

RECEIVED

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

WELL API NO.	30-02533532
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	Jordan State
8. Well Number	1
9. OGRID Number	147179
10. Pool name or Wildcat	Mescalero; Cisco, Northeast
11. Elevation (Show whether DR, RKB, RT, GR, etc.)	4200' 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 ☒ Gas Well ☐ 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 B : 660' feet from the North line and 1650' feet from the East line  
Section 12 Township 10S Range 32E NMPM County Lea

## 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: Add perfs ☒

### 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 procedure to add perforations in the Bough "B" of the Cisco formation along with 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 09/24/2009

Type or print name Bryan Arrant

E-mail address: byran.arrant@chk.com

PHONE: (405)935-3782

For State Use Only

APPROVED BY:

*[Signature]*

TITLE

PETROLEUM ENGINEER

DATE

OCT 14 2009

Conditions of Approval (if any):



**Jordan State #1  
Bough B Recompletion  
Lea County, NM**

**Current Wellbore Information**

TD: 9,250' PBD: 8,888'

Casing	OD	Weight	Grade	Depth Set	TOC
Surface	13-3/8"	48#	H40	400'	Surface
Intermediate	8-5/8"	32#	J55	3,597'	Surface
Production	5-1/2"	17#	N80 & J55	9,250'	5,600'

Perfs	Top Perf	Bottom Perf	Status	SPF	Total Holes
Bough C	8,833'	8,838'	Producing	2	10
Bough C	8,851'	8,857'	Producing	2	12
Bough D	8,898'	8,905'	Plugged	2	14

OIH	Size	Location
Cement Retainer	5-1/2"	8,888'

GL: 4,200' KB: 18' KB Height: 4,216'

**Procedure**

Hold Tailgate Safety meeting prior to beginning work each morning and as required for specific operations.

1. Prep location. Check anchors and clean area for workover.
2. Rack and tally work string consisting of 8,888' of 2-7/8, 6.5#, J-55 tubing.
3. MIRU workover rig. ND WH. NU and test BOP.
4. RU wireline unit. RIH w/ bit and scraper to 8,888'. POH.
5. RIH w/ CBP and set @ +/- 7,000' and test casing to 3,500# for 15 minutes to test casing integrity.
6. PU bit and work string and TIH to DO CBP @ +/- 7,000 and clean out to PBD @ 8,888'. Circulate hole clean. TOH.
7. Install Frac Frac Valve and lubricator. MU 4" HSC Perforating Guns loaded 2 spf w/ 120 degree phasing (23 g minimum charges) and RIH. Correlate to the attached log dated 10/01/1996 and perforate the Bough B as follows:

Formation	Interval	SPF	Total Shots
Bough B	8,801' – 8,804'	2 spf	8
Bough B	8,779' – 8,782'	2 spf	8
Total	25'		16

POOH w/ tubing and perforating guns and verify all shots fired. RDMO Wireline.

8. RD Lubricator. RU Treating Company and pump a total of 4,000 gallons of 15% NEFE acid dropping 57 perf balls throughout the job. Flush acid to bottom perf w/ 2% KCL. SI and wait 1 hour. See attached acid procedure.
9. RIH w/ bit and scraper to PBTD @ 8,888' to clear perfs.
10. RU frac service and frac Bough B perfs 8,779' – 8,804' (16 holes). Frac per attached procedure. (5-1/2" 17# J55 & N80 Internal Yield = 5,320 psi) Record ISIP-5-10-15 min pressures. RDMO frac equipment.
11. PU bit and work string and TIH to clean out to PBTD @ 8,888'. Circulate hole clean. TOH.
12. Swab well to determine productivity.
13. TIH with production tubing and SN. Set seat nipple at 8,864' (below perfs).
14. ND BOP. NU WH. TIH with pump and rods. Fill tubing and space out pump accordingly. Verify pump action. Place well on test.
15. RDMO workover rig. Clean 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