

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000

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.
NMSF080245

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.

8. Well Name and No.
HAMNER 3A

9. API Well No.
30-045-23478-00-D1

10. Field and Pool, or Exploratory
BLANCO MV / BASIN DAKOTA

11. County or Parish, and State
SAN JUAN COUNTY, NM

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator
CONOCO INC
Contact: DEBORAH MARBERRY
E-Mail: deborah.a.marberry@conoco.com

3a. Address
PO BOX 2197, DU 3084
HOUSTON, TX 77252-2197
3b. Phone No. (include area code)
Ph: 832.486.2326
Fx: 832.486.2717

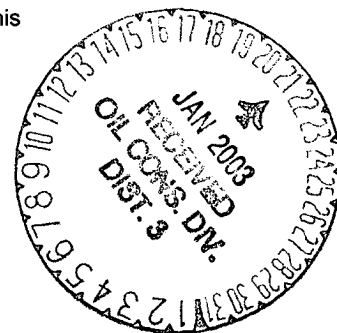
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 29 T29N R9W SWNW 1545FNL 0990FWL
36.69930 N Lat, 107.80650 W Lon

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 recompleat 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 recompleat 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.)

Conoco received approval in 1996 to downhole commingle this well. The procedure to accomplish this has changed. Attached is the new procedure to repair and commingle.



14. I hereby certify that the foregoing is true and correct.
**Electronic Submission #16442 verified by the BLM Well Information System
For CONOCO INC, sent to the Farmington
Committed to AFMSS for processing by Matthew Halbert on 01/16/2003 (03MXH0353SE)**

Name (Printed/Typed) DEBORAH MARBERRY

Title SUBMITTING CONTACT

Signature (Electronic Submission)

Date 11/26/2002

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

/s/ Jim Lovato

Title

Date

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

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.

**** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ****

NMOC

Packer Leakage Test Failure
Hamner 3-A
API 30-045-23478
29N-9W-29-E
Lat: 36°41'57.47" Long: 108°11'36.60"

Objective: The Hamner 3A is a dual Mesa Verde and Dakota well which failed a packer leakage test on 8/23/02. Communication seen between the Mesa Verde and Dakota formations indicate the well has a hole in the Dakota tubing. The objective of this workover is to pull the Mesa Verde and Dakota tubing strings, drill out the packer, and re-run the Dakota tubing, replacing any bad joints. The Mesa Verde and Dakota will be commingled and put on plunger lift.

Well Information: Spud Date: 10/24/79 TD: 6640' PBTD: 6611'

Surface Casing: 9 5/8" – 36.00 lb/ft; K-55; 5 joints set at 227'
Surface/Intermediate Casing Annulus – 0.0297 bbls/ft
(1.2478 gal/ft)
Capacity – 0.0773 bbls/ft (3.247 gal/ft)
Drift diameter – 8.765"; ID- 8.921"
Cement circulated to surface w/ 165 sxs

Intermediate Casing: 7" – 23.00 lb/ft; K-55; 123 joints set at 4730'
Intermediate/Production Casing Annulus – 0.0197 bbls/ft
(0.8273 gal/ft)
Capacity – 0.0397 bbls/ft (1.6701 gals/ft)
Drift diameter – 6.241"; ID- 6.366"
1st stage cement top 3700' (est) w/ 480 sxs
DV tool set at 3660'
2nd stage cement top 3150' (est) w/ 600 sxs

Production Liner: 4 1/2" – 10.5 lb/ft K-55; 51 joints from 4585'-
6638'
Capacity – 0.0159 bbls/ft (or 0.6699 gal/ft)
Drift Diameter – 3.927"; ID-4.052"
Cement circulated; 4585'-6638' w/ 200 sxs

Tubing: Dakota: 2 3/8" – 4.70 lb/ft; J-55; 203 joints set at 6380'
Capacity - 0.00387 bbls/ft (or 0.1624 gals/ft)
Drift diameter – 1.901"; ID- 1.995"
7 Blast joints across Mesa Verde
Packer-4" Baker Model F(ID-2.390") set at
6380' in 01/80
Mesa Verde: 2 3/8" – 4.70 lb/ft; J-55; set at 4012'
Capacity - 0.00387 bbls/ft (or 0.1624 gals/ft)
Drift diameter – 1.901"; ID- 1.995"

Perforations: Mesa Verde:
Menefee: 4016'-4080'

Packer Leakage Test Failure
Hamner 3-A

15. Pull up with 2 3/8" production tubing and **land tubing at approximately +/- 6500'** (top Dakota perfs). Drift tubing while running in hole to insure of no crimped tubing and the ability to run a plunger.
16. Nipple down BOP and nipple up wellhead. Connect plunger lift equipment.
17. Make a plunger run on the Dakota formation to verify plunger will surface before rigging down. Swab well if necessary to kick well off.
18. Rig down pulling unit.
19. Connect to sales and notify operator (Mike Pena) to resume production on the well.

Prepared by: Jennye Pusch
November 7, 2002

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Procedure:

1. Hold pre-job safety meeting and review work procedures and assignments with all employees and visitors on location.
 - Ensure all personnel have proper personal protective equipment.
 - Emergency procedures and evacuation plans noted.
 - Review all MSDS and chemical safety information.
2. Prepare location for work. Test deadmen anchors.
3. Move in and rig up pulling unit.
4. Kill well with minimum 2% KCL water if not already dead. Kill water should be treated with biocide.
5. ND wellhead and NU and pressure test BOP.
6. POOH and LD with Mesa Verde 2 3/8" short string with F nipple 1 joint off bottom.
7. Pull out of Baker F permanent packer located at 6380' and POOH, standing back with 2 3/8" long string with blast joints. Tally and inspect tubing while pulling out. Any damaged joints should be replaced.

****Note the location of any holes in the Dakota tubing string and report findings to Houston. If holes are below Mesa Verde perforation depth (bottom perf-4414') pressure testing the casing may not be required.**
8. RIH with 2 3/8" tubing and packer milling tool and mill out permanent packer at 6380'. (4 " Baker Model F; ID-2.390"). POOH.

If pressure testing the casing is required:

9. RIH with 2 3/8" retrievable bridge plug and packer and test for casing leaks. Set RBP at 6460' and test plug. Test casing from top of Dakota perfs to bottom of Mesa Verde perfs. (Top of DK perfs-6480'; MV perfs from 4016'-4414'). Liner top located at 4585'. If casing does not test, contact Houston for squeeze recommendation.
10. If casing tests between the Mesa Verde and Dakota, RIH with retrieving head and retrieve RBP at 6450'.
11. RIH with RBP and packer. Set RBP at 4000' and test casing above MV perfs (MV top-4016'). The RBP must be set below the cement top estimated to be at 3700' (DV tool at 3660'). If casing does not test, contact Houston for squeeze recommendation.
12. If casing tests, RIH with retrieving head and retrieve RBP at 4000'.
13. RIH with 2 3/8" tubing and seating nipple and tag for fill (PBTD at 6611'; bottom perf at 6586').
14. If fill is present, clean out to PBTD.

Point Lookout:
Dakota:

4358'-4414'
6480'-6586'