

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

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

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87418

WELL API NO.	03-045-23197
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.)

1. Type of Well: OIL WELL ☐ GAS WELL ☒ OTHER	7. Lease Name or Unit Agreement Name Montoya 27
2. Name of Operator Hallwood Petroleum, Inc.	8. Well No. 1
3. Address of Operator P.O. Box 378111, Denver, Colorado 80237	9. Pool name or Wildcat Basin Fruitland Coal
4. Well Location Unit Letter <u>P</u> : <u>790</u> Feet From The <u>South</u> Line and <u>790</u> Feet From The <u>East</u> Line Section <u>27</u> Township <u>32N</u> Range <u>13W</u> NMPM San Juan County	

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

5,850' KB, 5,838' GL

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: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOB ☐
OTHER: Plug Back/Recompletion ☒

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.

From the period 8/3/93 to 8/13/93 Hallwood Petroleum, Inc. abandoned the Dakota and Mesa Verde formations in the Montoya #27-1 and plug backed (recompleted) uphole to the Basin Fruitland Coal (2,005-2,038') a detailed procedure of the work performed and a wellbore diagram are attached for your records. This well is now classified in the "Basin Fruitland Coal" Field.

RECEIVED
SEP 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 Kevin E. O'Connell TITLE Dir. & Prod. Supervisor DATE 9/13/93
TYPE OR PRINT NAME Kevin E. O'Connell TELEPHONE NO. (303) 850-7373

(This space for State Use)

APPROVED BY Emilio Busch TITLE DEPUTY OIL & GAS INSPECTOR, DIST. #3 DATE SEP 21 1993

CONDITIONS OF APPROVAL, IF ANY:

C-104 For Plat

Montoya #27-1 (FC)
Basin Fruitland Coal
San Juan County, New Mexico
OP: Hallwood Petroleum, Inc.

WESTERN DISTRICT
SPG 1227
AFE #3142030 - \$147,890
100% WI

PROCEDURE: P & A Mesa Verde and Dakota.
Recomplete uphole to Fruitland coal.

08/04/93 FIRST REPORT. MI & RU Drake WS PU #28 on 8/2/93. Blow down Dakota tbg. Blow down MV tbg. Pmpd 80 bbls 8.4 40 Vis mud down MV tbg, killed well. Pmpd 40 bbls H₂O down Dakota tbg. ND wellhead, NU BOP's, POOH w/ MV tbg. ²Worked Dakota tbg, POOH w/ 192 jts (5,980') 2-3/8" 4.7 J-55 tbg. Seal assembly & 26 jts (810'), 2-1/16" IJ 3.25# J-55 tbg.
08/05/93 TIH w/ 4-1/2" csg scraper to 5,840' KB. POOH w/ tbg & csg scraper. RU Blue Jet Wireline & RIH w/ 4-1/2" cmt ret set @ 5,793'. TIH w/ 2-3/8" tbg & cmt stinger, stung into cmt ret & pmpd into Dakota form @ 2 BBL/min @ 500 psi. Pumped 50 sxs neat cmt by Western Company @ 2 BBL/min @ 500 psi, final displacement @ 2 BBL/min @ 1500 psi. Pulled out of ret, POOH w/ tbg & stinger.
08/06/93 Fin TIH w/ 7" csg scraper & 2-3/8" tbg. Tag liner top @ 4,791'. RU Blue Jet WL, RIH & set 7" CIBP @ 4,450' KB. RIH & dump 35' cmt on to CIBP w/ dump bailer.
08/07/93 RU Blue Jet WL. RIH & perforated 8 holes 2,300-2,308'. RIH & set 7" cmt ret @ 2,270'. TIH w/ cmt stinger & 2-7/8" tbg, press test cmt ret & csg to 1000 psi, test "OK". Stung into ret & pmpd 3-1/2 BBL/min @ 600 psi. RU Western Company & pmpd 300 sxs class "B" cmt 600 psi 2-1/2 BBL/min. Final rate 1-1/2 BBL/min press 900 psi. POOH w/ tbg.
08/08/93 Shut down for weekend & WOC.
08/10/93 RU Blue Jet & ran CBL, VDL CCL & GR Logs, tag @ 2,136' (soft). Have 80-100% cmt bond from 2,136-2,005', no cmt above 2,005' which is right at the top of the coal. RIH & perfed 4 squeeze holes @ 1,950' KB. Pmpd into perf 2 BBL/min @ 1000 psi. TIH w/ 7" Arrow A-3 tension packer set @ 1,770' KB. RU Western Company, put 600 psi on csg, pmpd 10 BBLs H₂O down tbg, broke circ out Bradenhead. Mixed & pmpd 50 sxs neat & 150 sxs "B" w/ 1% CaCl. Final squeeze press 1600# w/ no bleed back. POOH w/ tbg & pkr.
DC: \$9,800 CC: \$42,240
08/11/93 TIH w/ 6-1/4" bit & csg scrapper, 2-7/8" tbg, tag cmt @ 1,804', drilled out 150' hard cmt. TIH to 2,140' press test csg & squeeze perfs to 1000 psi-15 min-"OK", POOH w/ tbg. RU Blue Jet & ran CBL-VDL-CCL & GR logs corr to Schlumberger -FDC/CNL 12-3-78. Have 100% bond from 1,960-1,850' & 50-90% to cmt top 1,480'. RIH w/ 4" HSC csg gun & perfed 4 JSPF from 2,108-2,038', 2 runs & 4 JSPF. Total holes across Basal Coal 264.

08/12/93 RU Western Company & wellhead isolation tool, test lines OK. Fraced Fruitland Coal (2,005-2,0038'); spear head frac w/ 1000 gals 7-1/2% HCL acid, fraced w/ Western -Viking I-30# gel w/ 22,560# 40/70 Brady sand & 122,380# 12/20 Brady sand, 70,686 gals H₂O, avg rate 51 BPM, avg press 2150#, max rate 51 BPM, max press 2500 psi on #5 sand.

08/13/93 TIH to PBTd to check fill, land tbg & run pump rods. 0# csg press. Well flowing 5 BPHR. TIH w/ notch collar & 2-7/8" tbg. Tag sand @ 1,930' KB.

08/14/93 Well flowed 210 bbls H₂O in 13 hrs (avg 13/15 bbls hr). TIH to PBTd of 2,136' KB no fill. Pulled & set tbg w/ 64 jts @ 2,101' GL w/ SN @ 2,067' GL, ND BOP's & NU tree. RIH w/ 2-1/2" X 1-1/2" X 16' RWAC pump w/ lubri-plunger & 78 3/4" rods, 6 K-bar, 2 2' pony & 1 8' pony, clamped off rods.

08/15/93 Shut-in.

08/20/93 Produced 180 BW & 3 MCF @ 118# FLP.

09/09/93 Produced 164 BW & 105 MCF @ 212# FLP.

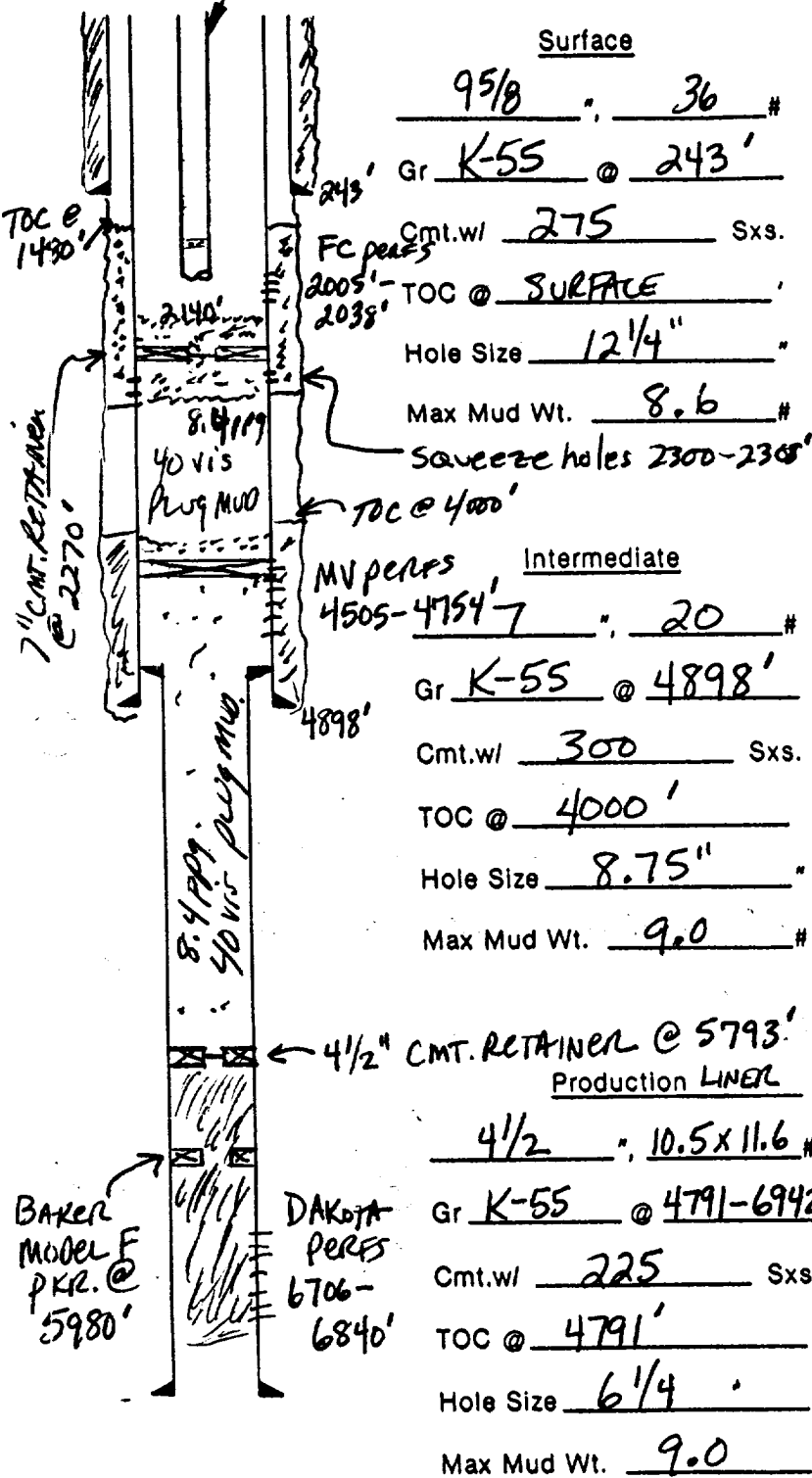
09/10/93 Produced 100 BW & 150 MCF @ 220# FLP, high line psi.

2 1/8" 6.4# J-55 T06 @ Hallwood Energy Companies

2101' GL

Well History Record

8/13/93



WELL: MONTOKA #27-1 (FC)

LOCATION: SESE Section 27-T32N-R13W
(790' FSL X 790' FEL)

SPUD DATE: 11/24/78

RECOMPL. DATE: 8/13/93

T.D.: 6953' PBTD: 2140

FIELD: BASIN FRUITLAND COAL

ZONES: BASAL COAL

PERFS: 2005-2038' (8SPF)

TOTAL 264 HOLES

ELEVATIONS: 5850' KB, 5838' GL

STIMULATION:

8/5/93: SQUEEZED DAKOTA PERFS
W/ 50SX CEMENT, WOULD NOT
TAKE ANY MORE CEMENT, PRESS.
UP QUICKLY WITH CEMENT ON
PERFS.

8/6/93: SET A 7" CIPP OVER MV
PERFS @ 4450', CAP W/ 35' CMT.

8/7 TO 8/11/93: Squeeze & CIRCULATED
500 SXS OF CEMENT (2 JOBS) FROM
2308' TO 1480'. PERF BASAL COAL
2005-2038' AT 8SPF, 264 HOLES.

8/12/93: FRACED BASAL FRUITLAND COAL WITH 1000 GALS. SPERHEAD 7 1/2% HCL ACID,
WESTERN VIKING I-30 GEL, 22,560# 40/70 BRADY SAND, AND
122,380# 12/20 BRADY SAND, 70,686 GALLONS AVE RATE 51 BPM,
AVE. PRESS 2150#, MAX PRESS. 2500 PSI ON 5# GEL SAND.

Well equipped with 64 JTS. $2\frac{1}{8}$ " J-55 TBG.
Set at 2101' GL, SN (seating nipple) at 2067' GL,
Perf. Sub at 2068' GL'

Well has an $2\frac{1}{2}$ " x $1\frac{3}{4}$ " x 16' RWAE pump,
78 - $\frac{3}{4}$ " rods, 6 K-BARS, 2-2' ponys &
1-8' pony.

Well has a MORGAN 320-256-100
pumping unit, SN 101-1093