



M.M. Oil Cons. DIV-Dist. 2 1301 W. Grand Avenue

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
Artesia, NM 88210

MAY - 6 2009

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

5. Lease Serial No.
NMNM35925

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.
DANA 4 FEDERAL 13

2. Name of Operator
CHESAPEAKE OPERATING INC

Contact: LINDA GOOD
E-Mail linda.good@chk.com

9. API Well No.
30-005-63709-00-S1

3a. Address
2010 RANKIN HWY
MIDLAND, TX 79701

3b. Phone No. (include area code)
Ph: 405-935-4275

10. Field and Pool, or Exploratory
PECOS SLOPE-ABO

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 4 T9S R25E NWSE 1980FSL 1980FEL

11. County or Parish, and State
CHAVES COUNTY, NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input checked="" type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

CHESAPEAKE, RESPECTFULLY, REQUESTS PERMISSION TO RECOMPLETE THIS WELL IN THE TUBB FORMATION PER THE FOLLOWING (AND ATTACHED) PROCEDURE.

PROCEDURE:

1. TEST ANCHORS
2. MIRU PULLING UNIT. NDWH NUBOP.
3. MIRU WIRELINE. RIH W/3.875" GAUGE RING AND JUNK BASKET TO PBTD @ 3,884'. TOH.
4. RIH AND PERF TUBB FORMATION. CORRELATE TO THE LOG DATED FEBRUARY 21, 2005.

PROPOSED TOP BOTTOM

14. I hereby certify that the foregoing is true and correct. Electronic Submission #69232 verified by the BLM Well Information System For CHESAPEAKE OPERATING INC, sent to the Roswell Committed to AFMSS for processing by DAVID GLASS on 04/22/2009 (09DG0301SE)	
Name (Printed/Typed) LINDA GOOD	Title SR. REGULATORY COMPLIANCE SPEC
Signature (Electronic Submission)	Date 04/22/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By DAVID R GLASS	Title PETROLEUM ENGINEER	Date 04/23/2009
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office Roswell

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

Additional data for EC transaction #69232 that would not fit on the form

32. Additional remarks, continued

PERFS PERF PERF SPF
TUBB 3012 3020 2
TUBB 3023 3034 2
TUBB 3039 3050 2
TUBB 3066 3074 2
TUBB 3201 3232 2
TUBB 3235 3240 2
TUBB 3310 3317 2
TUBB 3364 3369 2
TUBB 3394 3399 2

5. RIH W/TREATING PACKER AND TUBING. SET PACKER @ 2,987'. ACIDIZE THE TUBB WITH 4,700 BBL 15% NEFE DROPPING 270 BALLS THROUGHOUT JOB. SI AND RECORD ISIP - 5 MIN, 10 MIN, 15 MIN PRESSURES.
6. SWAB BACK ACID JOB AND MONITOR FOR TRACES OF HYDROCARBONS.
7. IF THE SWAB RESULTS SHOW HYDROCARBONS THEN FRAC THE TUBB FORMATION.
8. RIH W/PACKER AND RBP. SET RBP @ +/-3,450'. DUMP SAND ON RBP. PUH TO 3,150' AND SET PACKER. FRAC LOWER TUBB PER ATTACHED FRAC RECOMMENDATION. SI AND RECORD ISIP - 5 MIN, 10 MIN, 15 MIN PRESSURES. FLOW WELL BACK UNTIL IT DIES.
9. RELEASE PACKER. RIH AND RETRIEVE RBP. PUH TO 3,150'. SET RBP @ 3,150'. DUMP SAND ON RBP. PUH TO 3,075' AND SET PACKER. FRAC UPPER TUBB PER ATTACHED FRAC RECOMMENDATION. SI AND RECORD ISIP - 5 MIN, 10 MIN, 15 MIN PRESSURES. FLOW WELL BACK UNTIL IT DIES.
10. RELEASE PACKER. RIH AND RETRIEVE RBP. POOH W/PLUG AND PACKER.
11. RIH W/PRODUCTION TUBING AND SN. SET SN @ S,912'. NDBOP NUWH. ROD DESIGN WILL FOLLOW.
12. RDMO.

(CHK PN 819533)



**Dana 4 Federal 13
Recomplete to the Tubb Formation
Chaves, NM**

Current Wellbore Information

Casing	OD	Weight	Grade	Depth Set	TOC
Surface	8 5/8	24#	J-55	1,002'	Surface
Production	4 1/2	11.6#	J-55	4,209'	1,110'

Perfs	Top Perf	Bottom Perf	Status	SPF
Abo	3,950'	3,968'	SI	1
Lower Abo	3,990'	4,029'	SI	1

GL: 3,595' KB: 10' KB Height: 3,605'

Procedure

1. Test anchors
2. MIRU pulling unit. NDWH NUBOP.
3. MIRU wireline. RIH w/ 3.875" gauge ring and junk basket to PBTD @ 3,884'. TOH.
4. RIH and Perf Tubb formation. Correlate to the log dated February 21, 2005.

Proposed Perfs	Top Perf	Bottom Perf	SPF
Tubb	3012	3020	2
Tubb	3023	3034	2
Tubb	3039	3050	2
Tubb	3066	3074	2
Tubb	3201	3232	2
Tubb	3235	3240	2
Tubb	3310	3317	2
Tubb	3364	3369	2
Tubb	3394	3399	2

5. RIH w/ treating packer and tubing. Set packer @ 2,987'. Acidize the Tubb with 4,700 bbl 15% NEFE dropping 270 balls throughout job. SI and record ISIP – 5min, 10min, 15min pressures.
6. Swab back acid job and monitor for traces of hydrocarbons.
7. If the swab results show hydrocarbons then frac the Tubb formation.
8. RIH w/ packer and RBP. Set RBP @ +/-3,450'. Dump sand on RBP PUH to 3,150' and set packer. Frac Lower Tubb per attached frac recommendation. SI and record ISIP – 5min, 10min, 15min pressures. Flow well back until it dies.
9. Release packer. RIH and retrieve RBP. PUH to 3,150'. Set RBP @ 3,150'. Dump sand on RBP. PUH to 3,075' and set packer. Frac Upper Tubb per attached frac recommendation. SI and record ISIP – 5min, 10min, 15min pressures. Flow well back until it dies.
10. Release packer. RIH and retrieve RBP. POOH W/ plug and packer.
11. RIH w/ production tubing and SN. Set SN @ 2,912'. NDBOP NUWH. Rod design will follow.
12. RDMO.

Contacts

Workover Foreman

Lynard Barrera

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Production Foreman

Steve Serna

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Production Engineer

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