

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies
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

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-105
Revised 1-1-89

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

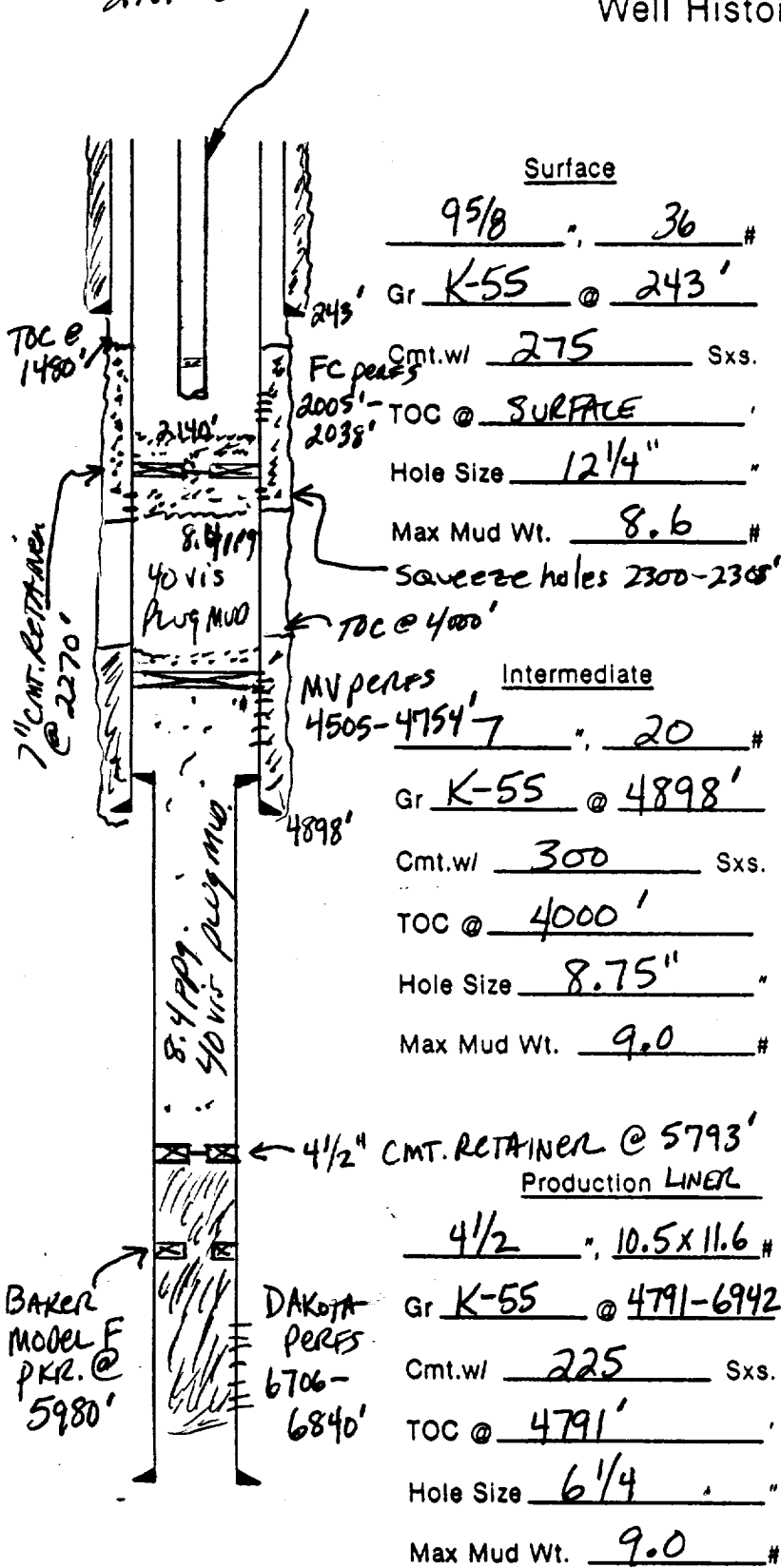
WELL API NO.
30-045-23197
5. Indicate Type of Lease
STATE ☐ FEE ☒
6. State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG							
1a. Type of Well: OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER ☐							
b. Type of Completion: NEW WELL ☐ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☒ DIFF RESER ☒ OTHER ☐ Recompletion							
2. Name of Operator: Hallwood Petroleum, Inc.							
3. Address of Operator: P.O. Box 378111, Denver, CO 30237							
4. Well Location: Unit Letter P : 790 Feet From The South Line and 790 Feet From The East Line							
Section: 27		Township: 32N		Range: 13W NMPM San Juan County			
10. Date Spudded: 11/24/78	11. Date T.D. Reached: 12/9/78	12. Date Compl. (Ready to Prod.): 8/20/93	13. Elevations (DF & RKB, RT, GR, etc.): 5850' KB & 5838' GL	14. Elev. Casinghead: 5,838'			
15. Total Depth: 6,953'	16. Plug Back T.D.: 2,140'	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By: Rotary Tools 0-6953	Cable Tools			
19. Producing Interval(s), of this completion - Top, Bottom, Name: Basal Fruitland Coal Top at 2,005' Bottom at 2,042'				20. Was Directional Survey Made: NO			
21. Type Electric and Other Logs Run: CBL				22. Was Well Cored: No			
23. CASING RECORD (Report all strings set in well)							
CASING SIZE	WEIGHT LB/FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED		
9-5/8"	36# K-55	243'	12.25"	275 sxs	0		
7"	20# K-55	4,898'	8.75"	300 sxs	0		
Cement squeeze #1, perfs 2,300-2,3008' with 300 sxs Class "B"							
Cement squeeze #2, perfs 1,950' with 200 sxs Class "B"							
New top of cement behind 7" casing is at 1,480'							
24. LINER RECORD				25. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
4.5	4791	6942	425	N/A	2-7/8"	2101	N/A
26. Perforation record (interval, size, and number): 2,005-2,038', 0.50" holes, 8 SPE & 264 holes				27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.			
				DEPTH INTERVAL			AMOUNT AND KIND MATERIAL USED
				2,005-2,038'			100 gal 7.5% acid, 70,686 gallons gel and 22,560#
							40/70 & 122,380# 12/20 sand
28. PRODUCTION							
Date First Production: 8/20/93		Production Method (Flowing, gas lift, pumping - Size and type pump): Pumping - 1.5" RWAC Pump			Well Status (Prod. or Shut-in): Production		
Date of Test: 9/10/93	Hours Tested: 24	Choke Size: Open	Prod'n For Test Period: 0	Oil - Bbl: 150	Gas - MCF: 100	Water - Bbl: N/A	
Flow Tubing Press.: 65#	Casing Pressure: 65#	Calculated 24-Hour Rate: 0	Oil - Bbl: 150	Gas - MCF: 100	Water - Bbl: N/A	Oil Gravity - API - (Corr.): N/A	
29. Disposition of Gas (Sold, used for fuel, vented, etc.): Sold - El Paso					Test Witnessed By: D. Elworthy		
30. List Attachments: Wellbore Diagram							
31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief							
Signature: Kevin E. O'Connell		Printed Name: Kevin O'Connell		Title: Drlg. & Prod. Manager Rockies & Mid-Con Date: 3/10/94			

2 7/8" 6.4# J-55 T06 @ Hallwood Energy Companies
2101' GL

8/60 9/13/93

Well History Record



WELL: MONTROYA #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' P.B.T.D.: 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/ 50 SX CEMENT, WOULD NOT
TAKE ANY MORE CEMENT, PRESS.
UP QUICKLY WITH CEMENT ON
PERFS.

8/6/93: SET A 7" CIBP 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. SPEARHEAD 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#/GAL SAND.

Well has A Morgan 320-256-100
pumping unit, SN 101-1093

1-8' pony.

78-3/4" rods, 6 K-BARS, 2-2' ponys &

Well has an 2 1/2" x 3/4" x 16' RWAC pump,

perf. sub at 2068' GL

Set at 2101' GL, SN (SENTRIC APP/E) AT 2067' GL

Well equipped with 64 JTS. 2 7/8" J-55 T&C.