Submit 3 Copies to Appropriate District Office

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

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
P.O.Box 2088
Santa Fe, New Mexico 87504-2088

Form C-103
Revised 1-1-89

WELL API NO. 3004507821

5. Indicate Type of Lease STATE ☐ FEE ☒

6. 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.)

7. Lease Name or Unit Agreement Name: Abrams Gas Com "A"

1. Type of Well: OIL WELL ☐ GAS WELL ☒ OTHER

2. Name of Operator: Amoco Production Company — Attention: Nancy I. Whitaker

8. Well No.: # 1

3. Address of Operator: P.O. Box 800 Denver Colorado 80201 (303) 830-5039

9. Pool name or Wildcat: Wildcat:29N10W26I-Farmington Sand

4. Well Location
Unit Letter I : 1650 Feet From The South Line and 990 Feet From The East Line

Section 26 Township 29N Range 10W NMPM SAN JUAN County

10. Elevation (Show whether DF, RKB, RT, GR, etc.) 5557 GR

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐		CASING TEST AND CEMENT JOB ☐	
OTHER: Recompletion /DHC ☒		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 isolate the Aztec Pictured Cliffs and recomplete the Farmington Sand.

We also request permission to down hole commingled the Pictured Cliffs and the the Farmington Sand to production according to the attached procedures.

For technical information please contact Steve Webb 303-830-4206.

RECEIVED
DEC 13 1996
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 Nancy I. Whitaker TITLE Staff Assistant DATE 12-12-1996

TYPE OR PRINT NAME Nancy I. Whitaker TELEPHONE NO. (303) 830-5039

(This space for State Use)

APPROVED BY ORIGINAL SIGNED BY ERNIE BUSCH TITLE DEPUTY OIL & GAS INSPECTOR, DIST. #3 DATE DEC 16 1996

CONDITIONS OF APPROVAL, IF ANY:

SJOET Well Work Procedure

Well Name	**Abrams GC A #1**
Version:	Final
Date:	December 11, 1996
Budget:	Major Cash
Repair Type:	**Recompletion**

Objectives:

1. Isolate existing PC perfs. Run CBL.
2. Recomplete and test Farmington Sand.
3. Return downhole commingled PC and Farmington Sand to production.

Pertinent Information:

Location:	1650' FSL x 990' FEL Sec 26, T29N-R10W	Horizon:	PC - Farmington Sand
County:	San Juan	API #:	3004507821
State:	New Mexico	Engr:	Webb
Lease:	Fee	Phone:	H--(303)-488-9824
Well Flac:	923874		W-(303)-830-4206
			P--(303)-612-3639

Economic Information:

APC WI:	100% all zones	Current PC Production	40 MCFD
Estimated Cost:	$25M	Expected Farmington Prod	60MCFD
Payout:	3 Years	Expected commingled	
Max Cost -12 Mo. P.O.		Production	100 MCFD
PV13: -	$14M		
Max Cost PV15:			

Note:

Formation Tops: (Estimated formation tops)

Nacimento:		Menefee:	
Ojo Alamo:	730'	Point Lookout:	
Kirtland Shale:	870'	Mancos Shale:	
Fruitland:	1630'	Gallup:	
Pictured Cliffs:	1878'	Graneros:	
Lewis Shale:		Dakota:	
Cliff House:		Chacra:	

Bradenhead Test Information:

Test Date: **Tubing:** **Casing:** **BH:**

Time	BH	CSG	INT	CSG
5 min				
10 min				
15 min				

Comments:

Abrams GC A #1
Orig. Comp. 3/56
TD = 1958', PBTD = 1935'
Elevations: GL = 5557', KB = 5564'

1. MIRUSU. Record shutin tubing, casing and bradenhead pressures. RU BOP. Pull 1.66" tubing and lay down.

2. PU and TIH w/ 2 3/8" tbg x RBP. Set RBP at 1800'.

3. Pressure test wellbore to 500 psig.

4. RU wireline. Run GR/CCL/CBL from 1800' to surface casing at 105'. Note that cement calculations indicate TOC should be surface.

5. Swab fluid level down to 970' from surface.

6. Perforate the Farmington Sand interval from 1016-1030' using 4 SPF, 4" HCP gun, 19.5 g charges on 120 degree phasing. Correlate cased hole log to Schlumberger openhole Electric Log dated 3/7/56. Note: well blew out during drilling. Had 8.5 ppg native mud in hole. This equates to a calculated pressure of 450 psig. Some depletion may have occurred as an offset well, the McDaniel GC A #1, was recompleted to the same sand in July 1995.

7. Flow test Farmington sand until rates and pressures stabilize.

8. TIH w/ tbg. Pull RBP. TOOH w/ tbg x RBP.

9. TIH w/ tbg (1/2 mule shoe on bottom with seating nipple one joint up). Clean out well to PBTD at 1935'.

10. Land production tubing at 1900-10'.

11. ND BOP. NU wellhead. RDMOSU.

12. Turn well over to production team pending first delivery approval.

Amoco Production Company

ENGINEERING CHART

Sheet No. Of
File
Appn
Date 11/18/96
By JLW

SUBJECT ABRAMS GC A #1 1650' FSL X 990' FEL
UNIT I, SEC 26, T29N-R10W

SPUD 9/26/56
IP 3/12/56
@ 27.00 MCFD
Blow out @
995-1036'
> 9 MMCFD

KB - 5564'
GL - 5557'

9 5/8" 32.3# CSA 105'
CMT W/ 100SK IDEAL
CIRC TO SFC

FRAC: 30M GAL H2OX 30M #

2 SPF 1884'
4 SPF 1894'
2 SPF 1902'
1920

TBG: 1.66" OD, 2.3# J55 1900'
BTM 10' PERF NIPPLE

5 1/2" 14# CSA 1958'

PBTD = 1935'

CMT W/ 225SK (50 W/ 6% GEL) 175 NEAT

WELL DATA

API # 3004507821
WELL FLAC: 923874
LSE: FEE
GATHERER: EPNG
GMETER # 74515
APC WI = 100%