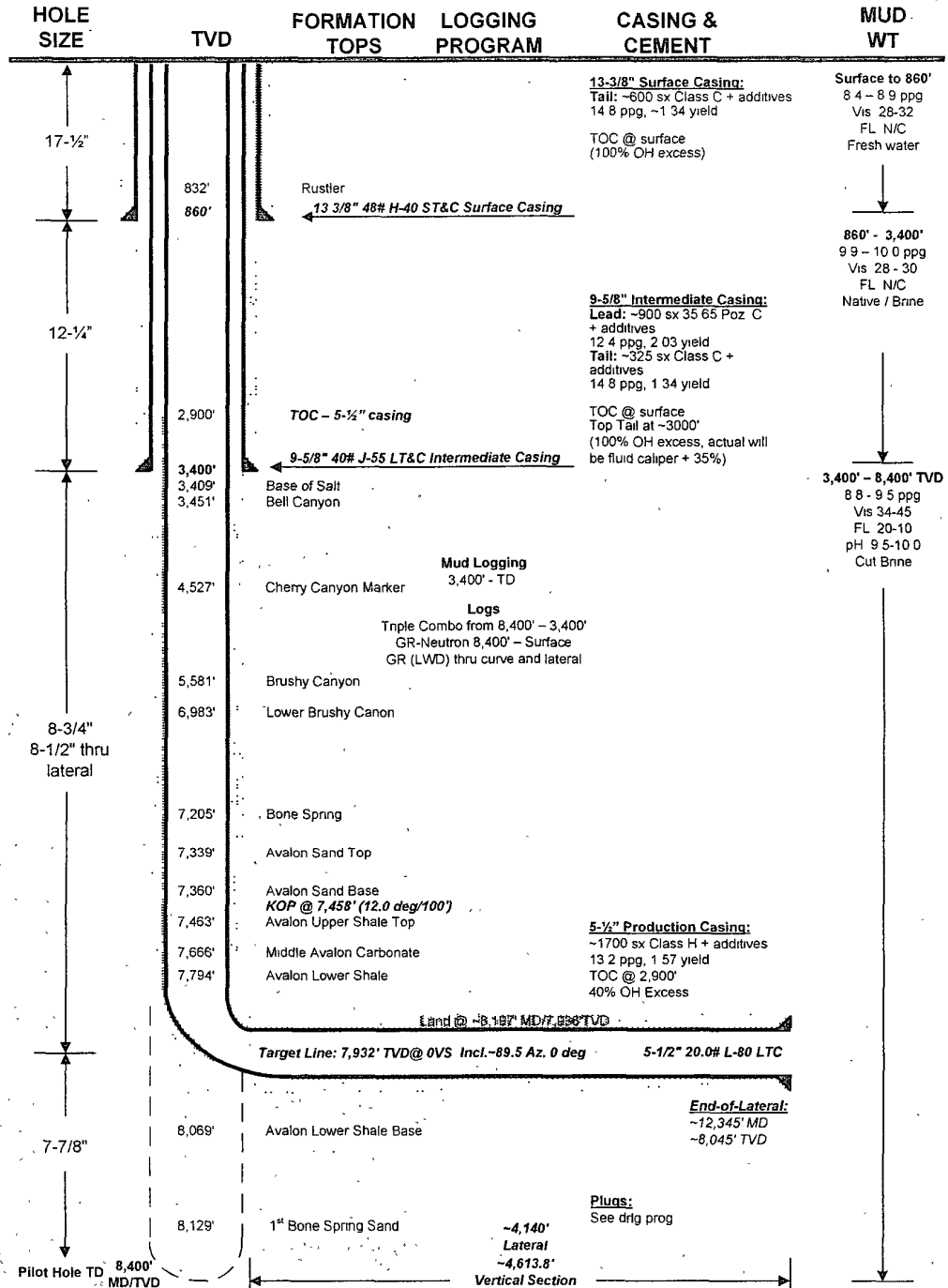
SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	7458.0	0.00	0.00	7458.0	0.0	0.0	0.00	0.00	0.0	
3	8196.6	88.50	0.00	7936.0	465.6	0.0	11.98	0.00	465.6	
4	12346.2	88.50	0.00	8044.6	4613.8	0.0	0.00	0.00	4613.8	

CHESAPEAKE OPERATING INC

Proposed Well Schematic (drilling)

WELL : PLU ROSS RANCH 6 FEDERAL 1H
 SHL : Section 6 - 26S - 30E, 350' FSL & 1880' FEL
 BHL : Section 6 - 26S - 30E, 350' FNL & 1880' FEL
 COUNTY : Eddy
 STATE : New Mexico
 FIELD : Delaware Basin North
 ELEVATION : GL - 3,084' RKB - 3,096' Est.



PREPARED BY: TAN

DATE: 1/13/09

APPROVED BY:

DATE: