Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

RECEIVED
BLM
96 SEP 27 PM 1:33
070 FARMINGTON, NM

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT--" for such proposals

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.: NM 013688
6. If Indian, Allottee or Tribe Name:
7. If Unit or CA, Agreement Designation: NMNM 87131
1. Type of Well: ☐ Oil Well ☒ Gas Well ☐ Other
8. Well Name and No.: Atlantic Fruitland 24 #1
2. Name of Operator: Vastar Resources, Inc.
9. API Well No.: 30-045-27951
3. Address and Telephone No.: 1816 E. Mojave St., Farmington, NM 87401 (505) 599-4300
10. Field and Pool, or Exploratory Area: Basin Fruitland Coal
4. Location of Well (Footage, Sec., T., R., M., or Survey Description): B
NWNE 948' FNL & 1925' FEL Sec. 24, T-31N, R-10W NMPM
11. County or Parish, State: San Juan, New Mexico

TYPE OF SUBMISSION		
☐ Notice of Intent	☐ Abandonment	☐ Change of Plans
☒ Subsequent Report	☐ Recompletion	☐ New Construction
☐ Final Abandonment Notice	☐ Plugging Back	☐ Non-Routine Fracturing
	☐ Casing Repair	☐ Water Shut-Off
	☐ Altering Casing	☐ Conversion to Injection
	☒ Other MECHANICAL INTEGRITY TEST	☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Vastar conducted a mechanical integrity test per BLM and NMOCD requirements on the subject shut-in well on 09/17/96. Prior to testing, the SITP = 276 psi and SICP = 276 psi. A P'X' plug was run in 2-7/8" tbg and set in the 'X' profile in the on/off tool at 3052'. The 2-7/8" tbg and 7" x 2-7/8" annulus were filled with 2% KCl and pressured to 610 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 = 610 psi, Final SICP = 610 psi. Pressure was released into a vacuum truck, the P'X' plug pulled fm the 'X' profile and the well returned to shut-in status.

RECEIVED
OCT - 3 1996
OIL CON. DIV.
DIST. 3

cc: BLM, Farm - Or + 3
NMOCD, Aztec
Well File
N. Hall

14. I hereby certify that the foregoing is true and correct

Signed Tom Heinkimer Title Sr. F/P Engineer Date 09/23/96

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

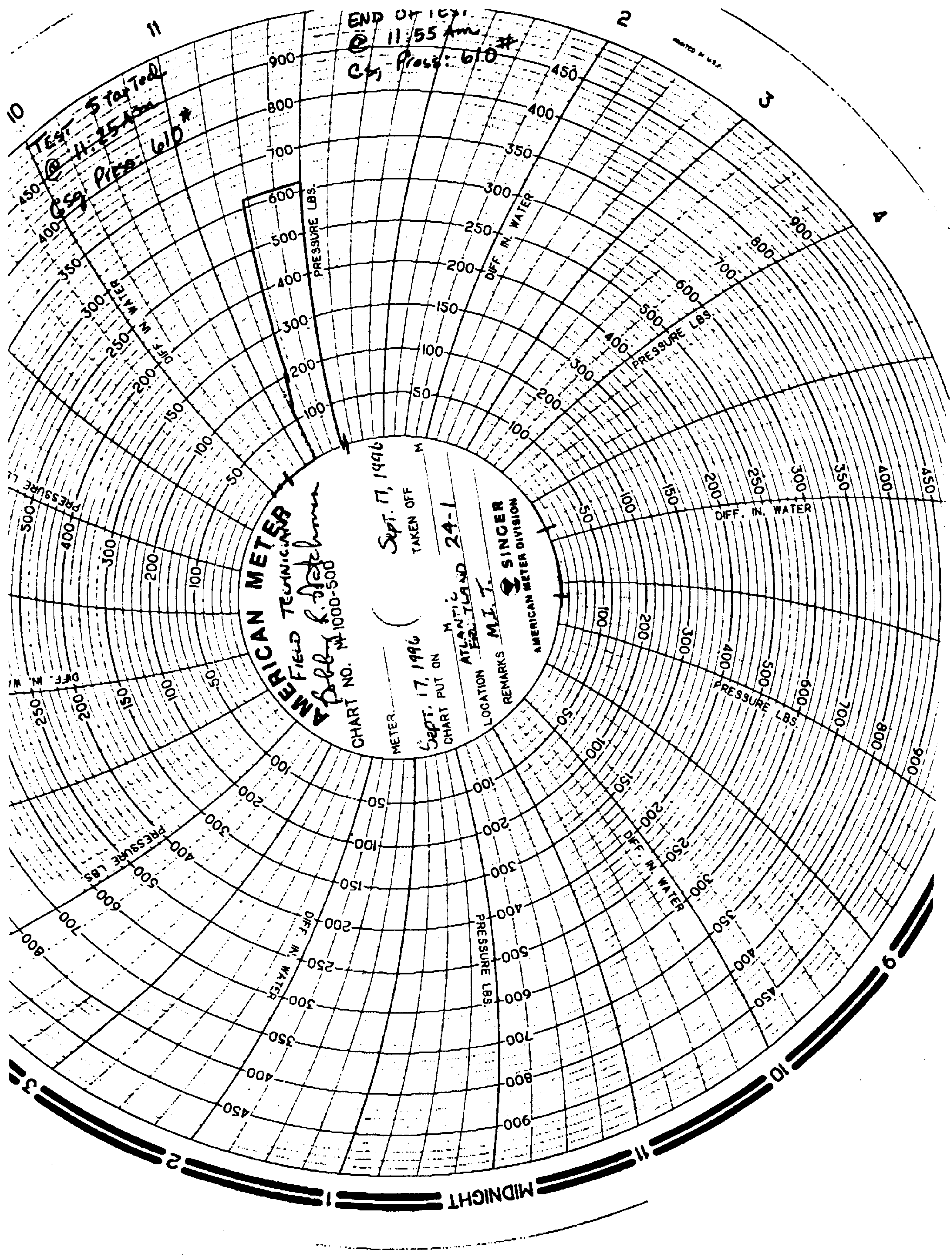
Conditions of approval, if any:

ACCEPTED FOR RECORD
SEP 30 1996
FARMINGTON DISTRICT OFFICE
BY

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

NMOCD



END OF TEST
@ 11:55 Am
Csg Press: 610 #
TEST STARTED
Csg Press: 610 #
AMERICAN METER
Field Technician
CHART NO.
METER
Sept. 17, 1996
CHART PUT ON
Sept. 17, 1996
TAKEN OFF
M
LOCATION
24-1
REMARKS
M.I.T.
SINGER
AMERICAN METER DIVISION
PRESSURE LBS.
DIFF. IN. WATER
MIDNIGHT

Atlantic Fruitland #24-1

Spudded: 07/22/90 Completed: 09/26/90 Section: 24 Township: 31N Range: 10W GL: 6571' KB: 6583'
Location: (NwNe) 948' FNL & 1925' FEL API No: 30-045-27951 Unit Letter: B Lease No: NMSF 013688
Communitization Agreement No: NMNM 87131

Tubing & Assembly: (09/23/90)

39 Jts: 2-/78", 6.5#, EUE, 8rd, J-55	1266.96'
Otis Sidepocket Gaslift Mandrel (Set from 1278.96' - 1285.11' KB)	6.15'
30 Jts: 2-7/8", 6.5#, EUE, 8rd, J-55	970.40'
Otis Sidepocket Gaslift Mandrel (Set from 2255.51' - 2261.66' KB)	6.15'
24 Jts: 2-7/8", 6.5#, EUE, 8rd, J-55	778.40'
Otis Sidepocket Gaslift Mandrel (Set from 3040.06' - 3046.21' KB)	6.15'
Sub: 2-7/8", 6.5#, EUE, 8rd, J-55	6.10'
On / Off Tool: 7" Seal Divider with 2.313" profile. (Set from 3052.31' - 3053.56' KB)	1.25'
Packer: 7" Otis NLS 20-23# (Set from 3053.56' - 3056.76' KB) Set with 10,000# Compression.	3.20'
ChangeOver: 3-1/2" X 2-7/8"	0.82'
Sub: 2-7/8", 6.5#, EUE, 8rd, J-55	3.15'
"X" Profile Nipple: Otis 2.313" (Set from 3060.73' - 3061.94' KB)	1.21'
Perforated Nipple: 2-7/8", 6.5#	6.18'
Sub: 2-7/8", 6.5#, EUE, 8rd, J-55	10.05'
"XN" Profile Nipple: Otis 2.313" with 2.205" NoGo. (Set from 3078.17' - 3079.42' KB)	1.25'
Wireline Re-entry Guide	0.45'
Subtotal:	3067.87'
Corrected KB:	12.00'
End of Tubing (KB):	3079.87'

Surface Casing:

9-5/8" csg set @ 272' KB.

12-1/4" hole drill to 272' KB.

5 Jts: 9-5/8", 36#, J-55, 8rd, ST&C	217.45'
FC:	0.93'
1 Jt: 9-5/8", 36#, J-55, 8rd, ST&C	42.88'
TPGS:	0.63'
Total pipe run in hole:	261.89'
Less cutoff pipe:	2.89'
Total pipe tally left in hole:	259.00'
RKB to cutoff:	13.00'
Total setting Depth:	272.00'

3 Howco Centralizers at: (Bow Type) 94', 182', 262'.

Cmt'd: 20 bbls FW ahead of 200 sx class "B" plus 2% cacl plus 1/4# per sx celloflake (236 cu. ft. slurry pumped @ 5 barrels per minute). Bump plug with 750 PSI. Float held okay. Circulated 20 bbls cement to pit. Pressure test casing to 900# for 30 minutes, tested OK.

Production Casing:

8-3/4" hole drilled to 3135' KB.

71 Jts: 7", 23#, N80, LT&C, 8rd.	3095.33'
Float Collar:	0.82'
1 Jt: 7", 23#, N80, LT&C, 8rd.	44.05'
Float Shoe:	1.27'
Total pipe run in hole:	3141.47'
Less cutoff:	17.72'
Total pipe tally left in hole:	3123.75'
RKB to cutoff:	11.25'
Total setting depth:	3135.00'

5 Halliburton Centralizers (Bow spring type) at: 2779', 2887', 2967', 3045', 3123'.
23 Turbolators at: 254', 380', 459', 547', 636', 727', 815', 906', 994', 1043', 1085', 1175', 1264', 1351', 1435', 1523', 1611', 1695', 1784', 1873', 1982', 2051', 2096'.

Cemented with 20 bbl water ahead of 450 sx 65/35 pozmix with 6% gel plus 1/4# per sx celloflake @ 10.2 - 12 ppg, 1.8 cu. ft. per sx (1700 bls) followed by 100 sx class "B" neat (21 bbls) @ 15.6 ppg 1.8 cu. ft. per sx displaced with 120 bbls water. Returned 30 bbls cement (93 sx) lead to pit. Floats held. Set casing slip with 58,000# wt. Pressure test casing to 3,000#.

3040 x .00579 = 17.6 BBL
3040 x .0313 = 95.2 BBL
111.8 BBL

7" casing set @ 3135' KB

Geological Markers:

Fruitland: Top: 3166' Bottom: 3310'
Estimated Top of Pictured Cliffs: 3389'

09/24/96 - plug @ 3061
Pulled 9/27/96

TD: 3344'

Fruitland Formation - Open Hole:

Open Hole 3135' - 3344'
(Frac'd with 1500 gals & 2,845,000 SCF nitrogen carrying 402,500# sand.

Wellbore updated 05/13/96
By: Bobby R. Watchman