

Submit 3 Copies 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  
June 19, 2008

RECEIVED

OCT 26 2009

HOBBS

CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

WELL API NO. 30-025-04880 ✓
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Pech State ✓
8. Well Number 2 ✓
9. OGRID Number 147179 ✓
10. Pool name or Wildcat Jalmat; (Tansill-Yates-Seven Rivers) ✓
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3615' GR

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 PROPOSALS.)	
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	
2. Name of Operator Chesapeake Operating, Inc.	
3. Address of Operator P.O. Box 18496 Oklahoma City, OK 73154-0496	
4. Well Location Unit Letter K : 1880' feet from the South line and 1980' feet from the West line Section 32 Township 21S Range 36E NMPM County Lea	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3615' GR	

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 ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

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

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 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Please find the following information in plans to plug and abandon this well:

Plug & 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 10/22/2009

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

For State Use Only

APPROVED BY: Mark Whitaker TITLE Compliance Officer DATE 10/29/2009

Conditions of Approval (if any):

Oil Conservation Division - Hobbs office **Must be Notified**  
**24 hours prior to the beginning of Plugging Operations begin**



**Pech State #2  
Plug and Abandonment  
Lea County, NM**

**Current Wellbore Information**

TD: 3,910' PBTD: 3,890'

Casing	OD	Weight	Grade	Depth Set	TOC
Surface	8-5/8"	24#	J-55	310'	Surface
Production	5-1/2"	14#	J-55	3,910'	2,200'

Perfs	Top Perf	Bottom Perf	Status
Yates	3,300'	3,445'	Squeezed
Seven Rivers-Queen	3,790'	3,879'	Open

OIH	Size	Location
DV Tool	5-1/2"	1,587'

Formation Tops	Location
Top of Salt	1,680'
Bottom of Salt	2,915'
Top of Yates	3,275'
Top of 7 Rivers	3,527'

GL: 3,615' KB: 10' KB Height: 3,625'

**Procedure**

1. Notify the NM OCD 24 hours in advance prior to commencing plug and abandonment operations.
2. Hold Tailgate Safety meeting prior to beginning work each morning and as required for specific operations.
3. Rack and tally 131 joints of 2-3/8" N-80 workstring.
4. Prepare location. Test anchors.
5. MIRU PU. NDWH. POH w/ pump and rods. NU BOP. POH w/ tubing.
6. RIH to <sup>3750'</sup> 3,265' and spot <sup>255x</sup> a 100' cement plug. PUH, WOC and tag plug. (Top of Yates Perfs @ 3,315')
7. Load well with plugging mud and pressure up to 500# and test for leak-off.
8. PUH to <sup>255x</sup> 2,965' and spot a 100' cement plug. PUH, WOC, and tag plug. (Base of Salt @ 2,915')
9. Perforate casing w/ 4 squeeze holes @ <sup>1630'</sup> 1,730' and <sup>50#</sup> spot a 200' cement plug inside and out. WOC and tag plug. (DV Tool @ 1,587' and Top of Salt @ 1,680'). <sup>25 SX MIN</sup>
10. Perforate casing w/ 4 squeeze holes @ 360' and squeeze <sup>25 SX</sup> a 100' cement plug ~~inside and out~~. Wait on cement and tag plug. (8-5/8" Casing shoe @ 310')
11. Perforate casing w/ 4 squeeze holes @ 70' and squeeze a cement plug to surface inside and out. POH w/ tubing. Top off casing.
12. RDMO. Install dry hole marker and cut off dead man. Restore location.

## **Contacts**

Production Foreman  
Greg Skiles  
Office: 575-391-1462  
Cell: 575-631-1663

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



# Proposal - Workover

## PECH STATE 2

Field: JALMAT (YATES, 7R)  
County: LEA  
State: NEW MEXICO  
Location: SEC 32, 21S-36E, 1880 FSL & 1980 FWL  
Elevation: GL 3,615.00 KB 3,625.00  
KB Height: 10.00

Spud Date: 11/25/1956  
Initial Compl. Date:  
API #: 3002504880  
CHK Property #: 891038  
1st Prod Date: 12/1/1976  
PBTD: Original Hole - 3890.0  
TD: 3,910.0

