

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. 30-039-23379
5. Indicate Type of Lease STATE ☐ FEE ☒
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Schmitz Anticline
8. Well No. 1
9. Pool name or Wildcat W. Puerto Chiquito Mancos / W.C. Dakota
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 7262' GR

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 MW Petroleum c/o Apache Corporation
3. Address of Operator 304 N. Behrend Farmington, NM 87401	4. Well Location Unit Letter K : 1650 Feet From The South Line and 1980 Feet From The West Line Section 25 Township 24 Range 1 NMPM Rio Arriba County

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK ☐	REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐	ALTERING CASING ☐
PULL OR ALTER CASING ☐	COMMENCE DRILLING OPNS. ☐
OTHER: ☐	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.

MW Petroleum proposes to plug and abandon this well.
See attachments A, B, C for details.

RECEIVED
NOV 17 1993
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 Stan Phillips TITLE Production Foreman DATE 11-15-93
TYPE OR PRINT NAME Stan Phillips TELEPHONE NO. 505-325-0318

(This space for State Use)

APPROVED BY Original Signed by CHARLES GHOLSON TITLE DEPUTY OIL & GAS INSPECTOR, DIST. #3 DATE NOV 17 1993
CONDITIONS OF APPROVAL, IF ANY:

Schmitz Anticline #1

Proposed plugging schedule-All cement is class "B" 15.6#/gal, 1.18 cu.ft./sk. All displacement fluid is Packer fluid (water with 1% corrosion inhibitor).

1. MIRUSU. TOH, laying down rods. Tag up w/tbg. TOH tallying out.
2. Pickup 4 3/4" OD rock bit, bailer. Drill out CIBP @ 6575', push to bottom.
3. Pick up cement retainer on tbg, set @ 7240'.
4. Pump 52 sx (61.4 cu.ft.) cement, putting 37.5 sx (44.2 cu.ft.) behind casing through perfs @ 7340'-7368', 14.5 sx (17.1 cu.ft.) inside casing f/7240' to 7368'. Displace cement w/packer fluid.
5. Pick up cement retainer on tbg, set @ 6390'. Sting out of the retainer, circulate well w/138 bbls. packer fluid. Pressure test casing to 500 PSI>
6. Sting back in, pump 129 sx(152.2 cu.ft.), leaving 37.5 sx(44.2 cu.ft.) behind the casing through perfs @ 6420'-6510', 13.6 sx(16.0 cu.ft.) inside casing f/6390' to 6510', and 77.9 sx(91.9 cu.ft.) on top of retainer f/5702'to 6390'.
7. Run GR-CCL-CBL log to establish cement top around 5 1/2" casing.
8. If cement top is above 1860', set cement plugs inside 5 1/2" casing across the Mesa Verde, Pictured Cliffs, Fruitland, and Ojo Alamo formations.
 - a. Mesa Verde plug - 65 sx(76.7 cu.ft.) f/4496' to 5070'.
 - b. Pictured Cliffs, Fruitland, Ojo Alamo plug - 65 sx(76.7 cu.ft.) f/1861' to 2435'.
9. If cement is not above Mesa Verde.
 - a. Perforate Mesa Verde @ 5070'. Set cement retainer @ 4450'. Pump 166 sx(195.9 cu.ft.) leaving 83.8 sx(99.9 cu.ft.) behind casing (570' of annular volume), 70 sx (82.6 cu.ft.) inside 5 1/2" casing f/4450' to 5070', and 12.2 sx(13.4 cu.ft.) on top of retainer f/4350' to 4450'.
 - b. Perforate Pictured Cliffs @ 2435'. Set cement retainer @ 2100'. Pump 80 sx (94.4 cu.ft.) leaving 42 sx(49.6 cu.ft.) behind casing (545' annular volume), 38 sx(44.8 cu.ft.) inside casing f/2100' to 2435'. Displace cement out of tbg - no cement left on top of retainer.
 - c. Perforate Ojo Alamo @ 2050'. Set retainer @ 1810'. Pump 87 sx(102.7 cu.ft.) leaving 47.6 sx (57.2 cu.ft.) behind casing (330' annular volume), 27.2 sx (32.1 cu.ft.) inside 5 1/2" casing f/1810' to 2050', 12.2 sx(13.4 cu.ft.) on top of retainer f/1710' to 1810'.
10. Perforate casing @ 383'. Pump down 5 1/2" casing, establish circulation through bradenhead. Pump 102 sx(120.4 cu.ft.) cement or until cement circulates to the surface.
11. Cutoff wellhead, install P & A marker.
12. Remove surface equipment, remediate and reseed location.

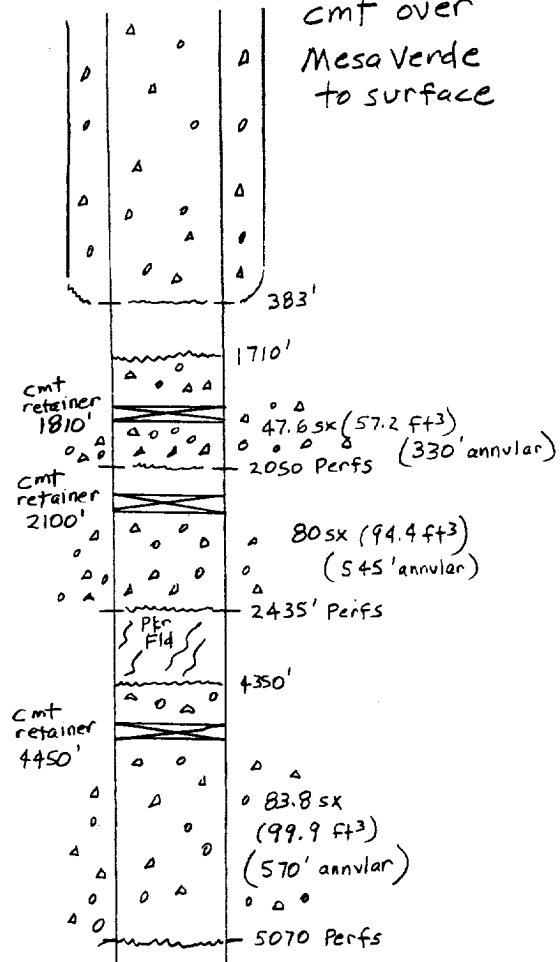
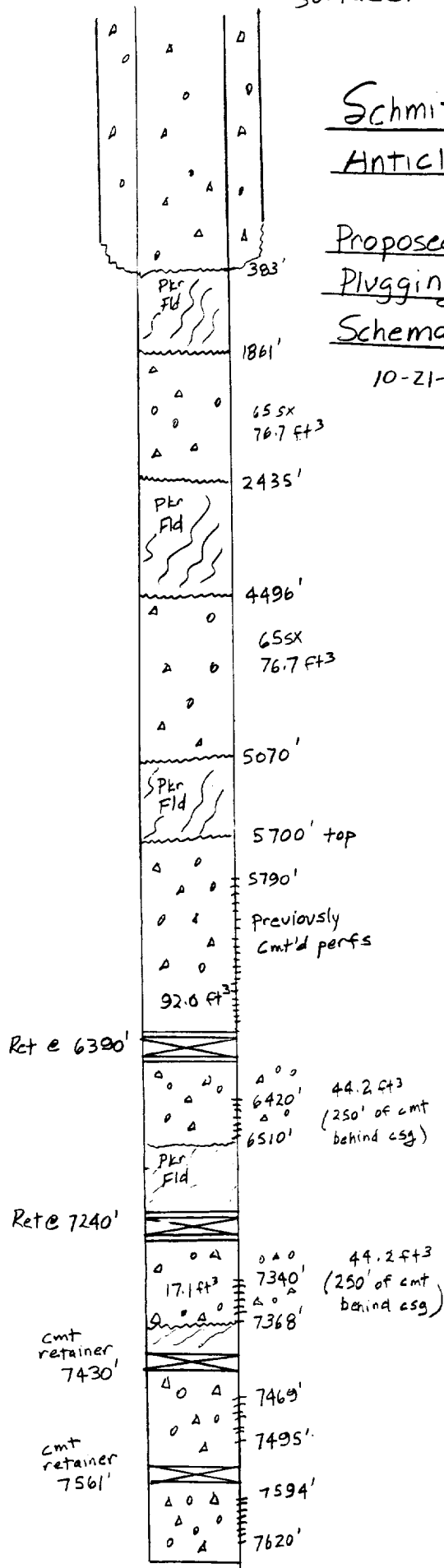
If bond log shows cmt to surface.

If bond log shows no cmt over Mesa Verde to surface

Schmitz Anticline

Proposed Plugging Schematic.

10-21-93



Formation	Top	Bottom
Ojo Alamo	1910	2050
Fruitland	2200	
Pictured Cliffs	2360	2385 (No Development)
Cliff House	4550	
Menefee	4760	
Pt. Lookout	4919	5020
Gallup	6250	
Greenhorn	7202	
Dakota	7350	

Schmitz Anticline #1

Present wellbore diagram 10-18-93

Formation Tops Btm

Btm TOP

Go Alamo	1910	2050	Pt Lookout	5020	4919
Fruitland	2200		Gallup		6250
Pictured Cliffs	2360	2385	Greenhorn		7202
Cliff House	4550		Dakota		7350
Menefee	4760				

5 1/2" csg cmt (all 100% returns)

Stage 1	470 sx (12.45*)	1.62	761 ft ³
	150 sx (15.6*)	1.18	177
Stage 2	710 sx (11.4*)	2.32	1647
	100 sx (15.6*)	1.18	118

8 5/8" 24"

333' w/ 318 ft³

5 1/2" 15.5# K-55 @ 7743'

1. Original completion - 9-1984

2. Work over 1985

Isolate perfs, testing w/ BP and pkr.

Interval 6420' - 6510' only significant oil show

Squeezed off 5790' - 6380' w/ 767 cuft cmt

Csg press tested to 1200 PSI.

3. Amoco requested Temp Abandonment on Dakota, approved July 26, 1985

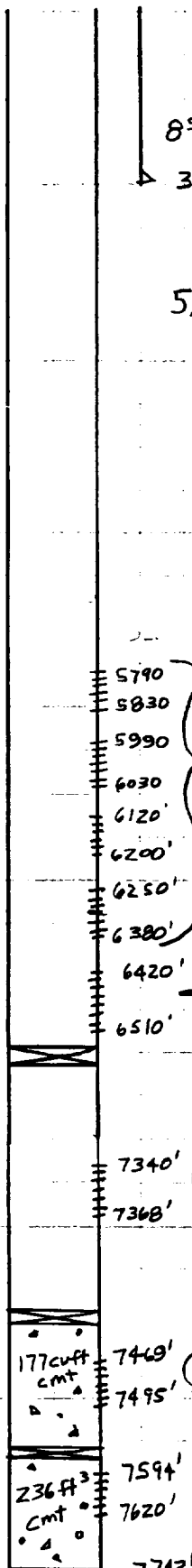
4. 10-1991 Hole in tbg. Tag up @ 6558'. Ran prod tbg, lowered 2 jts f/ original.

DV tool @ 5525'

CIBP @ 6575'

Cmt retainer 7430'

Cmt retainer 7561'



Attachment 'C'