

Submit 1 Copy To Appropriate District
Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
October 13, 2009

RECEIVED
JUN 02 2010
HOBBS
CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

SUNDRY NOTICES 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 PROPOSAL S.)		WELL API NO. 30-025-24473
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 P.O. Box 18496 Oklahoma City, OK 73154-0496		7. Lease Name or Unit Agreement Name Hilburn
4. Well Location Unit Letter E : 1980' feet from the North line and 660' feet from the West line Section 13 Township 16S Range 35E NMPM County Lea		8. Well Number 1
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3967' GR		9. OGRID Number 147179
		10. Pool name or Wildcat Shoe Bar; Wolfcamp, N & Shoe Bar; Stawn, N.

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. plans to plug & abandon this well.

Please find the plug and abandonment procedure, actual & proposed well-bore diagram, and NMOCD's C-144 (CLEZ) pit permit.

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 Bryan Arrant TITLE Senior Regulatory Compl. Sp. DATE 06/01/2010

Type or print name Bryan Arrant E-mail address: bryan.arrant@chk.com PHONE: (405)935-3782

For State Use Only

APPROVED BY: [Signature] TITLE STAFF MGR DATE 6-7-10

Conditions of Approval (if any):

THE OIL CONSERVATION DIVISION MUST
BE NOTIFIED 24 HOURS PRIOR TO THE
BEGINNING OF PLUGGING OPERATIONS



**Hilburn #13-1
Plug and Abandonment
Lea County, NM**

Current Wellbore Information

TD: 12,015' PBD: 11,620'

Casing Data

Casing	OD	Weight	Grade	Depth Set	TOC
Surface	13-3/8"	48#	H-40	448'	Surface
Intermediate	8-5/8"	36#	NA	4,798'	3,200'
Production	5-1/2"	17# & 20#	N-80 & K-55	12,014'	7,600'

Pressure and Dimensional Data

Size	Weight	Grade	Drift	Collapse	Burst	80% Burst
13-3/8"	48#	H-40	12.559	770	1,730	1,384
8-5/8"	36#	-	-	-	-	-
5-1/2"	17# & 20#	N-80 & K-55	4.767	4,910	5,320	4,256

Existing Perforations

Perfs	Top Perf	Bottom Perf	Status
Wolfcamp	10,398'	10,469'	Open
Strawn	11,289'	11,356'	Open
Morrow	11,700'	11,870'	Abandoned

Other In Hole

OIH	Size	Location
CIBP	5-1/2"	11,620'

Formation Tops

Formation	Location
T Salt	1,950'
B Salt/T Yates	3,134'
T Queen	3,993'
T San Andres	4,754'
T Glorieta	6,282'
T Tubb	7,515'
T Abo	8,206'
T Wolfcamp	9,566'
T Strawn	11,275'
T Atoka	11,388'
T Miss	11,942'

GL: 3,967' KB: 13' KB Height: 3,980'

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 388 joints of 2-7/8", 6.5#, N-80 workstring.

5. MIRU workover rig. ND WH. NU and test 5k BOP.
6. RU wireline and set a 5-1/2" CIBP @ +/- 11,264'. RIH w/ workstring and spot a 35' cement plug on top of the CIBP @ +/- 11,264'. PUH, WOC and tag plug. (Top of Strawn Perfs @ 11,289')
7. RU wireline and set a 5-1/2" CIBP @ +/- 10,375'. RIH w/ workstring and spot a 35' cement plug on top of the CIBP @ +/- 10,375'. PUH, WOC and tag plug (Top of Wolfcamp Perfs @ 10,398')
8. RIH w/ workstring and spot a 100' (25 sxs minimum) cement plug @ 8,150'. PUH, WOC and tag plug. (Top of Abo @ 8,206')
9. Perforate casing w/ 4 squeeze holes @ 6,250' and squeeze a 100' (25 sxs minimum) cement plug inside and out. WOC and tag plug. (Top of Glorieta @ 6,282')
10. Perforate casing w/ 4 squeeze holes @ 4,848' and squeeze a 100' (25 sxs minimum) cement plug inside and out. WOC and tag plug. (8-5/8" Casing Shoe @ 4,798')
11. Perforate casing w/ 4 squeeze holes @ 3,100' and squeeze a 100' (25 sxs minimum) cement plug inside and out. WOC and tag plug. (Top of Yates/Base of Salt @ 3,134')
12. Perforate casing w/ 4 squeeze holes @ 1,900' and squeeze a 100' (25 sxs minimum) cement plug inside and out. WOC and tag plug. (Top of Salt @ 1,950')
13. Perforate casing w/ 4 squeeze holes @ 498' and squeeze a 100' (25 sxs minimum) cement plug inside and out. WOC and tag plug. (13-3/8" Casing Shoe @ 448')
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

HILBURN 13-1

Field: NORTH SHOE BAR STRAWN
County: LEA
State: NEW MEXICO
Location: SEC 13, 16S-35E, 1980 FNL & 660 FWL
Elevation: GL 3,967.00 KB 3,980.00
KB Height: 13.00

Spud Date: 8/2/1973
Initial Compl. Date:
API #: 3002524473
CHK Property #: 891013
1st Prod Date: 9/30/1973
PBTD: Original Hole - 11620.0
TD: 12,015.0

