Submit 3 Copies to Appropriate District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

P.O.Box 2088
Santa Fe, New Mexico 87504-2088

WELL API NO. 3004522782

5. Indicate Type of Lease STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

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.)

7. Lease Name or Unit Agreement Name: McCoy Gas Com "A"

1. Type of Well: OIL WELL ☐ GAS WELL ☒ OTHER

2. Name of Operator: Amoco Production Company — Attention: Patty Haefele

8. Well No.: 1A

3. Address of Operator: P.O. Box 800 Denver Colorado 80201 (303) 830-4988

9. Pool name or Wildcat: Blanco Mesaverde

4. Well Location
Unit Letter F : 1845 Feet From The North Line and 1670 Feet From The West Line

Section 18 Township 31N Range 10W NMPM San Juan County

10. Elevation *(Show whether DF, RKB, RT, GR, etc.)* 4900' GL, 4912' KB

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐		CASING TEST AND CEMENT JOB ☐	
OTHER: Bradenhead Repair ☒		OTHER: ☐	

12. 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.

Amoco Production Company requests permission to perform a bradenhead repair per the attached procedures.

RECEIVED
AUG 16 1995
OIL CON. DIV.
DIST. 3

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Patty Haefele TITLE Staff Assistant DATE 08-14-1995

TYPE OR PRINT NAME Patty Haefele TELEPHONE NO. (303) 830-4988

(This space for State Use)

APPROVED BY Johnny Robinson TITLE DEPUTY OIL & GAS INSPECTOR, DIST. #3 DATE AUG 16 1995

CONDITIONS OF APPROVAL, IF ANY:
Notify in time to witness

McCOY GAS COM /A/ #1A

VERSION: #1
Date: July 11, 1995
Budget: DRA/Repair Well
Repair Type: Bradenhead Remediation

OBJECTIVES:

1. Remediate steady flow of clear water to insure zonal isolation behind casing
2. Place well back on production

PERTINENT INFORMATION:

Location:	1845' FNL x 1670' FWL, F18-T31N-R10W	Horizon:	MV
County:	San Juan	API #:	30-045-22782
State:	New Mexico	Engr:	Kutas
Lease:	Fee	Phone:	H--(303)840-3700
Well Flac:	973798		W--(303)830-5159
			P--(303)553-6334

ECONOMIC EVALUATION:

APC WI:	70%	MV	Prod. Before Repair:	540	MCFD
Estimated Cost:	$38,800	MV	Anticipated Prod.:	540	MCFD
Payout:	6 Months				
Max Cost -12 Mo. P.O.	$82M				
PV15:	$M				
Max Cost PV15:	$M				

Note: Economics will be run on all projects that have a payout exceeding ONE year.

FORMATION TOPS: (Estimated formation tops)

Nacimento:		Menefee:	4278-4688'
Ojo Alamo:		Point Lookout:	4688'-TD
Kirtland Shale:		Mancos Shale:	
Fruitland:		Gallup:	
Pictured Cliffs:	2472-2520'	Graneros:	
Lewis Shale:	2520-4182'	Dakota:	
Cliff House:	4182-4278'	Morrison:	

BRADENHEAD TEST INFORMATION:

Test Date: 6/07/95 Tubing: 158 psi Casing: 190 psi BH: 25 psi

Time	BH	CSG	INT	CSG
5 min	0	000	N/A	000
10 min	0	000	N/A	000
15 min	0	000	N/A	000

DETAILED PROCEDURE:

1. Contact Federal or State agency prior to starting repair work.

2. Catch gas and/or water sample off of bradenhead and casing, and have analyzed.

3. Install and/or test anchors.

4. MIRUSU. Check and record tubing, casing and bradenhead pressures.

5. Blow well down. Attempt to work well hot. Kill well with 2% KCL if needed to work on well safely.

6. Nipple down well head, nipple up and pressure test BOP's.

7. Trip in the hole and tag PBTD, check for fill, trip and tally out of hole with tubing checking condition of tubing.

8. Trip in the hole with bit and scraper for the intermediate casing and trip in to the top of the liner. Trip out of the hole with bit and scraper. Trip in hole with second bit and scraper and run from the top of the liner to the top of the perforations. A seating nipple and standing valve may be run in order to pressure test the tubing.

9. Trip in the hole with RBP and PKR. Set RBP 50-100 ft. above perforations. Trip out of hole one joint and set PKR and pressure test RBP to 1500 psi. Release PKR, spot sand on RBP and pressure test csg to 1000 psi. If no leak is found, trip out of hole with PKR and skip to step 11.

10. Trip out of hole isolating leak in liner, if any. If a liner leak is found, establish injection rate and check for circulation around liner top. Also, determine if there is a leak above the top of the liner. Trip out of hole with PKR.

11. Determine from well file and history, the interval a CBL needs to be run between the RBP and the surface. If a CBL is needed, run CBL over the interval necessary under 1000 psi and report results to Denver. Different size CBL tools may be required in the liner versus the intermediate casing.

12. If there are no casing leaks, skip to step 14.

13. If there is a leak in the liner and a leak above the top of the liner, trip in hole with a RBP that fits the liner and a PKR that fits the intermediate casing. Set RBP 30-60' below the top of the liner. Release PKR and trip out of hole isolating leak in the intermediate casing.

14. Based on the location of the leak, if any, and the results of the CBL, perforate casing if necessary with 4 JSPF and circulate dye if possible to determine cement volume. Depending on the depth of the hole and circulating pressure, a PKR or a cement retainer may be needed.

15. Mix and pump sufficient cement (class B or equivalent with two hour setting time) to circulate to surface, if circulation to surface is possible. Shut bradenhead valve and attempt to obtain a squeeze pressure and WOC.

16. Trip out of hole. Trip in the hole with bit and scraper and drill out cement and pressure test casing. Re-squeeze leaks if casing fails pressure test.

17. If cement is not circulated to the surface, it may be necessary to run another CBL (and/or temperature survey 8-10 hours after cementing) and repeat steps 14 thru 16.

18. Trip in the hole with retrieving head for RBP, circulate sand off of RBP and trip out of hole with plug.

19. If there is a leak in the liner top, trip in hole with a PKR. If there is no leak in the liner top, skip to step 22.

20. Mix and pump sufficient cement (class B or equivalent with two hour setting time) to squeeze liner top. Attempt to obtain a squeeze pressure and WOC.

21. Trip in the hole with bit and scraper and drill out cement and pressure test casing. Re-squeeze leak if liner top fails pressure test.

22. If there is a second RBP in the liner, trip in the hole with a retrieving head, circulate sand off of the RBP and trip out of hole with the plug.

23. If there is a leak in the liner or squeeze work is required based on the CBL, perforate casing, if necessary with 4 JSPF. Trip in hole with a cement retainer and set above the leak or perforations.

24. Mix and pump sufficient cement (class B or equivalent with two hour setting time) and attempt to obtain a squeeze pressure and WOC.

25. Trip in the hole with bit and scraper and drill out cement and pressure test casing. Re-squeeze leaks if casing fails pressure test.

26. Trip in the hole with retrieving head for RBP set in the liner, circulate sand off of RBP with 2% KCL and trip out of hole with plug.

27. Trip in hole with a sawtooth collar and/or bailer and clean out to PBTD and trip out of hole. Visit with Bill Mohon regarding re-running plunger lift equipment.

28. Trip in the hole with the production string (1/2 mule shoe on bottom and a seating nipple one joint off bottom), land tubing to original depth. Nipple down BOP's, nipple up well head.

29. Swab well in and put well on production.

30. Rig down move off service unit.

31. Take final bradenhead pressures and log date/pressures in CRWS.

If problems are encountered, please contact:

Mike Kutas
(W) (303) 830-5159
(H) (303) 840-3700
