

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT - " for such proposals

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

5. Lease Designation and Serial No.

SF078096

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Mudge-15A

9. API Well No.

3004523160

10. Field and Pool, or Exploratory Area

Blanco Mesaverde

11. County or Parish, State

San Juan

New Mexico

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Amoco Production Company

Attention:

Dallas C. Kalahar

3. Address and Telephone No.

P.O. Box 800, Denver, Colorado 80201

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1150FSL 810'FEL Sec. 8 T 31N R 11W

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Workover

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

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

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

See attached for workover procedure.

If you have any questions, please call Dallas Kalahar at 303-830-5129.

RECEIVED
OCT 13 11 09:58
BLM
DISTRICT MANAGER, NM

RECEIVED
OCT 25 1993
OIL CON. DIV
DIST. 3

14. I hereby certify that the foregoing is true and correct

Signed

Dallas Kalahar

Title

Staff Business Analyst

Date

10-11-1993

(This space for Federal or State office use)

Approved by

Title

Conditions of approval, if any:

APPROVED

OCT 14 1993

DISTRICT MANAGER

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious, or fraudulent representations as to any matter within its jurisdiction.

WORKOVER PROCEDURE
MUDGE B 15A

October 8, 1993 (1st version)

1. Record both TPs, SICP, and SIBHP.
2. MIRUSU.
3. If possible, TOH hot with 1 1/4" tubing.
4. If possible, TOH hot with 2 3/8" tubing and seal assembly.
5. TIH with RBP, set at 2650', cap with sand.
6. Run a GR/CBL from 2650' to surface and determine TOC for 7" casing.
7. Reset RBP to 100' below the TOC of the 7" casing.
8. Perf 2 squeeze holes within 100' above the TOC.
9. Establish circulation to surface, calculate annular volume with a dye, and pump 200% of annular volume of cement. Note returns to surface. WOC.
10. Drill out cement to RBP.
11. Pressure test squeeze perfs to 500 psig.
12. Resqueeze until pressure test holds and cement is to surface.
13. TOH with RBP.
14. TIH with a 4 1/2" work string and seal assembly and sting into polished bore receptacle at 2889'.
15. Using lubricator, TIH with 3 1/8" casing gun and perforate, under balanced, the following intervals with 2 JSPF, 120 degree phasing and 15 g charges. Depths are correlated from Gearhart-Owen's Correlation Log dated 79/09/15.

MV Point Lookout Perforations

4679' - 81'	4887' - 89'	4947' - 65'	4968' - 70'
4972' - 83'	4987' - 94'	4996' - 5001'	5003 - 09'
5016' - 21'	5031' - 34'	5036' - 38'	5230' - 32'

16. TIH with RBP and set at 4600'.
17. Run a GR/CBL from 4600' to surface and determine top of cement 4 1/2" liner. Verify that the proposed frac interval is isolated.
18. Pressure test frac string to 80% of burst rating.
19. Swab fluid level down to 3800'.
20. Using lubricator, TIH with 3 1/8" casing gun and perforate the following intervals with 2 JSPF, 120 degree phasing and 15 g charges. Depths are correlated from Gearhart Owen's Correlation Log dated 79/09/15.

MV Cliffhouse Perforations

4403' - 08'	4413' - 28'	4434' - 45'	4451' - 56'
4471' - 74'	4476' - 78'	4484' - 86'	4489' - 91'
4494' - 98'	4506' - 14'	4528' - 31'	4559' - 61'

21. Frac down frac string according to the attached frac schedule for the Cliffhouse.
22. Clean out with nitrogen to PBTD (5333'), retrieve all RBPs.
23. Land 2 3/8" tubing at 4450' with a seating nipple one joint off bottom and continue to flow back load until well is capable of producing against 350 psi.
24. TIH with open ended 2 3/8" tubing with a seating nipple one joint off bottom. Seal assembly should be set at 2889' and tubing should be landed at 5050'.
25. TIH with open ended 1 1/4" tubing with a seating nipple one joint off bottom and land at 2770'.
26. Tie well back into surface equipment and turn over to production.

Amoco Production Company

Sheet No _____ of _____
File _____

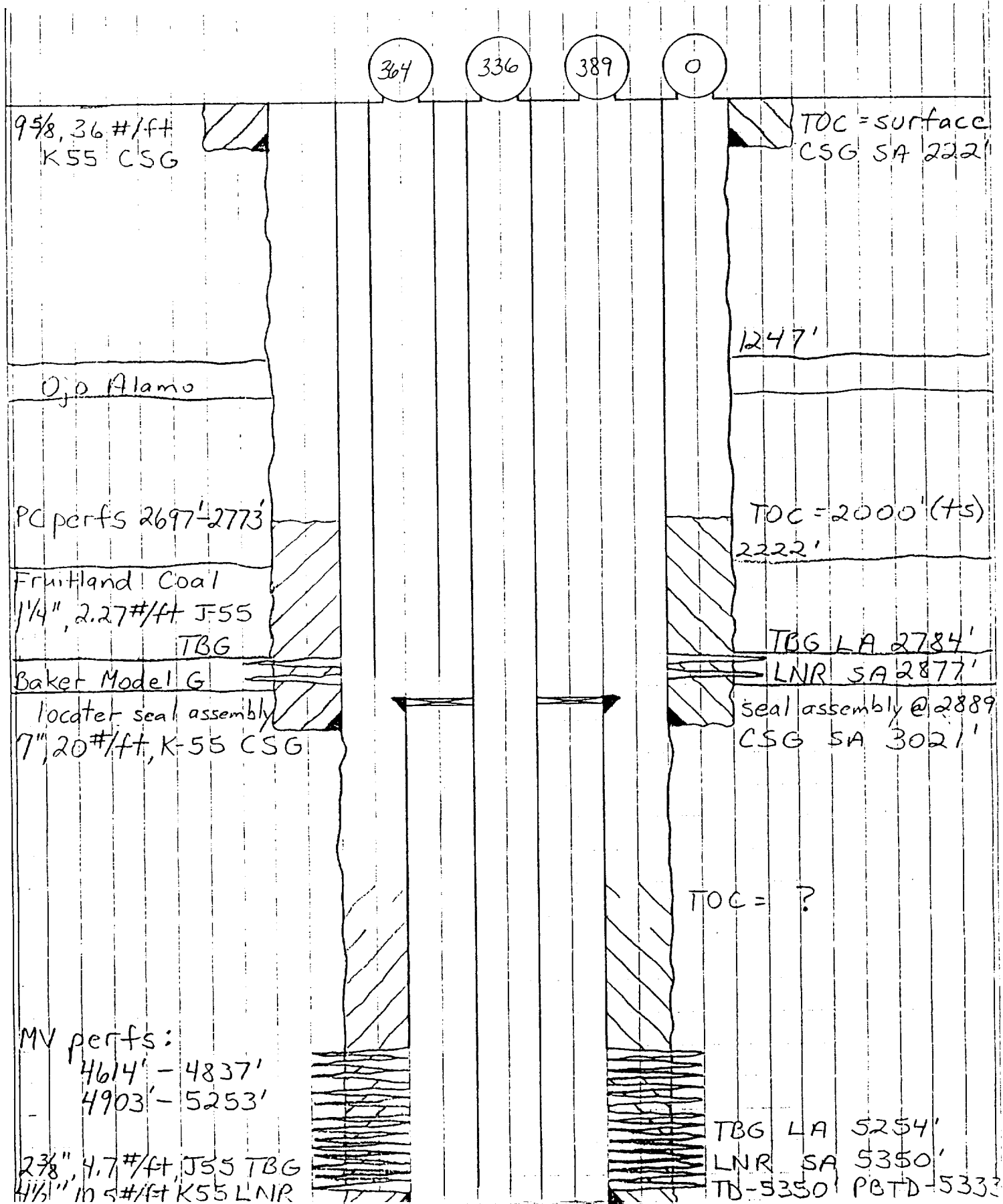
ENGINEERING CHART

SUBJECT Mudge B 15 A

Appn _____

Date _____

By PAE





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

1000 RIO BRAZOS ROAD
AZTEC, NEW MEXICO 87410
(505) 334-6178

BRADENHEAD TEST REPORT
(Submit 2 copies to above address)

90787 MW
90788 PC

Date of Test 8/29/92 Operator Amoco Production, 200 Amoco Court, Farmington, NM
Lease Name Mudge B Well No. 15A Location: Unit P Section 8 Township 31 N Range 11 W
Pressure (Shut-in or Flowing) Tubing 336 (MW) Intermediate None Casing 389 Bradenhead 0

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	
min.			Down to Nothing	
20 min.			Nothing ✓	
25 min.			Gas	
30 min.			Gas & Water	
			Water	

If Bradenhead flowed water, check description below:

CLEAR _____ FRESH _____ SALTY _____ SULFUR _____ BLACK _____

REMARKS:

By Chuck Green Witness _____
Pumper