

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.
30-045-23047
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (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	7. Lease Name or Unit Agreement Name  NYE LS
2. Name of Operator AMOCO PRODUCTION COMPANY ATTN: ED HADLOCK	8. Well No. 1A
3. Address of Operator P.O. BOX 800, DENVER CO 80201 (303) 830-4982	9. Pool name or Wildcat BLANCO MESAVERDE
4. Well Location Unit Letter <u>O</u> : <u>1080</u> Feet From The <u>SOUTH</u> Line and <u>1590</u> Feet From The <u>EAST</u> Line Section <u>23</u> Township <u>31N</u> Range <u>11W</u> NMPM <u>SAN JUAN</u> County	
10. Elevation (Show whether DF, RKB, RT, GR, etc.)	

11.

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

**NOTICE OF INTENTION TO:**

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐  
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐  
PULL OR ALTER CASING ☐  
OTHER: BRADENHEAD REPAIR/PERF & FRAC ☒

**SUBSEQUENT REPORT OF:**

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐  
CASING TEST AND CEMENT JOB ☐  
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 INTENDS TO REPERFORATE POINT LOOKOUT AND MENEFEES SANDS, AND PERFORATE AND FRAC THE CLIFF HOUSE FORMATION. IN ADDITION, BRADENHEAD GAS FLOW WILL BE ELIMINATED.

**RECEIVED**  
FEB 12 1993  
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 Ed Hadlock TITLE BUSINESS ANALYST DATE 2/10/93  
TYPE OR PRINT NAME ED HADLOCK TELEPHONE NO. (303) 830-4982

(This space for State Use)

APPROVED BY Original Signed by CHARLES GHOLSON TITLE DEPUTY OIL & GAS INSPECTOR, DIST. #3 DATE FEB 12 1993  
CONDITIONS OF APPROVAL, IF ANY:

NYE LS # 1A  
SECTION 230-31N-11W  
SAN JUAN COUNTY, NM  
WORKOVER PROCEDURES

OBJECTIVE: ELIMINATE BRADENHEAD HEAD GAS FLOW, REPERFORATE POINT LOOKOUT AND MENEFEE ZONES, PERFORATE AND FRAC THE CLIFF HOUSE FORMATION.

1. RECORD TUBING, CASING AND BRADENHEAD PRESSURES.
2. LOCATE ANCHORS X TEST. INSTALL ANCHORS, IF NECESSARY.
3. MI X RUSU.
4. BLOW DOWN WELL.
5. NDWH. <sup>up</sup> NUBOP.
6. PICK <sup>up</sup> TBG X TAG PBTD OF 5004'. TOO H W/2-3/8" TBG. VISUALLY INSPECT X REPLACE BAD JOINTS.
7. RIH W/SCRAPER TO TOP OF 4.5" LINER AT 2553. POOH.
8. RIH W/RBP X PKR X SET RBP AT 2530'. PULL UP ONE STAND, SET PKR X TEST PLUG TO 1000 PSIG.
9. TEST BACKSIDE TO 2175 (??KS CASING??) PSIG. IF BACKSIDE TESTS OK, CONTINUE. OTHERWISE, ISOLATE BAD CASING X ESTABLISH RATE X PRESSURE INTO LEAK. CONTACT SANDI BRAUN (X5245) W/RESULTS.
10. RUWL X RUN GR/CCL/CBL FROM RBP TO SURFACE AT 0 PSIG. CORRELATE TO SCHLUMBERGER'S FORMATION DENSITY LOG DATED 1/25/79.
11. PRESSURE UP ON CASING TO 1000 PSIG X RERUN LOG. RDWL.
12. FAX LOG RESULTS TO SANDI BRAUN AT X4777.
13. RIH W/RETRIEVING HEAD X LATCH ONTO RBP X POOH.
14. SWAB FLUID LEVEL DOWN TO 4000'.
15. RIH W/3-3/8" CSG GUN AND PERFORATE THE FOLLOWING INTERVALS W/2 JSPF AND 90 DEGREE PHASING:

INTERVAL	NO. OF FEET	NO. OF SHOTS
4300-08	8	16
4328-37	9	18
4398-4405	7	14
4442-50	8	16
4504-14	10	20
4570-4602	32	64
4612-42	30	60
4662-70	8	16
4694-98	4	8
4710-14	4	8
4862-70	8	16
TOTAL	128	256

16. RIH W/RBP X SET AT 4250. CAP W/10' SAND.
17. LOAD HOLE X PRESSURE TEST CSG X LINER TO 2175 (??) PSIG.
18. SWAB FLUID LEVEL DOWN TO 3700'.
19. RIH W/3-3/8" CSG GUN X PERFORATE THE FOLLOWING INTERVALS

W/2 JSPF X 90 DEGREE PHASING:

INTERVAL	NO. OF FEET	NO. OF SHOTS
3952-72	20	40
3988-94	6	12
3999-4006	7	14
4010-15	5	10
4058-4100	42	84
4106-20	14	28
4143-52	9	18
4155-63	8	16
4182-92	10	20
4202-11	9	18
TOTAL	130	260

20. FRAC THE ABOVE PERFS PER THE ATTACHED FRAC SCHEDULE.
21. SHUT-IN WELL 4 HOURS.
22. FLOW WELL BACK ON 1/2" CHOKE.
23. CLEAN OUT TO RBP W/N2.
24. CONTINUE TO FLOW WELL BACK UNTIL WELL CLEANS UP.
25. DEPENDING ON EARLIER RESULTS, MAY DO UPHOLE  
REMEDIAL CEMENT WORK AT THIS POINT.
26. RIH W/RETRIEVING HEAD X LATCH ONTO RBP X POOH.
27. CLEAN OUT W/N2 TO PBTD OF 5004' IF NECESSARY.
28. RIH W/MULESHOE, 1 JT 2-3/8" TBG, SEAT NIPPLE, X  
REMAINING TBG. LAND TBG AT 4700'.
29. RD X MOSU. CLEAN LOCATION.
30. FLOW TEST WELL.
31. TURN WELL OVER TO PRODUCTION.

NYE LS 001A 1681  
 Location - 230- 31N-11W  
 SINGLE MV  
 Orig. Completion - 2/79  
 Last File Update - 1/89 by DDM

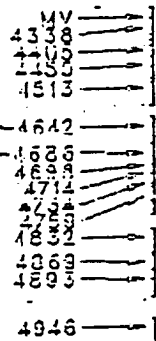
OA 735'  
 KT 830'  
 PC 2345' FT 1955  
 LS 2500'  
 CH 3935'  
 MN 4150'  
 PL 4570'

BOT OF 2.525 IN OD CSA 336  
 36 LB/FT. KS CASING  
 TOC - SURF

TOP OF 4.5 IN. LINER AT 2553  
 BOT OF 7 IN OD CSA 2705, 20 LB/FT  
 KS CASING  
 TOC - 700 (From TS)

-1-SPF

4306



4576  
 4582  
 4588  
 4596  
 4602  
 4618  
 4626  
 4634  
 4642  
 4658  
 4664  
 4671  
 4677  
 4686

PBTD AT 5001 FT.

TOTAL DEPTH 5022 FT.

BOT OF 2.375 IN OD TEG AT 4958  
 SN @ 4926'

BOT OF 4.5 IN OD LINER AT 5022  
 10.5 LB/FT. KS CASING  
 Cathodic Protection - ?



STATE OF NEW MEXICO  
ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT  
OIL CONSERVATION DIVISION  
AZTEC DISTRICT OFFICE

90387

1000 RIO BRAZOS ROAD  
AZTEC, NEW MEXICO 87410  
(505) 324-6178

BRADENHEAD TEST REPORT  
(Submit 2 copies to above address)

Date of Test 10/22/92 Operator Amoco Production, 200 Amoco Court, Farmington, NM  
Lease Name Nyc LS Well No. 1A Location: Unit 0 Section 23 Township 31 N Range 11 W  
Pressure (Shut-in or Flowing) 90 Tubing 90 Intermediate NA Casing 120 Bradenhead 100

OPEN BRADENHEAD AND INTERMEDIATE TO ATMOSPHERE INDIVIDUALLY FOR 15 MINUTES EACH

TIME	PRESSURES:		BRADENHEAD FLOWED	INTERMEDIATE FLOWED
	INTERMEDIATE	CASING		
5 min.			Steady Flow	
10 min.			Surges	
15 min.	NA	120	Down to Nothing	
20 min.			Nothing	
25 min.			Gas	NA
30 min.			Gas & Water	
			Water	

If Bradenhead flowed water, check description below:

CLEAR \_\_\_\_\_ FRESH \_\_\_\_\_ SALTY \_\_\_\_\_ SULFUR \_\_\_\_\_ BLACK \_\_\_\_\_

REMARKS:

Bradenhead had 100 psi. Blow down. Shut in. Gas flow. Stop Gas flow. ~~Water flow. Stop Water flow. Stop Gas flow. Stop Water flow.~~

By Billy Martin Witness \_\_\_\_\_