STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-78

5a. Indicate Type of Lease: State [ ] Fee [X]

5. 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.)

1. OIL WELL [ ] GAS WELL [X] OTHER-

7. Unit Agreement Name

2. Name of Operator
Amoco Production Company

8. Farm or Lease Name
Rowland Gas Com

3. Address of Operator
501 Airport Drive, Farmington, NM 87401

9. Well No.
1

4. Location of Well
UNIT LETTER P, 1030 FEET FROM THE South LINE AND 910 FEET FROM THE East LINE, SECTION 25 TOWNSHIP 30N RANGE 12W NMPM.

10. Field and Pool, or Wildcat
Basin Dakota

15. Elevation (Show whether DF, RT, GR, etc.)
5665' RDB

12. County
San Juan

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

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

17. 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 approval to open a new pay zone according to the attached procedure.

RECEIVED
OCT 01 1984
OIL CON. DIV.
DIST. 3

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

SIGNED Original Signed By B. D. Shaw TITLE Aministrative Supervisor DATE 9/26/84

APPROVED BY Original Signed by FRANK T. CHAVEZ TITLE SUPERVISOR DISTRICT # 3 DATE OCT 01 1984

CONDITIONS OF APPROVAL, IF ANY:

FARMINGTON DISTRICT WORKOVER

DATE: 9-12-84

OPERATIONS TO BE PERFORMED: (CIRCLE ONE) RECOMPLETION REPAIR SERVICE

LEASE AND WELL Rosland Gas Com No. 1 FIELD Basin

FORMATION Dakota LOGS SP-IEL

LOCATION 1030 FSL x 910 FEL, Sec 25, T30N, R12W, San Juan Cty, NM

COMP. DATE 2/63 EL: 5665 KB TD: 6515 PBD: 6470

CSG: 8 5/8" 22.7# @ 365': 4 1/2" 10.5# K-55 @ 6508'

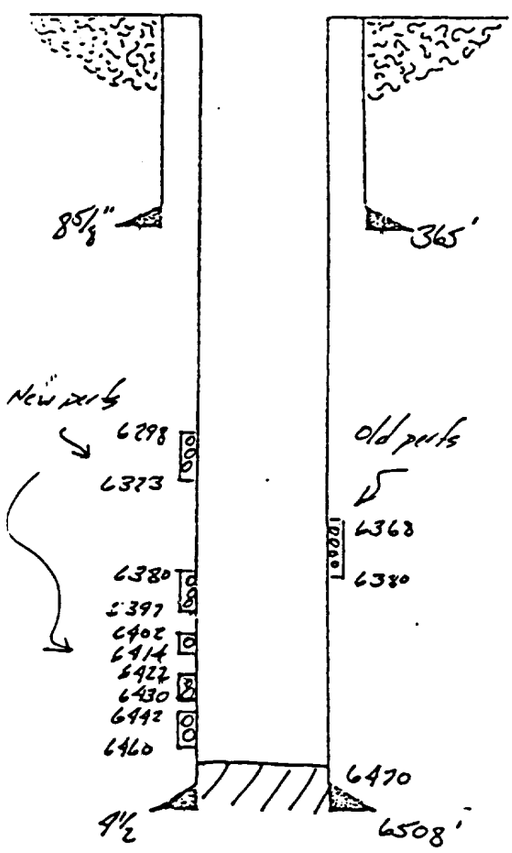
COMP. INT. 6368-6380 ORIG. STIM. 38500 gal slickwt 40 mlbs sand

IP 869 MCFD CURRENT PROD. INT. Same

PURPOSE: Open new pay

MJH TKA ~~TKA~~ ~~SHH~~ ~~DHS~~ MCH RGH ~~BVD~~ (7) PERMITTING DESK ENGR FILE

WELLBORE SKETCH



PROCEDURE

1. Nipple down wellhead, nipple up BOP's. Trip in with 2 3/8" production tubing and check for fill. Trip out.
2. Wireline set a drillable bridge plug at 6250
3. Pressure test casing to 2500 psi
4. Trip in with 2 3/8" tubing, sub, and 3 7/8" mill and drill out bridge plug. Chase junk to bottom and do not circulate clean. Trip out.
5. Run gamma ray correlation log from PBD to 6200.
6. Perforate 6460-6442, 6430-6422, 6414-6402, 6397-6380 & 6323-6298 with 2 spf. Charges should be designed for minimum penetration of 3/8" x 14". Warning: the original open hole logs were 15 feet off driller's TD. Double check before perforating that above zones are correct. See engineer for details.

DISTRICT MANAGER W M Holmes

DISTRICT ENGINEER Tim Alexander

DISTRICT FOREMAN

ENGINEER D.S. Ramsey

DATE

ENGSPE

7. Establish rate of 30 BPM with 2% KCL water. Shut down and obtain ISIP.

8. Trip in with 2 3/8" tubing to 6200. Last joint in the hole should be a blast joint.

9. Frac with 89,000 gal 70 quality nitrogen foam (100% H_2O - 10% N_2 down annulus w/sand & 70% N_2 down tubing). at 30 BPM and containing 20 lb/1000 gel, 1 gal/1000 surfactant, 2% KCL and 144,000 lbs 20-40 sand as follows:

Stage Number	Stage Volume (gal)	Sand Concentration (PPG)
1	25,000	0
2	4,000	1
3	20,000	2

10. Shut in for 2 hrs

11. Flow back to clean up through 3/4" choke

12. Trip in with 2 3/8" production string. Tag PBD and circulate out with N_2 if necessary. Land tubing at 6460 and return to production.

Notes:

1. Maximum allowable treating pressure is 3800 psi
2. Stringent frac quality control is essential. Make sure frac tanks are clean and that frac water has been properly filtered. Run sieve analysis on frac sand, taking samples from the top of each hopper, and from the blender. Report the results of the sieve analysis to Dave Ramsey.