

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.

3004524247

5. Indicate Type of Lease

STATE ☐

FEE ☒

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

Harold B. Chapson

8. Well No.

1

9. Pool name or Wildcat Basin

Artesia Pictured Cliffs/Fruitland Coal

1. Type of Well:

OIL
WELL ☐

GAS
WELL ☒

OTHER

2. Name of Operator

Amoco Production Company

Attention:

Patty Haeefe

3. Address of Operator

P.O. Box 800

Denver

Colorado

80201

(303) 830-4988

4. Well Location

Unit Letter J

: 1800

Feet From The

South

Line and

1650

Feet From The

East

Line

Section

32 28

Township

29N

Range

10W

NMPM

San Juan

County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)

5510' GR

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: Recompletion/DHC/P&A ☐

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 requests permission to recomple to the Pictured Cliffs and Fruitland formation and to abandon the Gallup formation; we also request permission to downhole commingle the Pictured Cliffs & Fruitland.

Harold B. Chapson
#1
of the Eastern to
be used as bottom hole
completion stage.

RECEIVED
SEP 27 1996
OIL CONSERVATION DIVISION

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

SIGNATURE

Patty Haeefe

TITLE

Staff Assistant

DATE 09-24-1996

TYPE OR PRINT NAME

Patty Haeefe

TELEPHONE NO. (303) 830-4988

(This space for State Use)

APPROVED BY

L. Bruce

TITLE

DEPUTY OIL & GAS INSPECTOR, DIST. #3

DATE

09 - 2 1996

CONDITIONS OF APPROVAL, IF ANY:

Hold C-104 for DHC + Put Coal 115L + more
H. B. Chapson

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District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, NM 87505

Form C-102

Revised October 18, 1994

Instructions on back

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 3004524247	² Pool Code 71280	³ Pool Name Aztec Pictured Cliffs
⁴ Property Code 000366	⁵ Property Name Pollock Come Harold B. Chapson	⁶ Well Number 1R
⁷ OGRID No. 000778	⁸ Operator Name Amoco Production Company	⁹ Elevation 5510'

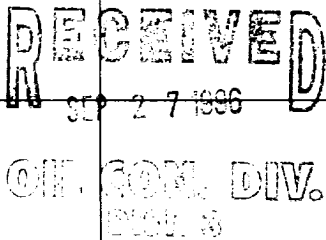
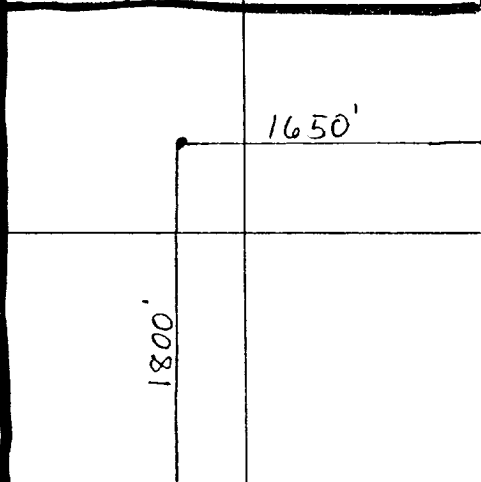
¹⁰ Surface Location

UI or lot no. J	Section 32-28	Township 29N	Range 10W	Lot.Idn	Feet from the 1800	North/South Line South	Feet from the 1650	East/West Line East	County San Juan
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¹¹ Bottom Hole Location If Different From Surface

UI or lot no.	Section	Township	Range	Lot.Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
¹² Dedicated Acres 160	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order Number						

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

¹⁶ 		¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief
		Signature Patty Haefele Printed Name Staff Assistant Title 9/24/96 Date
		¹⁸ SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.
		3/14/80 Date of Survey
		Signature and Seal of Professional Surveyer: on file
		3950 Certificate Number

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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 3004524247	² Pool Code 71629	³ Pool Name Basin Fruitland Coal
⁴ Property Code 000366	⁵ Property Name <i>Pollock Come</i> Harold B. Chapson	⁶ Well Number 1R
⁷ OGRID No. 000778	⁸ Operator Name Amoco Production Company	⁹ Elevation 5510'

¹⁰Surface Location

UI or lot no. J	Section 32-28	Township 29N	Range 10W	Lot.Idn	Feet from the 1800	North/South Line South	Feet from the 1650	East/West Line East	County San Juan
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¹¹Bottom Hole Location If Different From Surface

UI or lot no.	Section	Township	Range	Lot.Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
¹² Dedicated Acres 320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order Number						

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

¹⁶ RECEIVED SEP 27 1996 OIL CON. DIV. DIST. 3	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief <i>Patty Haeefe</i> Signature Patty Haeefe Printed Name Staff Assistant Title 9/24/96 Date
¹⁸ SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. 3/14/80 Date of Survey Signature and Seal of Professional Surveyer: on file 3950 Certificate Number	<i>1650'</i> <i>1800'</i>

SJOET Well Work Procedure

Well Name Harold B Chapson #1R
Version: Final
Date: September 23, 1996
Budget: Major Cash
Repair Type: Recompletion

Objectives:

1. Abandon existing GP perms. Set plugs across MV and CK.
 2. Recomplete and test PC. Isolate PC and complete FT coal. Test FT coal.
 3. Downhole commingle PC/FT.
-

Pertinent Information:

Location:	1800' FSL x 1650' FEL Sec 32, T29N-R10W	Horizon:	GP - PxA PC/FT-DHC
County:	San Juan	API #:	3004524247
State:	New Mexico	Engr:	Webb
Lease:	Fee	Phone:	H--(303)-488-9824 W-(303)-830-4206 P--(303)-612-3639
Well Flac:	842253		

Economic Information:

APC WI:	100% all zones	Current GP Production	10 MCFD
Estimated Cost:	\$165M	Expected FT/PC Prod	170 MCFD
Payout:	4.2 Years		
Max Cost -12 Mo. P.O.			
PV13:	\$38.2M		
Max Cost PV15:			

Note: Costs broken down as follows:

DRA (PxA GP)	\$15M
PC Recompletion	\$50M
FT Recompletion	\$75M
AP&F	\$25M
TOTAL	\$165M

Formation Tops: (Estimated formation tops)

Nacimiento:	Menefee:	3502'
Ojo Alamo:	Point Lookout:	4094'
Kirtland Shale:	Mancos Shale:	
Fruitland:	Gallup:	5312'
Pictured Cliffs: 1796'	Graneros:	
Lewis Shale:	Dakota:	
Cliff House: 3462'	Chacra:	2882'

Bradenhead Test Information:

Test Date:	Tubing:	Casing:	BH:	
Time	BH	CSG	INT	CSG
5 min				
10 min				
15 min				

Comments:

Harold B. Chapson #1^R

Orig. Comp. 7/80

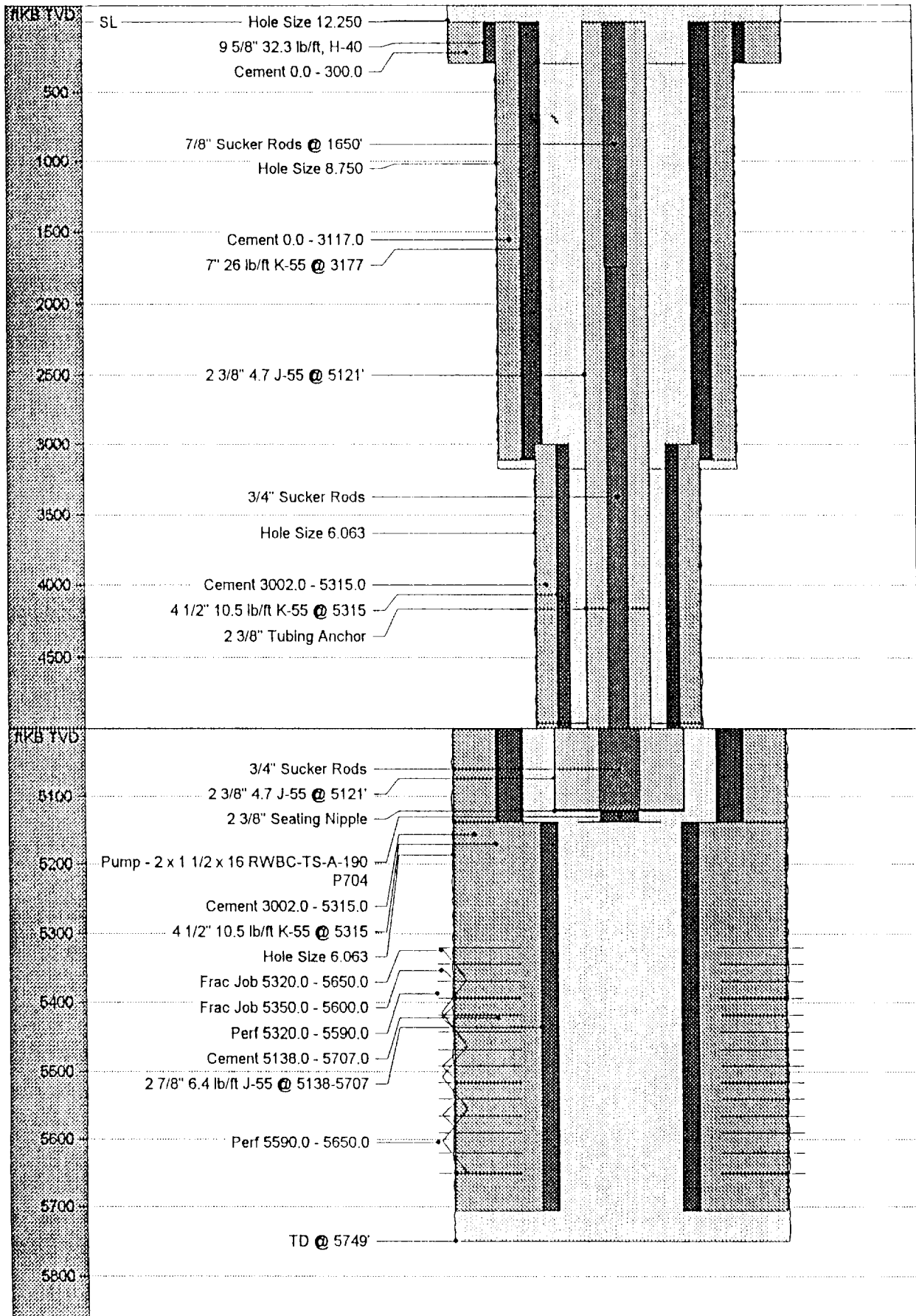
TD = 5749', PBTD = Not reported

Elevations: GL = 5510', KB = 5523' (estimated)

Page 2 of 3

1. MIRUSU. Record shutin tubing, casing and bradenhead pressures. RU BOP. Pull rods x 2 3/8" tubing.
2. RU wireline. Set CIBP at 5270' (50' above top GP perf). Cap w/ 100' cement. Note: Production liner is 2 7/8".
3. Spot cement plug from 3400-3500' (MV top) and from 2830-2930' (CK top). WOC.
4. Pressure test wellbore to 500 psig.
5. RU wireline. Run GR/CCL/Neutron log from 1900 to surface casing at 300'.
6. Perforate the PC interval from 1802-1842' using 2 SPF, 4" HCP gun, 19.5 g charges on 120 degree phasing. Correlate cased hole log to openhole FDC/CNL. Break down PC using 2% Kcl water. Fracture stimulate PC according to frac Procedure A.
7. Flow test PC until rates and pressures stabilize. Stabilized rate required for commingling allocation.
8. Set RBP at 1790'. Cap w/ 1 sx sand. Pressure test casing to 500#.
9. Perforate the following FT coal intervals: 1588-1602', 1610-14', 1640-52', 1686-1717', 1758-70', using 4" HCP w/ 4 JSPF (19.5 g charges on 120 degree phasing). Correlate cased hole log to openhole FDC/CNL. Breakdown perforations w/ 2% Kcl and 7/8" 1.1 SG RCN balls. Fracture stimulate FT according to frac Procedure B.
10. Flow test FT until rates and pressures stabilize. Stabilized rate required for commingling allocation.
11. TIH w/ tubing. Clean out fill across FT interval. Pull RBP x TOO. TIH w/ tubing. Clean out fill across PC interval. TOO. Flow test commingled production streams.
12. TIH w/ 2 3/8" production tubing (1/2 mule shoe on bottom w/ SN one joint up). Land production tubing at 1810-20'.
13. ND BOP. NU wellhead. RDMOSU.
14. Turn well over to production team pending first delivery approval.

Harold B. Chapson #1R



1800' FSL x 1650' FEL, Sec. 28-J, T29-N, R10-W