

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. 30-045-08670
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 Archuleta Gas Com "A"
8. Well No. #1
9. Pool name or Wildcat Blanco Mesaverde

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
2. Name of Operator Amoco Production Company Attn: J.L. Hampton
3. Address of Operator P.O. Box 800 Denver, Colorado 80201
4. Well Location Unit Letter <u>K</u> : <u>1510</u> Feet From The <u>South</u> Line and <u>1510</u> Feet From The <u>West</u> Line Section <u>5</u> Township <u>29N</u> Range <u>9W</u> NMPM San Juan County
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 5596' GR

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"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <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: <u>Bradenhead Repair</u> <input checked="" type="checkbox"/>		OTHER: <input 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.

Amoco intends to perform the attached workover procedure to eliminate bradenhead pressure.

RECEIVED
FEB 19 1992
OIL CON. DIV.
DIST. 3

Please contact Cindy Burton (303) 830-5119 if you have any questions.

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

SIGNATURE J.L. Hampton TITLE Sr. Staff Admin. Supr. DATE 2/17/92
TYPE OR PRINT NAME J.L. Hampton TELEPHONE NO. _____

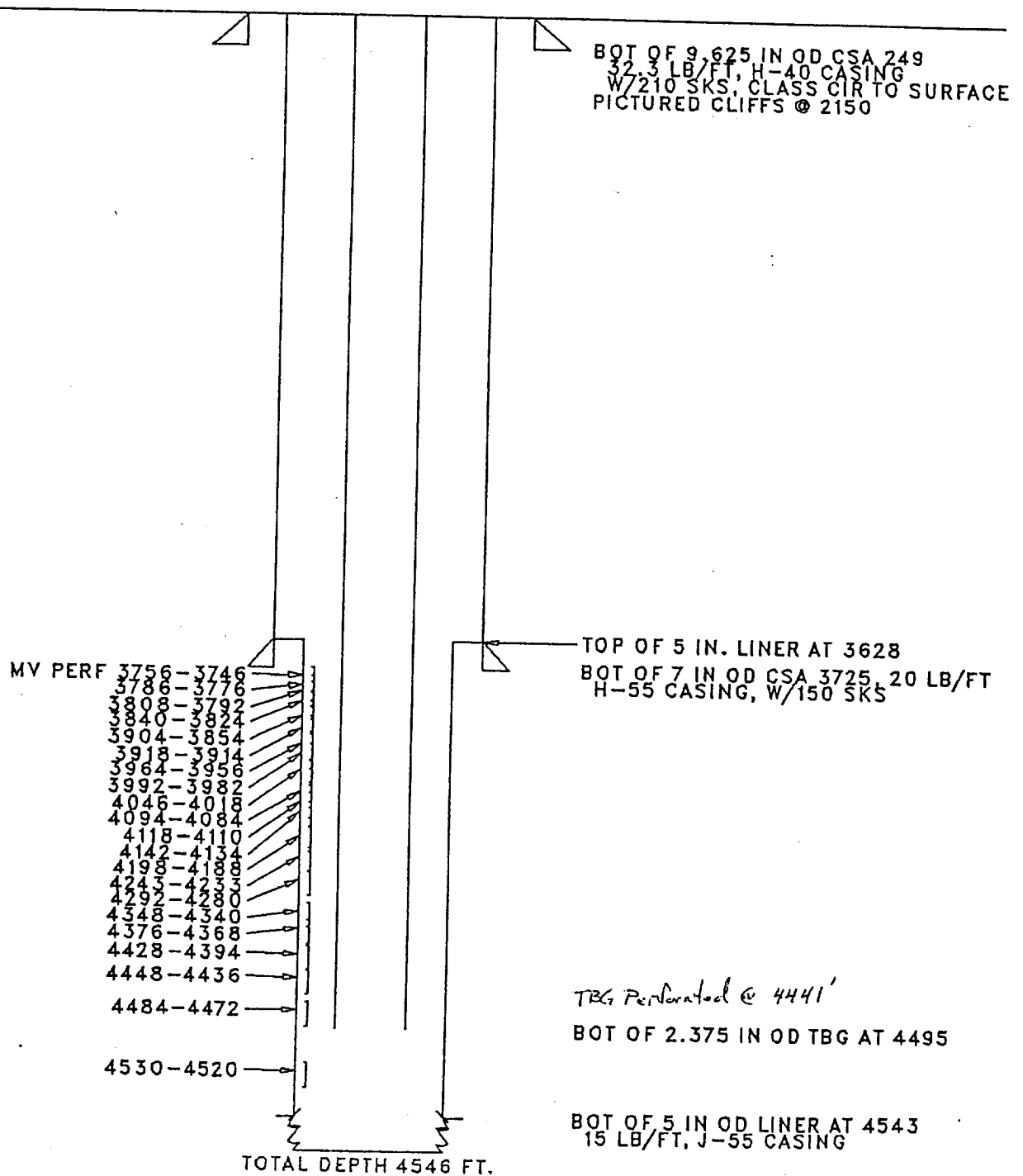
(This space for State Use)

Original Signed by CHARLES GHOLSON

APPROVED BY _____ TITLE DEPUTY OIL & GAS INSPECTOR, DIST. #3 DATE FEB 19 1992

CONDITIONS OF APPROVAL, IF ANY:

ARCHULETA GC A #1
 LOCATION, K05-29N-09W
 SINGLE MV
 ORIGINAL COMPLETION 3/54
 LAST FILE UPDATE 10/91 BY CSW



Workover Procedure
Archuleta GC A #1
Sec.05-T29N-R09W
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.
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.
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.
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.

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1000 Rio Brazos Rd., Las Alamos, NM 87410

OIL CONSERVATION DIVISION

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

WELL API NO.	30-045-08670
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6. State Oil & Gas Lease No.	

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2. Name of Operator Amoco Production Company Attn: John Hampton	8. Well No. #1
3. Address of Operator P.O. Box 800, Denver, Colorado 80201	9. Pool name or Wildcat Blanco Mesaverde
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TEMPORARILY ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
OTHER: <u>Bradenhead Repair</u> <input checked="" type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
	CASING TEST AND CEMENT JOB <input type="checkbox"/>
	OTHER: <u>Bit Repair</u> <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.

Please see attachment for procedures.

RECEIVED
OCT 07 1992
OIL CON. DIV
DIST. 2

If you have any questions, contact Julie Acevedo at (303) 830-6003.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.	
SIGNATURE <u>J L Hampton</u>	TITLE <u>Sr. Staff Admin. Supv.</u> DATE <u>10-5-92</u>
TYPE OR PRINT NAME <u>John Hampton</u>	
TELEPHONE NO.	

(This space for State Use)

APPROVED BY Original Signed by CHARLES GHOLSON DEPUTY OIL & GAS INSPECTOR, DIST. #3 DATE OCT 07 1992

COMPLETION OF APPROVAL, IF ANY:

ARCHULETA GAS COM /A/ #1
3/18/92 -3/31/92

MIRUSU. PMP 80 BBLS 2% KCL. CHG OUT SCREW. NDWH & NUBOPS. PR TST BLIND & PIPE RAMS. OK. PULL & STAND 60 JTS. PMP 140 BBLS 2% KCL. WELL DEAD. PULL 20 STANDS WELL KICKED. UNABLE TO KILL. BLOW BACK TO TANK. PMP & TOH. PULL 144 JNTS 2-3/8 TBG. RI WLE. RUN GAUGE RING & JUNK BASKET TO 3625'. RUN & SET RET PLUG AT 3578'. RD WLE. PMP 40 BBLS. LET SIT. BLEED OFF GAS. TIH W/ 50 STANDS. ATTEMPT TO CIRC HOLE. PMP TOTAL OF 160 BBLS W/ NO RTNS. TOH. TIH W/ PKR. WORK PKR. SET PKR TO PR TST CSNG. CAN'T TEST. PMP 3 BPM AT 200PSI. TOH W/ PKR. RUN IMPRESSION BLOCK ON TBG. CSG COULD BE CURLED. TIH LATCH ONTO RET PLUG. TOH. RIH W/ RET PLUG & SET IN LINER AT 3840'. TOH. TIH W/ PKR. PLUG SET IN PERFS. PULL UP & SET PLUG ABOVE PERFS. PULL PLUG & PKR. LAY DWN PLUG & PKR. RI WLE, INSPECTION AS FOLLOWS: 0-1720 - CSG OK. 1720-1740 - WEAK SPOT. 1740-3333 - CSG. 3333-3334 - POSSIBLE HOLE. 3335-3500 - CSG OK. 3500-3638 - MANY HOLES - 3638 LINER TOP. 3638-4500 - MANY HOLES, CSG POOR. MAKE UP PKR TYPE PLUG & TIH ON 2 3/8 TBG. SET PLUG AT 3275'. TOH. TIH W/ PKR. CIRC HOLE TO 2% KCL. SET PKR 2475'. PR TST PLUG & CSG TO 1000PSI. TOH W/ PKR. RI WLE. RUN CBL-VDL-GR-CCL LOG FROM 3200'-SURF. BOND AS FOLLOWS: 0-430 - NO CMT. 430-1200 - FAIR TO GOOD BOND. 2100-2810 - NO CMT. 2810-3200 - GOOD BOND. RIH & SHOOT 2 HOLES AT 430'. RD WLE. PMP 55 BBLS WTR W/ DYE. DYE WTR RTNS. WTR GAS CUT. PMP 425 SXS OILWELL PLUS 2% CACL2 @ 2.2 BPM AT 150 PSI. GOT 12 BBLS GOOD CMT RTNS. MAKE UP 6-1/4" BIT ON 8-4-3/4 COLLARS & TIH W/ 2-3/8 TBG. TAG CMT @ 308'. RU SWIVEL. BREAK CIRC & DRL CMT TO 418'. CIRC HOLE CLEAN. PR TST CSG TO 500PSI. HELD. TOH & STAND COLLARS. TIH TO 494'. PMP 57 SXS CLASS B CMT W/ 2% CACL. TOH. PRESS UP ON CSG TO 500PSI. TAG CMT @ 240'. DRL CMT TO 495'. PR TST CSG TO 500PSI. TOH. LAY DWN DRL COLLARS. TIH W/ RET HD. TAG UP ON SAND @ 3560'. WASH TO RBP @ 3578'. PULL RBP & TOH & LAY DWN TOOLS. TIH W/ COLLAR & SEATING NIPPLE. TAG UP @ 4538'. PU & LAND 2 3/8" TBG @ 4387'. ND BOPS. NUWH. SWAB. RDMOSU.