

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE
(OTHER INSTRUCTIONS ON REVERSE SIDE)

Duplicate Bureau No. 10004-0135
Expires August 31, 1985

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" for such proposals.)

OIL WELL ☐ GAS WELL ☒ OTHER ☐

NAME OF OPERATOR

Amoco Production Co.

ADDRESS OF OPERATOR

2325 E. 30 St., Farmington, NM 87401

LOCATION OF WELL (Report location clearly and in accordance with any State requirements.
See also space 17 below.)
At surface

1160' FSL x 1540' FWL

RECEIVED

SEP 15 1986

3. LEASE DESIGNATION AND SERIAL NO.

Jicarilla Contract 155

5. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Jicarilla Contract 155

9. WELL NO.

20

10. FIELD AND POOL, OR WILDCAT

Blanco Mesaverde/Basin Dakota

11. SEC., T., R., OR ALA. AND
SURVEY OR AREA

SE/SW Sec 29, T26N, R5W

12. COUNTY OR PARISH 13. STATE

Rio Arriba

NM

15. ELEVATIONS (Show whether of)

6434' GR

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PILL OR ALTER CASING

MULTIPLE COMPLETION

ABANDON

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT

(Note: Report results of multiple completion or Well Completion or Recompletion Report and Log form.)

DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting and proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and survey pertinent to this work.)

Amoco Production Company intends to repair the subject well according to the attached procedure.

Verbal approval was given by Earl Beecher to Susan Bair of Amoco on 9-12-86 at 8:20 A.M.

SEP 19 1986

OIL CON. DIV.
DIST. 3

I hereby certify that the foregoing is true and correct

SIGNED BD Shaw

TITLE Adm. Supervisor

DATE 9-12-86

(This space for Federal or State office use)

APPROVED BY
CONDITIONS OF APPROVAL IF ANY:

TITLE

APPROVED

*See instructions on Reverse Side

NMOCC

SEP 17 1986

AREA MANAGER

FARMINGTON DISTRICT WORKOVER

DATE: 4/11/86

OPERATIONS TO BE PERFORMED: (CIRCLE ONE) RECOMPLETION REPAIR SERVICE
 LEASE AND WELL SHARMA CONTRACT 155#20 FIELD BLANCO / FASIN
 FORMATION MESAVERDE / DAKOTA LOGS JEL SF. AVL - 42.1%
 LOCATION 1160' FSL. 1540' FWL SEC 29, T26N. R5W R10 ARKIEA CO NM
 COMP. DATE 11/13/69 DK EL: 6048' KE TD: 7327' PBD: 7200'
 CSG: 8 5/8" 24 # K-55 @ 446' : 4 1/2" 10.5 # K-55 @ 7327'
 COMP. INT. 4800' - 5128' (MV) SWF 40,330 GPM, 40,000 #
7000' - 7250' (DL) ORIG. STIM. SWF 52,000 GPM, 50,000 #
563 MCFD (MV) IP 2401 MCFD (DL) CURRENT PROD. INT. 4800' - 7170'
 PURPOSE: REPAIR CSG LEAK

DDB
BJW

DAB

8 PERMITTING DESK

MCH

RGH

3VD

GMK

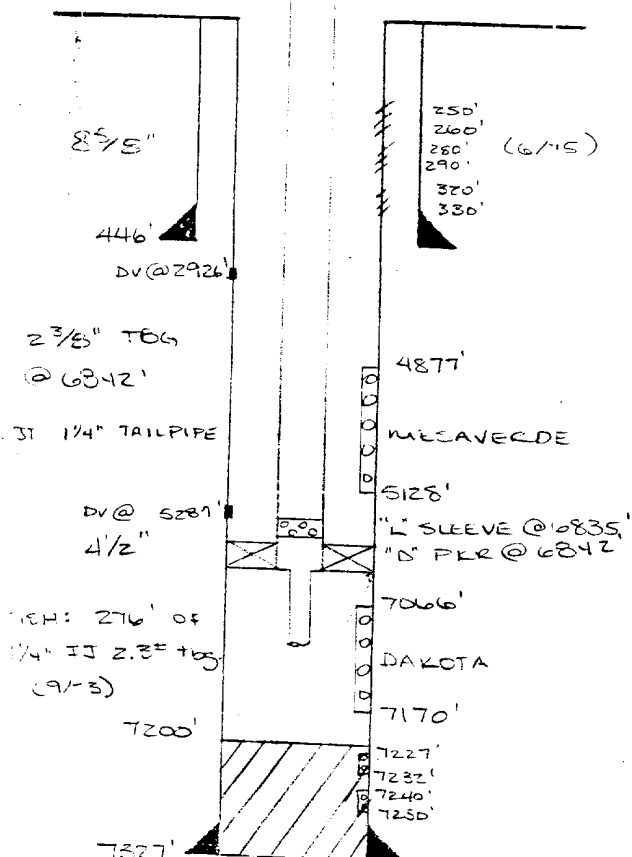
GOM

TWE

DLD
ENGR

JT

WELLBORE SKETCH



PROCEDURE

1. WIRELOG NO WELLHEAD, NO BOPS.
2. STRING OUT OF MODEL "D" PKR. TOH W/ TBG X SEAL ASSEMBLY. LAY DOWN SLIDING SLEEVE AND SEAL ASSEMBLY. TIH X OVERSHOT AND ATTEMPT TO RETRIEVE FISH. TOH.
3. TIH X TBG X DP X PKR.
4. USE BP X PKR TO PRESSURE TEST CSG COMING UP THE HOLE FROM 3000' TO SURFACE. HOLES ARE EXPECTED IN THE INTERVAL 250' - 330'. NOTIFY ENGINEER WITH RESULTS OF PRESSURE TEST.
5. IF NO ADDITIONAL HOLES ARE FOUND, SET EP @ 400' AND CAP X SAND.
6. WITH BRADENHEAD OPEN, ATTEMPT TO ESTABLISH CIRCULATION UP BACKSIDE. CIRCULATE OUT ~5 ECK OF FLUID THEN PUMP 100 SK OF CLASS B NEAT CEMENT.
7. IF UNABLE TO ESTABLISH CIRCULATION, SQUEEZE HOLES DOWN W/ 50 SK OF CLASS B NEAT CMT AND SQUEEZE BRADENHEAD X 50 SK OF CLASS B.
8. DRILL OUT TO 350' AND PRESSURE TEST SQUEEZE TO 1000 PSI. IF SQUEEZE HOLDS, CONTINUE. IF SQUEEZE DOES NOT HOLD, STOP. IF THE OPERATOR WOULD.

DISTRICT MANAGER

DISTRICT ENGINEER

DISTRICT FOREMAN

ENGINEER

DATE

ENGSP

ENG40

- ⑨ Pull out B at 400' and clean up to PRL @ 6842'.
- ⑩ TH x MILL x PRL PLUCKER. Pull out and retrieve PRL at 6842'.
- ⑪ If unable to retrieve fish in STEP # 2, TH x OVERSHOT and attempt to retrieve fish.
- ⑫ If fish is removed, go down to PRL at 7200'.
- ⑬ TH x 2 3/8" TEG x SN. HYDROTEST TEG TO HOLE. REPLACE and BAD JOINTS. LAND TEG @ 7150'.
- ⑭ RETURN WELL TO PRODUCTION.

Amoco Production Company
WELL REPAIR AUTHORIZATION AND REPORT

ORIGINAL BLANK
CORRECTION 8
DELETION 9
FLAC (WELL) NO.

LEASE/UNIT NAME AND WELL NUMBER 31 CARILLA CONTRACT ISS # 20		HORIZON NAME BLANCO NW / BASIN DR																						
FIELD BLANCO / BASIN		COUNTY RIO ARriba	STATE NM																					
OPERATOR Amoco	DISTRICT FARMINGTON	ELEVATION 6448'	ELEV. REFERENCE PT. KB																					
LAST PRODUCING WELL ON LEASE YES ☐ NO ☒		T.E. 7327'	P.B.T.D. 7200'																					
LOCATION 1160' FSL, 1540' FWL, SEC 29, T 26N, R5W																								
Amoco WORKING INTEREST 1000		OTHER WORKING INTERESTS JONE																						
Amoco NET INTEREST 0.875		TOTAL REPAIR HORIZONS 2	STATUS AFTER REPAIR PRODUCING ☒ INJECTION ☐																					
		PRODUCTION INCREASE EXPECTED YES ☐ NO ☒																						
TYPE JOB SELECT ONE MAJOR (1) AND MAXIMUM THREE MINOR (2)																								
<table border="0"><tr><td>C. CONVERT TO INJECTION ☐</td><td>CONVERT TO PROD. ☐</td><td>DEEPEN ☐</td></tr><tr><td>D. WATER FRAC ☐</td><td>OIL FRAC ☐</td><td>ACID FRAC ☐</td></tr><tr><td>E. ACIDIZE ☐</td><td>REPAIR CASING ☐</td><td>WHIPSTOCK ☐</td></tr><tr><td>F. PLUG BACK ☐</td><td>PERFORATE ☐</td><td>CEMENT SQUEEZE ☐</td></tr><tr><td>G. WASHING SAND ☐</td><td>SAND CONTROL ☐</td><td>OTHER ☒</td></tr><tr><td>H. SET LINER OR SCREEN ☐</td><td>PULL LINER OR SCREEN ☐</td><td></td></tr><tr><td>I. TREATING VOLUME - GAL. </td><td colspan="2">AREA REPAIR CODE </td></tr></table>				C. CONVERT TO INJECTION ☐	CONVERT TO PROD. ☐	DEEPEN ☐	D. WATER FRAC ☐	OIL FRAC ☐	ACID FRAC ☐	E. ACIDIZE ☐	REPAIR CASING ☐	WHIPSTOCK ☐	F. PLUG BACK ☐	PERFORATE ☐	CEMENT SQUEEZE ☐	G. WASHING SAND ☐	SAND CONTROL ☐	OTHER ☒	H. SET LINER OR SCREEN ☐	PULL LINER OR SCREEN ☐		I. TREATING VOLUME - GAL.	AREA REPAIR CODE	
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EXPECTED PAYOUT N/A MONTHS																								
GROSS INJECTION WATER ☐ GAS ☐ LPG ☐ AIR ☐ STEAM ☐ OTHER ☐																								
RATE - BPD OR MCFD BEFORE ANTICIPATED																								
PRESSURE - PSIG																								
TOTAL GROSS COST \$ 19,000																								
Amoco WORKING INTEREST COST \$ 19,000																								
REASON FOR WORK THIS WELL HAS A CASING LEAK - EVIDENCED BY FLOW FROM THE BRADENHEAD. THE LEAK WILL BE SQUEEZED AND THE WELL WILL BE CLEANED UP IN ORDER TO REMOVE FLOW RESTRICTIONS.																								
REPAIR RESULT SUCCESS ☐ FAILURE ☐		RECOMMENDED DANA DELVENSTHAL																						
DATE REPAIR COMPLETED MO. DAY YR.		DATE 9/11/86																						
GROSS PRODUCTION DURING PAYOUT OIL - BOPD GAS - D																								
WATER - BWPD OTHER - /DAY																								
GROSS INJECTION RATE - BPD OR MCFD PRESSURE - PSIG		AUTHORIZED R. Brown																						
ESTIMATED FINAL GROSS COST \$		MO. DAY YR. 09 09 86																						