

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.
30-039-24208

5. Indicate Type of Lease
STATE ☐ FEE ☒

6. State Oil & Gas Lease No.
8910195970

7. Lease Name or Unit Agreement Name
Bear Canyon Unit

8. Well No. #5

9. Pool name or Wildcat

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 TO PLUG BACK TO A
(FORM C-101) FOR SUCH PROPOSALS.)

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

2. Name of Operator
MW Petroleum / Apache Corporation

3. Address of Operator
2855 Southside River Rd. Suite A Farmington, NM 87401

4. Well Location
Unit Letter M : 850 Feet From The South Line and 850 Feet From The West Line

Section 12 Township 26N Range 2W NMMP Rio Arriba 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 ☐ Change P&A procedure.
OTHER: ☐

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.

MW Petroleum / Apache Corporation proposes to Plug and Abandon this well, leaving the wellbore to the Landowner for use as a water well. Should the Landowner decline the wellbore, the well will be cemented at the surface. See attached procedures.

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

SIGNATURE Stan Phillips TITLE Production Foreman DATE 8-24-98

TYPE OF PRINT NAME Stan Phillips TELEPHONE NO.

(This space for State Use)

APPROVED BY ORIGINAL SIGNED BY ERNIE BUSCH DEPUTY OIL & GAS INSPECTOR, DIST. 43 DATE AUG 25 1998

CONDITIONS OF APPROVAL, IF ANY:
* increase plugs #3 + #5 to 150' each

7-25-97

Completed 4-18-89

MW Petroleum

Bear Canyon Unit #5

850' FSL 850' FWL

Sec 12 T26N R2W Rio Arriba Co., NM

Existing Wellbore Diagram

14 3/4" hole
10 3/4" 40.5# csg
with 372 sx cmt
circ 15 bbls cmt
373'

1P 4-12-89 O BOPD
48 MCFD, 46 BNPD

2 7/8" Prod Tbg @ 7476'

9 7/8" hole

7 5/8" 29.7# csg

1st stage with 290 cu.ft. G cmt

2nd stage with 560 cu.ft. G cmt, unable to circ.

Cmt Top @ 2740'
(Temp Survey ran
next day after
cmt'ing job)

DV Tool @ 3972'

Formation Tops

Nacimiento	1702'
Ojo Alamo	3312'
Kirtland	3518'
Fruitland	3618'
Pictured Cliffs	3650'
Cliff House	5492'
Menefee	5560'
Point Lookout	5910'
Mancos Shale	6048'

6 3/4" hole

Liner Top @ 6318'

6639'

5" 18.0# csg liner
w/ 385 ft³ 50-50 POZ cmt

Perfs
7180'
7236'
7308'
7454'

7658'

1. Set, test anchors. Dig working pit. Set 2-400 bbl working tanks.
2. MIRUSU. Pull rods, pump, laying down. Release TA, TOH with tbg. If tbg visually looks to be in good condition, stand back 7200'. If - laydown. Bring in workstring.
3. Pick up 5" cmt retainer on tbg, set @ 7130'. Put stinger in neutral, press test tbg to 1000 PSI. Sting out, roll hole with produced water, circ to tank. Press test csg to 500 PSI.
4. Spot 15 sx (17.7 ft^3) from cmt ret to 6953'. Lay down tbg to 6380'. Displ w/ prod water.
5. Spot 20 sx (23.6 ft^3) from 6380' to 6250'. Lay down tbg to 5550'.
6. Spot 25 sx (25.8 ft^3) from 5550' to 5436'. Lay down tbg to 3700'.
7. Spot 100 sx (118 ft^3) from 3700' to 3242'. TOH, lay down all tbg, except 1700'.
8. Perf csg @ 1760'. TTH w/ tbg set cmt ret., set @ 1700'. Cmt w/ 65 sx (76.7 ft^3), squeezing 40 sx (47.2 ft^3) (200%) outside of csg, leaving 11 sx (13.0 ft^3) under cmt ret., 14 sx (16.5 ft^3) from cmt ret top to 1636'. TOH.
9. Perf csg @ 423'. If Landowner wants the wellbore, proceed to #10. If not, proceed to #9A.
 - 9A. Pump down csg, attempt to circ out braidenhead. TTH w/ tbg to 250', pull up against pipe rams.
 - 9B. Cmt down tbg w/ 50 sx (59 ft^3), squeezing 10 sx (11.8 ft^3) into space between the $7\frac{9}{8}$ " csg and the $10\frac{3}{4}$ " surface pipe csg, 18 sx (21.2 ft^3) (200% of volume) outside of csg, leaving 22 sx (26.0 ft^3) inside of csg from 423' to 302'. Shut in tbg until well has no flow back.
 - 9C. TOH to 70'. Circ tbg / csg with cmt (approx 15 sx). TOH.
 - 9D. Cutoff wellhead. TTH with 60' of 1" pipe between $7\frac{9}{8}$ " and $10\frac{3}{4}$ ". Cmt with approx 12 sx cmt. Lay down 1".
 - 9E. Fill csg voids with cmt. Weld on plate and dry hole marker.
 - 9F. Rig down, remediate land surface.
10. Pump down csg, attempt to establish circ out braidenhead. TTH with tbg to 360'. Pull up against pipe rams.

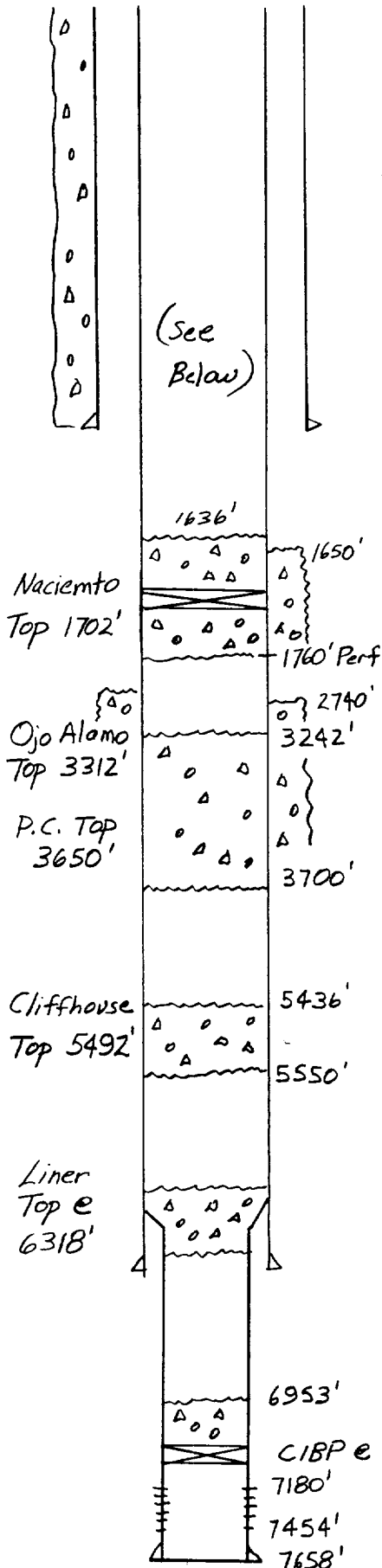
- 10A. Cmt down tbg w/ 33 sx (38.9 ft^3), squeezing 10 sx (11.8 ft^3) between csg's, 18 sx (21.2 ft^3) outside of csg, leaving 5 sx (5.9 ft^3) inside of csg from 423' to 400'. Shut in tbg until well has no flow back.
- 10B. T1H and tag cmt, verifying cmt top. T0H.
11. Landowner takes over 11A. through 11C.
 - 11A. Pickup $6\frac{3}{4}$ " bit on tbg. (Possibly have to use a stabilizer and collars). Pickup power swivel, drill out cmt from 400' to 423'. Press test csg to 300 PSI.
 - 11B. T1H to cmt top @ 1636'. Circ well with fresh water. T0H, laying down.
 - 11C. Perf csg to Landowner specifications.
12. Cutoff wellhead, weld on Landowners specified head.
13. Rig down, remediate land surface.

MW Petroleum (Apache Corporation) 8-21-98
 Bear Canyon Unit #5
 850' FSL 850' FWL
 Sec 12 T26N R2W Rio Arriba Co., NM

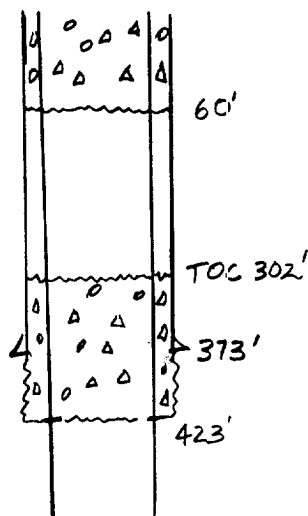
Proposed P & A'd Wellbore Diagram

Steve Stevenson, the Landowner of the surface
 has requested the wellbore for use as a water well.

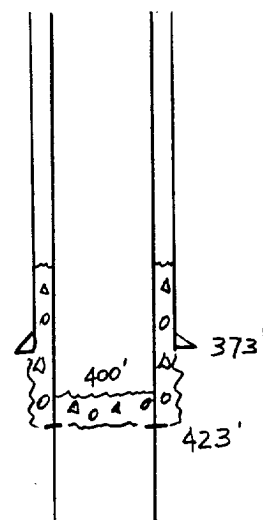
(See
 Below)



1. Set a CIBP @ 7130' with 15 sx (17.7 ft^3) cmt on top. Est. top @ 6953'.
2. Spot 20 sx (23.6 ft^3) from 6380' to 6250'
3. Spot 25 sx (25.8 ft^3) from 5550' to 5436'
4. Spot 100 sx (118 ft^3) from 3700' to 3242'
5. Perf csg at 1760'. Set a cmt retainer @ 1700'. Cmt w/ 65 sx (76.7 ft^3), leaving 40 sx (47.2 ft^3 - 200%) on outside of csg from 1760' to 1650', 11 sx (13.0 ft^3) on inside of csg from cmt ret @ 1700' to perf @ 1760', 14 sx (16.5 ft^3) from ret. to 1636'.



6. Landowner NOT
 wanting wellbore



Landowner WANTING
 wellbore