

New Mexico Oil Conservation Division, District I
1625 N. French Drive
Albuquerque, NM 88240
UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM 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 ☐ Other

2. Name of Operator **CHESAPEAKE OPERATING, INC. LINDA GOOD 405-767-4275**

3a. Address
P.O. BOX 18496, OKLAHOMA CITY, OK 73154-0496

3b. Phone No. (include area code)
405-848-8000

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SURFACE: 1090 FNL 330 FEL NENE SEC 14-T20S-R35E
BHLOC: 1090 FNL 685 FEL NENE SEC 14-T20S-R35E

5. Lease Serial No.
NMNM16835

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
028NM174290

8. Well Name and No.
NEUHAUS 14 FEDERAL 5

9. API Well No.
30-025-37351

10. Field and Pool, or Exploratory Area
OSUDO WEST MORROW

11. County or Parish, State
LEA COUNTY, NEW MEXICO

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	
	☐ Convert to Injection	☐ Plug Back	☐ 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 recomple 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 recomple 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 ATTACHED THE DIRECTION PLAN FOR THE NEUHAUS 14 FEDERAL 5.

BLM NATIONWIDE BOND #NM2634

(CHK PN 819566)

**SUBJECT TO
LIKE APPROVAL
BY STATE**



14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

LINDA GOOD

Title **PERMITTING AGENT**

Signature

Linda Good

Date

08/05/2005

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

DAVID E. CLARK

PETROLEUM ENGINEER

Date

AUG 08 2005

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)

CHESAPEAKE OPERATING, INC.
Neu Haus '14' Federal

slot #1
UNKNOWN
LEA COUNTY, NEW MEXICO

P R O P O S A L L I S T I N G

by
Baker Hughes INTEQ

Your ref : Plan 1
Our ref : prop4670
License :

Date printed : 4-Aug-2005
Date created : 3-Aug-2005
Last revised : 4-Aug-2005

Field is centred on n32 30 0.000,w103 30 0
Structure is centred on n32 34 38.640,w103 25 11.64

Slot location is n32 34 38.640,w103 25 11.640
Slot Grid coordinates are N 574977.689, E 781375.745
Slot local coordinates are 0.00 N 0.00 E

Projection type: mercator - New Mexico East (3001), Spheroid: Clarke - 1866

Reference North is Grid North

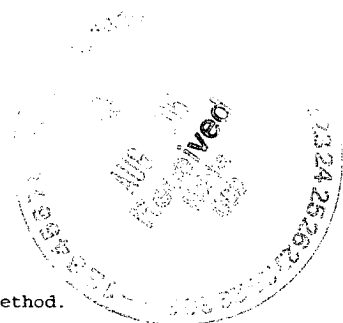


CHESAPEAKE OPERATING, INC.
 Neu Haus '14' Federal, slot #1
 UNKNOWN, LEA COUNTY, NEW MEXICO

PROPOSAL LISTING Page 1
 Your ref : Plan 1
 Last revised : 4-Aug-2005

Measured Depth	Inclin Degrees	Azimuth Degrees	True Vert Depth	R E C T A N G U L A R C O O R D I N A T E S		Dogleg Deg/100ft	Vert Sect	G R I D C O O R D S Easting Northing	
0.00	0.00	90.00	0.00	0.00N	0.00E	0.00	0.00	781375.74	574977.69
500.00	0.00	90.00	500.00	0.00N	0.00E	0.00	0.00	781375.74	574977.69
1000.00	0.00	90.00	1000.00	0.00N	0.00E	0.00	0.00	781375.74	574977.69
1500.00	0.00	90.00	1500.00	0.00N	0.00E	0.00	0.00	781375.74	574977.69
2000.00	0.00	90.00	2000.00	0.00N	0.00E	0.00	0.00	781375.74	574977.69
2500.00	0.00	90.00	2500.00	0.00N	0.00E	0.00	0.00	781375.74	574977.69
3000.00	0.00	90.00	3000.00	0.00N	0.00E	0.00	0.00	781375.74	574977.69
3500.00	0.00	90.00	3500.00	0.00N	0.00E	0.00	0.00	781375.74	574977.69
4000.00	0.00	90.00	4000.00	0.00N	0.00E	0.00	0.00	781375.74	574977.69
4500.00	0.00	90.00	4500.00	0.00N	0.00E	0.00	0.00	781375.74	574977.69
5000.00	0.00	90.00	5000.00	0.00N	0.00E	0.00	0.00	781375.74	574977.69
5500.00	0.00	90.00	5500.00	0.00N	0.00E	0.00	0.00	781375.74	574977.69
6000.00	0.00	90.00	6000.00	0.00N	0.00E	0.00	0.00	781375.74	574977.69
6500.00	0.00	90.00	6500.00	0.00N	0.00E	0.00	0.00	781375.74	574977.69
7000.00	0.00	90.00	7000.00	0.00N	0.00E	0.00	0.00	781375.74	574977.69
7500.00	0.00	90.00	7500.00	0.00N	0.00E	0.00	0.00	781375.74	574977.69
8000.00	0.00	90.00	8000.00	0.00N	0.00E	0.00	0.00	781375.74	574977.69
8500.00	0.00	90.00	8500.00	0.00N	0.00E	0.00	0.00	781375.74	574977.69
9000.00	0.00	90.00	9000.00	0.00N	0.00E	0.00	0.00	781375.74	574977.69
9500.00	0.00	90.00	9500.00	0.00N	0.00E	0.00	0.00	781375.74	574977.69
10000.00	0.00	90.00	10000.00	0.00N	0.00E	0.00	0.00	781375.74	574977.69
10200.00	0.00	90.00	10200.00	0.00N	0.00E	0.00	0.00	781375.74	574977.69
10300.00	2.00	270.00	10299.98	0.00S	1.75W	2.00	1.75	781374.00	574977.69
10400.00	4.00	270.00	10399.84	0.00S	6.98W	2.00	6.98	781368.77	574977.69
10500.00	6.00	270.00	10499.45	0.00S	15.69W	2.00	15.69	781360.05	574977.69
10600.00	8.00	270.00	10598.70	0.00S	27.88W	2.00	27.88	781347.86	574977.69
10700.00	10.00	270.00	10697.47	0.00S	43.52W	2.00	43.52	781332.22	574977.69
10785.64	11.71	270.00	10781.57	0.00S	59.65W	2.00	59.65	781316.09	574977.69
11000.00	11.71	270.00	10991.47	0.00N	103.17W	0.00	103.17	781272.58	574977.69
11500.00	11.71	270.00	11481.05	0.00N	204.67W	0.00	204.67	781171.07	574977.69
11946.68	11.71	270.00	11918.43	0.00N	295.35W	0.00	295.35	781080.40	574977.69
12032.32	10.00	270.00	12002.53	0.00N	311.48W	2.00	311.48	781064.27	574977.69
12132.32	8.00	270.00	12101.30	0.00N	327.12W	2.00	327.12	781048.62	574977.69
12232.32	6.00	270.00	12200.55	0.00N	339.31W	2.00	339.31	781036.44	574977.69
12332.32	4.00	270.00	12300.16	0.00N	348.02W	2.00	348.02	781027.72	574977.69
12432.32	2.00	270.00	12400.02	0.00N	353.25W	2.00	353.25	781022.49	574977.69
12532.32	0.00	270.00	12500.00	0.00N	355.00W	2.00	355.00	781020.74	574977.69
13000.00	0.00	270.00	12967.68	0.00N	355.00W	0.00	355.00	781020.74	574977.69
13332.32	0.00	270.00	13300.00	0.00N	355.00W	0.00	355.00	781020.74	574977.69

All data in feet unless otherwise stated. Calculation uses minimum curvature method.
 Coordinates from structure and TVD from rotary table.
 Bottom hole distance is 355.00 on azimuth 270.00 degrees from wellhead.
 Vertical section is from N 0.00 E 0.00 on azimuth 270.00 degrees.
 Grid is mercator - New Mexico East (3001).
 Grid coordinates in FEET and computed using the Clarke - 1866 spheroid
 Presented by Baker Hughes INTEQ



PROPOSAL LISTING Page 2
Your ref : Plan 1
Last revised : 4-Aug-2005

				Comments in wellpath
MD	TVD	Rectangular Coords.		=====
				Comment
12532.32	12500.00	0.00N	355.00W	Target Morrow
13332.32	13300.00	0.00N	355.00W	TD

Targets associated with this wellpath					
=====					
Target name	Geographic Location	T.V.D.	Rectangular	Coordinates	Revised

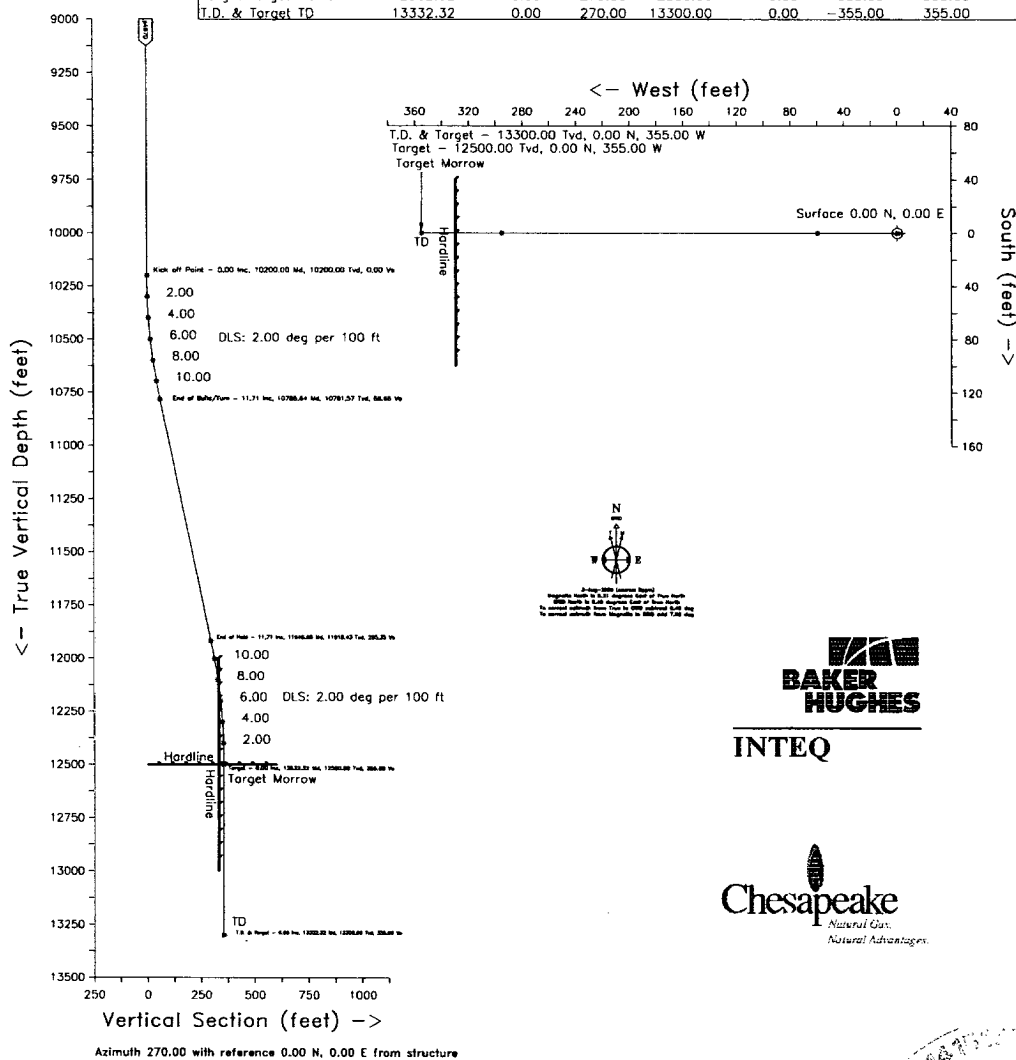
Target Morrow		12500.00	0.00N	355.00W	3-Aug-2005
TD		13300.00	0.00N	355.00W	3-Aug-2005



Structure : Neu Haus '14' Federal	Slot : slot #1
Field : UNKNOWN	Location : LEA COUNTY, NEW MEXICO

Created by adrynm
Date plotted : 4-Aug-2005
Plot Reference is Plot 1.
Coordinates are in feet reference structure.
True Vertical Depths are reference structure.

----- Point -----	MD	Inc	Dir	TVD	North	East	V. Sect	Deg/100
Tie on	0.00	0.00	90.00	0.00	0.00	0.00	0.00	0.00
KOP	10200.00	0.00	90.00	10200.00	0.00	0.00	0.00	0.00
End of Build/Turn	10785.64	11.71	270.00	10781.57	0.00	-59.65	59.65	2.00
End of Hold	11946.68	11.71	270.00	11918.43	0.00	-295.35	295.35	0.00
Target Target Morrow	12532.32	0.00	270.00	12500.00	0.00	-355.00	355.00	2.00
T.D. & Target TD	13332.32	0.00	270.00	13300.00	0.00	-355.00	355.00	0.00



**BAKER
HUGHES**

INTEQ

Chesapeake
Natural Gas.
Natural Advantages.