

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. 30-045-27728
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. E 27242
7. Lease Name or Unit Agreement Name Atlantic Fruitland 32
8. Well No. 1
9. Pool name or Wildcat Basin Fruitland Coal
10. Elevation (Show whether DF, RKB, RT, GR, etc.)

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 ☒ Shut-In OTHER
2. Name of Operator Vastar Resources, Inc.
3. Address of Operator 1816 E. Mojave, Farmington NM 87401 (505) 599-4300

4. Well Location Unit Letter <u>K</u> : <u>1500</u> Feet From The <u>South</u> Line and <u>1350</u> Feet From The <u>West</u> Line Section <u>32</u> Township <u>31N</u> Range <u>10W</u> NMPM <u>San Juan</u> 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: Mechanical Integrity Test ☒

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.

Vastar conducted a mechanical integrity test per BLM and NMOCD requirements on the subject shut-in well on 09/16/96. Prior to testing the SITP = 390 psi and the SICP = 332 psi. A P 'X' plug was run in 2-7/8" tbg and set in the 'X' nipple @ 2542'. The 2-7/8" tbg and 5-1/2" x 2-7/8" annulus were filled with 2% KCl and pressured to 573 psi. Csg and tbg pressures were monitored for 30 min and the csg pressure recorded on a chart recorder (copy of pressure chart attached). Initial SICP = 573 psi, final SICP = 573 psi. Pressure was released into a vacuum truck, the P'X' plug pulled fm the 'X' nipple, and the well returned to shut-in status.

cc: NMOCD-Aztec-Orig + 3
Well File
N. Hall/FAR

RECEIVED
SEP 27 1996

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

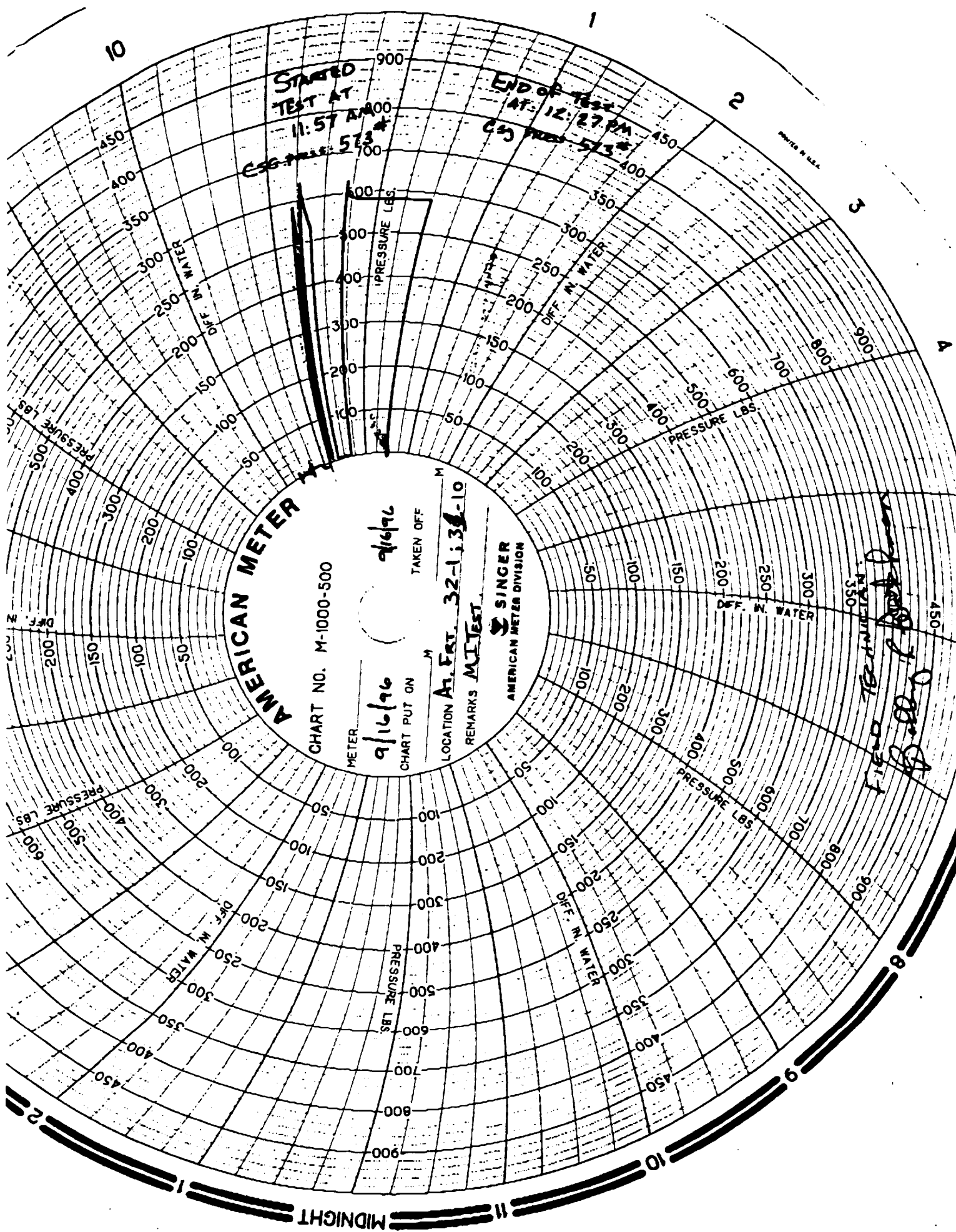
SIGNATURE Tom Weinheimer TITLE Sr. F/P Engineer DATE 9/23/96

TYPE OR PRINT NAME

TELEPHONE NO.

(This space for State Use)

APPROVED BY James Cardona TITLE Deputy Asst Inspector DATE SEP 27 1996
CONDITIONS OF APPROVAL, IF ANY: Next time - P.M.O.C.D needs to be notified 48 hrs in advance, before any M.I.T.s are conducted on state or fee wells.



STARTED
TEST AT

11:57 AM

CSG PRESS 573*

END OF TEST
AT: 12:27 PM

CSG PRESS 573*

AMERICAN METER

CHART NO. M-1000-500

METER

9/16/96
CHART PUT ON

9/16/96
TAKEN OFF

LOCATION AT. FRT. 32-1:38-10

REMARKS MITEST

SINGER
AMERICAN METER DIVISION

FIELD TEST REPORT
311
J. B. Allen
J. B. Allen

MIDNIGHT

Atlantic Fruitland #32-1

Spudded: 05/30/90 Completed: 06/29/90 Section: 32 Township: 31N Range: 10W GL: 6152' KB: 6164'
Location: (NeSw) 1500' FSL & 1350' FWL API No: 30-045-27728 Unit Letter: K Lease Designation No: E27242 (State)

Tubing & Assembly: (06/28/90)

34 Jts: 2-7/8", 6.5#, EUE, 8rd, J-55	1103.51'
Otis Sidepocket Gaslift Mandrel (Set from 1113.51' - 1120.71' KB)	7.20'
24 Jts: 2-7/8", 6.5#, EUE, 8rd, J-55	778.14'
Otis Sidepocket Gaslift Mandrel (Set from 1898.85' - 1906.05' KB)	7.20'
19 Jts: 2-7/8", 6.5#, EUE, 8rd, J-55	627.16'
Otis Sidepocket Gaslift Mandrel (Set from 2523.21' - 2530.41' KB)	7.20'
Sub: 2-7/8", 6.5#, EUE, 8rd, J-55	6.00'
Packer: 5-1/2" 13 - 15.5# ER-VI (Set from 2536.41' - 2542.16' KB) Set with 8,000# Compression.	5.75'
"X" Profile Nipple: Otis 2.313" (Set from 2542.16' - 2543.36' KB)	1.20'
Perforated Sub: 2-7/8", 6.5#	6.20'
1 Jt: 2-7/8", 6.5#, EUE, 8rd, J-55	32.50'
"XN" Profile Nipple: Otis 2.313" with 2.205" nogo. (Set from 2582.06' - 2583.36' KB)	1.30'
Wireline Re-entry Guide	0.44'
Subtotal:	2573.80'
Adjusted KB:	10.00'
End of Tubing (KB):	2583.80'

$$2536 \times .00579 = 14.7 \text{ BBL}$$

$$2536 \times .0158 = 40.1 \text{ BBL}$$

$$54.8 \text{ BBL}$$

Geological Markers: (Expected Tops)

Fruitland:	2485'
Base of coal:	2835'
Pictured Cliffs:	2835'

PBTD: 2890'

TD: 2935'

Surface Casing:

8-5/8"
csg set
@ 509' KB.

12-1/4" hole drill to 509' KB.

12 Jts: 8-5/8", 24#, J-55, 8rd, ST&C	464.51'
Float Collar: Baker	1.00'
1 Jt: 8-5/8", 24#, J-55, 8rd, ST&C	42.39'
Guide Shoe: Baker	1.10'
Total pipe run in hole:	509.00'
Less cutoff pipe:	12.00'
Total pipe tally left in hole:	497.00'
RKB to cutoff:	12.00'
Total setting Depth:	509.00'

3 Baker Centralizers at: (Bow Type) 172', 258', 342', 414', 499'.

Cemented with 350 sx class "B" plus 2% cad and 1/4# per sx flocele (wt: 15.6 ppg, Yield 1.18 cu ft per sx, mix water: 5.2 gal/sx). Circulated 30 bbls cement to Reseve pit. Bump plug. Float held. Tested casing to 2,000# for 30 minutes. OK.

Production Casing:

7-7/8" hole drilled to 2935' KB.

68 Jts: 5-1/2", 15.5#, J-55, LT&C, 8rd	2898.96'
Float Collar: Baker	1.50'
1 Jt: 5-1/2", 15.5#, J-55, LT&C, 8rd.	42.39'
Float Shoe: Baker	0.80'
Total pipe run in hole:	2943.65'
Less cutoff:	20.65'
Total pipe tally left in hole:	2923.00'
RKB to cutoff:	12.00'
Total setting depth:	2935.00'

5 Baker Centralizers (Bow type) at: 2591', 2677', 2763', 2847', 2920'.

Cemented with 600 sx HLC class "B" 65/35 with 6% gel and 1/4# per sx flocele (wt: 12.4 ppg, yield: 1.18 cu ft/sx, mix water: 9.75 gal/sx) followed with 200 sx class "B" neat (wt: 15.6 ppg, yield: 1.18 cu ft/sx, mix water: 5.2 gal/sx) - lost 60% of returns while displacing @ rate of 3 - 4 bbl/min. Est loss 50 bbls of 68 bbls displacement, bump plug, float held, circulated back thin scavenger cement with gel flake (10 bbls). Nipple down, set casing slips w/ wt of 55,000#. Cut off casing. Run temp survey after 8 hrs, good cement @ 580', hole had stayed full. 06/15/90: PU 5-1/2" csg off slips w/75,000#, removed slips from bradenhead. RIH 19 jts 1" via 5-1/2" X 8-5/8" annulus 485' - 1" not go any deeper. 10 bbl FW, 100sx class "B" @ 15.6 ppg, 1.18 cu ft/sx - circulated 20 sx. TOH 1", reset casing slips w/55,000#. Tested tbg head seals to 2,000# OK.

Fruitland Perforation:

Upper: 2592' - 2610', 2640' - 2695' (2spf .50")
Frac'd w/ 2759 bbls & 329,700# sand.

Lower: 2728' - 2736', 2773' - 2783' (2spf .50")
Frac'd w/ 877 bbls & 116,180# sand.

5-1/2" casing set
@ 2935' KB

Wellbore updated 05/14/96
By: Bobby R. Watchman