

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

OIL CONSERVATION DIVISION
P.O. Box 2088

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

Santa Fe, New Mexico 87504-2088

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

WELL API NO.	3004525521
5. Indicate Type of Lease	STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name	Abrams Gas Com J
8. Well No.	1
9. Pool name or Wildcat	Bloomf'd/Ch/Arm/GP
10. Elevation (Show whether DF, RKB, RT, GR, etc.)	5540' GL

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 <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>
2. Name of Operator	Amoco Production Company
Attention:	Lois Raebrun
3. Address of Operator	P.O. Box 800 Denver Colorado 80201 (303) 860-5294
4. Well Location	Unit Letter I : 1615 Feet From The South Line and 1115 Feet From The East Line
Section	29
Township	29N
Range	10W
NMPM	San Juan
County	

10. Elevation (Show whether DF, RKB, RT, GR, etc.)	5540' GL
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11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
PLUG AND ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
CHANGE PLANS <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>
OTHER: Bradenhead Repairs <input checked="" type="checkbox"/>	OTHER: <input checked="" type="checkbox"/>

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.

Amoxo Productions Company request permission to preform Bradenhead Repairs on the above mentioned well.

See attachement for procedures.

If you have any questions please contact Lois Raebrun (303) 830-5294

RECEIVED
APR 11 1994
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 Lois Raebrun TITLE Business Asst. DATE 04-04-1994
TYPE OR PRINT NAME Lois Raebrun TELEPHONE NO. (303) 830-4912

(This space for State Use)

APPROVED BY Charles Sholom DEPUTY OIL & GAS INSPECTOR, DIST. 3 DATE APR 11 1994

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED
JAN 10 1964

U.S. DEPARTMENT OF
THE ARMY

Workover Procedure
Abrams Gas Com I & J #1
Sec.29-T29N-R10W
San Juan County, NM

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. * RECHECK BRADENHEAD TO CONFIRM PROBLEM
3. Install and/or test anchors.
4. MIRUSU. Check and record tubing, casing and bradenhead pressures.
5. Blow well down, kill well if necessary with 2% KCL. USE AS LITTLE Kill Fluid AS POSSIBLE
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. NOT POSSIBLE... Prod PKR w/Prod. : VENT STRING
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. } 7" LINER
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. CK PERFS @ 2786-2910'
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. *DO NOT CLEANOUT IF SUFFICIENT RAT HOLE EXISTS BELOW BITM PLUGS*
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.

OBJECTIVES : ① REPAIR BRADENHEAD

② REMOVE VENT STRING

③ ELIMINATE PERFORATED PRODUCTION SUBS ON CK & MV PRODUCTION STRINGS

④ SET PRODUCTION STRINGS @ MID PERFS

CK @ ~ 2895'

MV @ ~ 5500'

RE-SET PROD PKR

CHACRA PERFORATIONS:
2786'-2802'
2876'-2910'

7" LINER TOP @ 3248'

PRODUCTION PKR @ 5080'
2 1/16" GALLUP VENT TBG @ 5087'

4 1/2" LINER TOP @ 5135'

GALLUP PERFORATIONS:
5314'-5690'

BRIDGE PLUG @ 5740'
TD 5778'
PBD 5740'

CENTRALIZERS SET ABOVE FLOAT AND SHOE AND EVERY OTHER JOINT AT THE FOLLOWING
INTERVALS: 3430'-3210'.

13 3/8" CSG SET @ 315'
X 743 FT³ OF CLASS B
"NEAT" CMT TO SURFACE

2 3/8" CHACRA TBG @ 2887'

9 5/8" CSG SET @ 3454' X
590 FT³ OF CLASS B "NEAT"
CMT X 1232 FT³ OF CLASS B
50:50 POZ, 6% GEL X 2%
MED TUF PLUG X .8% FLA.
CMT TO SURFACE.

7" CSG SET @ 5304' X 118
FT³ OF CLASS B "NEAT" CMT
X 539 FT³ OF CLASS B
50:50 POZ, 6% GEL X 2%
MED TUF PLUG X .8% FLA.
CMT TOP @ 3248'

2 3/8" GALLUP PRODUCTION
TBG @ 5490'

LINER

4 1/2" LINER SET @ 5763' X
177 FT³ OF CLASS B "NEAT"
CMT. CMT TO 5135'

Amoco Production Company

SCALE: