

Submit 1 Copy To Appropriate District
Office
District I
1625 N. French Dr., Hobbs, NM 88210
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
RECEIVED
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103
October 13, 2009

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.)		WELL API NO. 30-025-27668 ✓
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/> ✓
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 Dewey
4. Well Location Unit Letter <u>G</u> : <u>2310'</u> feet from the <u>North</u> line and <u>2310'</u> feet from the <u>East</u> line Section <u>5</u> Township <u>20S</u> Range <u>38E</u> NMPM County <u>Lea</u>		8. Well Number <u>2</u> ✓
11. Elevation (Show whether DR, RKB, RT, GR, etc) 3582' GR		9. OGRID Number 147179 ✓
		10. Pool name or Wildcat Nadine; Drinkard, W Nadine & Paddock- Blinby, west ✓

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 to plug and abandon this well.

Please find the plug and abandonment procedure, actual and 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 04/21/2010

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 4-26-10

Conditions of Approval (if any):

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



**Dewey #2-5
Plugging Procedure
Lea County, NM**

Current Wellbore Information

TD: 7,150' PBD: 7,000'

Casing	OD	Weight	Grade	Depth Set	TOC
Surface	8-5/8"	24#	J-55	1,500'	Surface
Production	5-1/2"	15.5# & 17#	J-55	7,150'	3,510'

Perfs	Top Perf	Bottom Perf	Status
Blinbry	5,974'	6,075'	Open
Drinkard	6,907'	6,951'	Open
Drinkard Lwr	7,021'	7,042'	Abandoned
Drinkard Lwr	7,109'	7,123'	Abandoned

OIH	Size	Location
Cement Plug	5-1/2"	5,078'
Cement Plug	5-1/2"	6,489'
CIBP	4-1/2"	7,000'
CIBP	4-1/2"	7,080'

Formation Tops

Formation	Location
T. Anhy	1,565'
T. Salt	1,652'
Base of Salt	2,678'
T. Yates	2,822'
T. Queen	3,633'
T. San Andres	4,196'
T. Glorieta	5,486'
T. Blinbry	5,964'
T. Tubb	6,494'
T. Drinkard	6,875'

GL: 3,582' KB: 15' KB Height: 3,597'

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 331 joints of 2-7/8", 6.5#, N-80 workstring.
5. MIRU workover rig. ND WH. NU and test 5k BOP.
6. Perforate casing w/ 4 squeeze holes @ 2,822' and squeeze a 100' cement plug (25 sxs minimum) inside and out. WOC and tag plug. (Top of Yates @ 2,822')
7. Perforate casing w/ 4 squeeze holes @ 2,678' and squeeze a 100' cement plug (25 sxs minimum) inside and out. WOC and tag plug. (Base of Salt @ 2,678')

8. Perforate casing w/ 4 squeeze holes @ 1,652' and squeeze a 200' (50 sxs minimum) cement plug inside and out. WOC and tag plug. (Top of Salt @ 1,652' and 8-5/8" Casing Shoe @ 1,500')
9. Perforate casing w/ 4 squeeze holes @ 75' and squeeze a cement plug inside and out. Circulate to surface. Top off casing. POH.
10. 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

DEWEY 2-5

Field: W Nadine Paddock-Blinebry & West
County: LEA
State: NEW MEXICO
Location: SEC 5, 20S-38E, 2310 FNL & 2310 FEL
Elevation: GL 3,582.00 KB 3,597.00
KB Height: 15.00

Spud Date: 12/9/1981
Initial Compl. Date:
API #: 3002527668
CHK Property #: 890228
1st Prod Date: 1/31/2001
PBTD: Original Hole - 7000.0
TD: 7,150.0

