

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

Form C-103
Revised 1-1-89

OIL CONSERVATION DIVISION

P O BOX 2088
SANTA FE, NEW MEXICO 87508-2088

Submit 3 copies to
Appropriate District Office

DISTRICT 1
POBox 1980, Hobbs, NM 88240
DISTRICT 2
PODrawer DD, Artesia, NM 88210
DISTRICT 3
1000 Rio Brazos Rd., Aztec, NM 87410

RECEIVED
NOV 10 1994
OIL CON. DIV.
DIST. 3

WELL API NO.
30-045-27750

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

NME3094, E3387, E3091, E3093

7. Lease Name or Unit Agreement Name

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 NORTHWEST PIPELINE CORP.

8. Well No. COX CANYON UNIT #201

3. Address of Operator PO BOX 58900 SLC, UTAH 84158-0900

9. Pool Name or Wildcat BASIN FRUITLAND COAL

4. Well Location

Unit Letter A : 1110 Feet From The NORTH Line and 1292 Feet From The EAST Line

Section 16 Township 32N Range 11W NMPM SAN JUAN COUNTY

10. Elevation (Show whether DF, RKB, RT, GR, etc.)
6578' GR

CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐
PULL OR ALTER CASING ☐

PLUG AND ABANDON ☐
CHANGE PLANS ☐
OTHER ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☒
COMMENCE DRILLING ☐
OPINIONS ☐
CASING TEST AND CEMENT
JOB ☐

ALTERING CASING ☐
PLUG AND ABANDONMENT ☐
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.

See attached

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

SIGNATURE Sterg Katirgis TITLE SR. ENGINEER DATE November 7, 1994

TYPE OR PRINT NAME STERG KATIRGIS TELEPHONE NO. (801)584-6897

(This space for State Use)

APPROVED BY Johnny Robinson TITLE DEPUTY OIL & GAS INSPECTOR, DIST. #3

DATE NOV 10 1994

CONDITIONS OF APPROVAL, IF ANY:

10-10-94 MIRU

10-11-94 Tested BOPs and TOH with 2-3/8" tbg. PU BHA, collars and 3-1/2" drill pipe. Tagged fill and started to CO open hole @ 3152'. Returns were coal fines.

10-12-94 CO open hole from 3152' to 3182' with mist and 1700 cmf air. Returns running heavy amount of fine coal with signs of oil.

10-13-94 CO open hole with air mist using 10 BBLs water per hour. Tried connection but pipe sticking. Laid down jt, had tight spot @ 3204' to 3216'. Returns had some mud and parafin with up to 1/8" coal pieces and some sand. Shut off air and have 6-8' flare.

10-14-94 Clean out open hole to 3257 PBTD. Returns running medium amount of formation sand, small amounts of paraffin, and coal size ranging in size from 1/8" to dust. Shut off air and left 6' - 8' gas flare out of both 7" blooey lines.

10-15-94 Pitot test well 10-13-94 = 0 PSI. Shut in pressure after 1 hours = 17.5#. Surge well with 1000 PSI and 1250 PSI. Tag bridge at 5152'. Clean out open hole from 3152' to 3257' with air, mist, and water sweeps. Returns include paraffin, mud and coal ranging from dust to 1/2" in size.

10-16-94 SI for pressure buildup = 17.5 PSI. Surge open hole with air to 1350#. TIH and tagged fill @ 3152', 105' of fill. CO open hole with air, mist and sweeps. Returns included heavy amounts of coal ranging in size 1/8" to 1/2" and small amount of mud and parrafin.

10-17-94 CO open hole @ 3125' to 3152'. Returns running heavy amounts of coal, sizes 1/8" to 1/4" and trying to stick pipe. 8-10' flair with air off.

10-18-94 Clean out open hole from 3061' to 3216'. Started soap on foamer. Returns were running coal dust to 1/8" , Shale and small amount of frac sand.

10-19-94 Bridge @ 3212' trying to stick drill string. Clean out to 3257' PBTD. Returns running heavy amount of coal fines, and small amounts of shale, very little paraffin, small amounts of frac sand.

10-20-94 Cleaning out open hole after surging. Returns were running heavy to moderate coal fines ranging in size from dust to 1/8" in size and a small amount of shale and parafin.

PITOT TEST THROUGH 1" LINE:
60 mins 2.5 oz 62 MCF/D

10-21-94 Cleaning open hole. Rotate and reciprocate hole to clean. Returns were running coal from dust to 1/16" grains, frac sand, shale and parafin. Blew hole dry and TOH with bit to 7" csg. Gauged well.

PITOT TEST THROUGH 1" LINE:
60 mins 8.5 oz 112 MCF/D

10-22-94 Surging open hole with air. Cleaning open hole to 3257' PBTD. Returns were running heavy amount of coal (1/16" to dust), small amount of shale and medium 2to light amounts of frac sand.

PITOT TEST THROUGH 1" LINE:
60 mins 1# 158 MCF/D

10-23-94 Surging open hole with 3400 cfm air @ 1250#. Tagged fill @ 3180'. Cleaning out open hole returns were heavy amounts of coals (1/16" to dust), small amounts of shale and medium amounts of frac sand. Bridge @ 3210'.

10-24-94 Clean out open hole with air mist, sweeps and foamer to PBTD @ 3257'. Returns were running heavy amounts of coal (1/16" to dust) with traces of parafin and medium amounts of frac sand. Ran pitot test and surge well with 1350#.

PITOT TEST THROUGH 1" LINE:

60 mins 3.0# 313 MCF/D

10-25-94 Surge open hole with air mist. TIH and tagged fill. Clean out open hole. Returns were running heavy amounts of coal (1/16" to dust), small amounts of shale, medium amounts of frac sand and small amounts of parafin.

Continued from page 2

10-26-94 Surging open hole with mist and air. Clean out open hole from 3180' to 3257' PBTD. Returns were running heavy amounts of coal 1/16" to dust, frac sand, small amounts of parafin and shale. Surging open hole. Surges bringing coal dust and water back.

Pitot test through 1" line

60 mins 3.5# 338

90 mins 3.5 338

10-27-94 Surging open hole @ 1100#. TIH and tagged fill @ 3185'. Clean out open hole. Returns were running 90% of coal and 10% frac sand and shale.

10-28-94 CO open hole from 3185' to 3195'. Returns were running 70% coal sizes 1/16" to 1/4", 20% frac sand and 10% shale. Well is starting to bring bigger material and less emulsion.

10-29-94 CO open hole from 3195' to 3226'. Returns were running heavy amounts of coal sizes 1/16" to 1/8", 60% coal, 5% shale and 35% frac sand. Well is starting to bring up more solids and less emulsion.

10-30-94 CO open hole with air and water. Returns were running heavy amounts of coal, sizes dust to 1/4", shale and frac sand. Surge open hole. Pitot test indicates formation plugged with fines.

10-31-94 TIH and tagged 62' of fill. Clean out to PBTD @ 3257'. Returns running heavy amounts of coal sizes from dust to 1/16", small amount of parafin and frac sand. TOH into 7" with bit. Started surging open hole.

11-01-94 Clean out open hole. Returns running 50% coal, 25% emulsion, 15% frac sand and 10% shale.

11-02-94 Clean out open hole to PBTD @ 3257'. Rotate and reciprocate @ 3257'. Dry up hole and ran pitot test and shut in pressure test.

Pitot Test through 1" line

60 mins 2.75# 253 MCF/D

11-03-94 Rig released.