

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

OIL CONSERVATION DIVISION
P.O. Box 2088

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

Santa Fe, New Mexico 87504-2088

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL API NO.

3004524084

5. Indicate Type of Lease

STATE ☐

FEE ☒

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

Davis Gas Com F

8. Well No.

1E

9. Pool name or Wildcat

Basin Dakota

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. Type of Well:

OIL
WELL ☐

GAS
WELL ☒

OTHER

2. Name of Operator

Attention:

Amoco Production Company

Gail M. Jefferson

3. Address of Operator

P.O. Box 800 Denver

Colorado

80201

(303) 830-6157

4. Well Location

Unit Letter H : 1490 Feet From The North Line and 1110 Feet From The East Line

Section 27 Township 29N Range 11W NMPM San Juan County

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

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: Bradenhead Repair ☒

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 perform a Bradenhead repair on the well referenced above. Procedures for this repair are attached.

If you have any technical questions please contact Mike Kutas at (303) 830-5159 and any administrative questions please contact myself.

RECEIVED
MAR 20 1995

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 Gail M. Jefferson TITLE Business Assistant DATE 03-17-1995

TYPE OR PRINT NAME

Gail M. Jefferson

TELEPHONE NO. (303) 830-6157

(This space for State Use)

APPROVED BY Johnny Robinson TITLE DEPUTY OIL & GAS INSPECTOR, DIST. #3 DATE MAR 20 1995

CONDITIONS OF APPROVAL, IF ANY: * Run CBL + perf. above T.O.C. + cine.

Notify in time to witness CBL

DAVIS GAS COM F #1E

VERSION: #1
Date: March 13, 1995
Budget: DRA/Repair Well
Repair Type: Bradenhead Remediation

OBJECTIVES:

1. Remediate steady flow of fresh water to insure zonal isolation behind casing.
 2. Place well back on production
-

PERTINENT INFORMATION:

Location:	1490' FNL x 1110' FEL, H27-T29N-R11W	Horizon:	CK/DK
County:	San Juan	API #:	30-045-24084
State:	New Mexico	Engr:	Kutas
Lease:	Fee	Phone:	H--(303)840-3700
Well Flac:	842078		W-(303)830-5159
			P-(303)553-6334

ECONOMIC EVALUATION:

APC WI (DK):	.875%	CK/DK Prod. Before Repair:	-- MCFD
APC WI (CK):	.75%		
Estimated Cost:	\$35,000	CK/DK Anticipated Prod.:	93 MCFD
Payout:	32 Months		
Max Cost -12 Mo. P.O.	\$		
PV15:	\$M		
Max Cost PV15:	\$M		

Note: Economics will be run on all projects that have a payout exceeding ONE year.

FORMATION TOPS: (Estimated formation tops)

Nacimiento:		Menefee:	
Ojo Alamo:		Point Lookout:	4237'
Kirtland Shale:		Mancos Shale:	
Fruitland:	1343'	Gallup:	5259'
Pictured Cliffs:	1675'	Graneros:	6114'
Lewis Shale:		Dakota:	6196'
Cliff House:	3246'	Morrison:	

BRADENHEAD TEST INFORMATION:

Test Date: 3/17/93 Tubing: 174 psi Casing: N/A psi BH: 22 psi

Time	BH	CSG	INT	CSG
5 min		N/A	N/A	N/A
10 min		N/A	N/A	N/A

15 min

N/A

N/A

N/A

DETAILED PROCEDURE:

1. Contact Federal or State agency prior to starting repair work.
 2. Catch gas and/or water sample off of bradenhead and casing, and have analyzed.
 3. Install and/or test anchors on location.
 4. MIRUSU. Check and record tubing, casing and bradenhead pressures.
 5. Blow down well and kill well, if necessary, with 2% KCL water.
 6. ND wellhead. NU and pressure test BOP's.
 7. Trip and tally out of hole with short and long tubing strings, checking condition of tubing.
 8. TIH with bit and scraper to top of perforations at 2701'. A seating nipple and standing valve may be run in order to pressure test tubing. TOH.
 9. TIH with RBP and packer. Set RBP 50-100 ft. above perforations. TOH one joint and set packer. Pressure test RBP to 1500 psi.
 10. Pressure test casing above packer. Isolate leak, if any, by moving packer up the hole and repeating pressure test.
- NOTE: If this can not be accomplished, contact Mike Kutas in Denver at (303) 830-5159. If no leak is found, it may be necessary to perforate the casing below surface casing depth or above the top of cement in order to circulate cement to surface.
11. Establish injection rate into leak, if found, and attempt to circulate to surface.
 12. Release packer, spot sand on RBP and TOH with packer.
 13. Run, if necessary, a CBL and CCL to determine cement top.
 14. Perforate casing above cement top, if necessary, with 4 JSPF and circulate dye to determine cement volume.
 15. Depending on depth of hole and circulating pressure, a packer or cement retainer may be needed.
 16. Mix and pump sufficient cement (Class B or equivalent, with a setting time of 2 hours) to circulate to surface. Shut bradenhead valve and attempt to walk squeeze to obtain a 1000 psi squeeze pressure. WOC.
 17. TIH with bit and scraper and drill out cement. Pressure test casing to 1000 psi. TOH with bit and scraper.
 18. TIH with retrieving head for RBP. Circulate sand off of RBP and TOH with RBP.

19. Tag for fill. A cleanout will be considered if perms at 6224-62' are covered with fill.
NOTE: Well servicing performed in March 1994 tagged fill at 6268'.

20. TIH with short and long production string (1/2 mule shoe on bottom and seating nipple one joint off bottom) and land tubing strings at original depth. NDBOP. NU wellhead.

21. Swab well in and put on production.

22. RDMOSU.

If problems are encountered, please contact:

Mike Kutas

(W) (303) 830-5159

(H) (303) 840-3700

GL: 5510'
KB: 5523'

8-5/8" 24# K-55 CSA 306'
X 300 Sx Cmt
CMT CIRC'D TO SURFACE

1-1/4" 2.33# J-55
Tubing @ 2809'



Packer @ 2852'

Chacra Perforations:
2701' - 2710'
2793' - 2799'
2802' - 2810'



X DV TOOL @ 3175'
CMT w/ 425 SXS B 50/50 Pbz +
6% gel + 100 SXS B NEAT
CMT CIRC'D TO SURF (?)
NOTE: HAD Good Circulation during
CMT'ing OPERATIONS
2-1/16" 3.25# J-55 Tubing @ 6268'

Dakota Perforations:
6163' - 6170'
6224' - 6262'

TD: 6392'
PBD: 6310'

5-1/2" 17# K-55 CSA 6388'
CMT w/ 375 SXS CLASS B 50/50
Pbz + 6% gel + 100 SXS B
NEAT
NOTE: HAD Good Circulation
during cmt'ing ops.

Amoco Production Company

SCALE:

(DK) (CK)
Davis Gas Com F #1E / Davis Gas Com H #1

ORG.