

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103

October 13, 2009

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

RECEIVED

MAR 18 2010

NOBBSUCD

SUNDRIES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS)		WELL API NO. 30-025-28715 ✓
1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☒		5. Indicate Type of Lease STATE ☐ FEE ☒
2. Name of Operator Chesapeake Operating, Inc. ✓		6. State Oil & Gas Lease No.
3. Address of Operator 421 Marti Drive Cleburne, TX 76033		7. Lease Name or Unit Agreement Name Lister ✓
4. Well Location Unit Letter B : 660 feet from the North line and 1830 feet from the East line Section 13 Township 16S Range 35E NMPM County Lea ✓		8. Well Number 2 ✓
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3966GR		9. OGRID Number 147719 ✓
		10. Pool name or Wildcat Shoe Bar; Wolfcamp, North ✓

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☒
 TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
 PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
 DOWNHOLE COMMINGLE ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
 COMMENCE DRILLING OPNS. ☐ P AND A ☐
 CASING/CEMENT JOB ☐

OTHER: ☐OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Chesapeake Operating, Inc., respectfully, request permission to plug and abandon this well as per the attached Procedure.

The Oil Conservation Division **Must be notified**
24 hours prior to the beginning of plugging operations

Spud Date:

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Brenda Coffman TITLE Sr.Reg.Comp.Spec. DATE 03/18/2010Type or print name Brenda Coffman E-mail address: brenda.coffman@chk.com PHONE: (817)556-5825

For State Use Only

APPROVED BY: [Signature] TITLE STAFF MGR DATE 3-25-10

Conditions of Approval (if any):



Lister #2
Plug and Abandonment
Lea County, NM

Current Wellbore Information

TD: 11,562' PBD: 11,215'

Casing Data

Casing	OD	Weight	Grade	Depth Set	TOC
Surface	13-3/8"	54.5#	K-55	418'	Surface
Intermediate	8-5/8"	24# & 28#	S-80 & K-55	4,150'	Surface
Production	5-1/2"	17# & 20#	S-95, N-80 & K-55	11,562'	8,030'

Pressure and Dimensional Data

Size	Weight	Grade	Drift	Collapse	Burst	80% Burst
13-3/8"	54.5#	K-55	12.459	1,130	2,730	2,184
8-5/8"	24# & 28#	S-80 & K-55	7.972	1,370	2,950	2,360
5-1/2"	17# & 20#	S-95, N-80 & K-55	4.767	4,910	5,320	4,256

Existing Perforations

Perfs	Top Perf	Bottom Perf	Status
Wolfcamp	10,444'	10,530'	Open
Strawn	11,323'	11,378'	Abandoned

Other In Hole

OIH	Size	Location
CIBP	5-1/2"	11,215'

Formation Tops

Formation	Location
T. Rustler	1,946'
T. Yates	3,155'
T. Queen	4,003'
T. San Andres	4,779'
T. Glorieta	6,296'
T. Tubb	7,510'
T. Abo	8,218'
T. Wolfcamp	9,595'
Strawn	11,308'
Atoka	11,431'

T. SALT @ 1800'

GL: 3,966' KB: 13' KB Height: 3,979'

Procedure

1. Notify the NM OCD 24 hours in advance prior to commencing plug and abandonment operations.
2. Hold PJSA meeting prior to beginning work each morning and as required for specific operations.
3. Prep location. Check anchors and clean area for workover.
4. Rack and tally 374 joints of 2-7/8", 6.5#, N-80 Oil Dog workstring.

5. MIRU workover rig. ND WH. POH w/ pump and rods. NU and test 5k BOP.
6. POH w/ production tubing (laying down).
7. RU wireline and set a 5-1/2" CIBP @ +/- 10,400'. RIH w/ workstring and spot a 35' cement plug on top of the CIBP @ +/- 10,400'. PUH, WOC and tag plug. (Top of Strawn Perfs @ 10,444')
8. RIH w/ a 5-1/2" CIBP and set @ +/-9,595'. RIH w/ workstring and spot a 35' cement plug on top of the CIBP @ +/-9,595'. PUH, WOC and tag plug. (Top of Wolfcamp @ 9,595')
9. RIH w/ a 5-1/2" CIBP and set @ +/-8,200'. RIH w/ workstring and spot a 35' cement plug on top of the CIBP @ +/-8,200'. PUH, WOC and tag plug. (Top of Abo @ 8,218')
10. RIH w/ a 5-1/2" CIBP and set @ +/-6,250'. RIH w/ workstring and spot a 35' cement plug @ +/-6,250'. PUH, WOC and tag plug. (Top of Glorieta @ 6,296')
11. Perforate casing w/ 4 squeeze holes @ 4,200' and squeeze a 100' (25 sxs minimum) cement plug inside and out. WOC and tag plug. (8-5/8" Casing Shoe @ 4,150')
12. ^APerforate casing w/ 4 squeeze holes @ 3,150' and squeeze a 100' (25 sxs minimum) cement plug inside and out. WOC and tag plug. (Top of Yates @ 3,155')
12. *B Perf # SQ 25 SX CMT @ 1800' WOC - TAG*
13. Perforate casing w/ 4 squeeze holes @ 468' and squeeze a 100' (25 sxs minimum) cement plug inside and out. WOC and tag plug. (13-3/8" Casing Shoe @ 418')
14. Perforate casing w/ 4 squeeze holes @ 73' and squeeze a cement plug inside and out. Circulate to surface. Top off casing. POH.
15. RDMO. Install dry hole marker and cut off dead man. Restore location.

Contacts

Production Foreman
 Steve Serna
 Office: 575-391-1462
 Cell: 575-390-9053

Asset Manager
 Kim Henderson
 Office: 405-935-8583
 Cell: 405-312-1840



Proposal - Workover

LISTER 2

Field: NORTH SHOE BAR STRAWN
County: LEA
State: NEW MEXICO
Location: SEC 13, 16S-35E, 660 FNL & 1829 FEL
Elevation: GL 3,966.00 KB 3,979.00
KB Height: 13.00

Spud Date: 5/10/1984
Initial Compl. Date:
API #: 3002528715
CHK Property #: 891024
1st Prod Date: 6/1/1984
PBSD: Original Hole - 11215.0
TD: 11,562.0

