

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

VASTAR RESOURCES, INC.

3. Address and Telephone No.

1816 E. MOJAVE, FARMINGTON, NM 87401 (505) 599-4335

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SWNE 1650' FNL & 1650' FEL Sec. 5, T-31N, R-8W

5. Lease Designation and Serial No.

NM SF 078510

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

BLANCO #1

9. API Well No.

30-045-23214

10. Field and Pool, or Exploratory Area

BLANCO MESAVERDE

11. County or Parish, State

SAN JUAN COUNTY, NM

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

- ☐ Abandonment
☒ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Other _____

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ 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.")

Work commenced 10/12/98, released rig 11/16/98.

- 1. Pull 2-3/8" prod tbg.**
- 2. Set CIBP @ 5718 to isolate existing perms.**
- 3. Perf Cliffhouse/Menefee w/40 holes, .3" dia, 5082-5656.**
- 4. Frac w/83,213 gal Delta frac 140 w/200,000# 20/40 Brady sand.**
- 5. Set RBP @ 4810, perf Lewis w/30 holes, .3" dia 4294-4774.**
- 6. Frac w/61,735 gal Delta frac 140 w/200,000# 20/40 Brady sand.**
- 7. CO Lewis & test Lewis, pulled RBP @ 4810, CO to CIBP @ 5718.**
- 8. Flow test, ran 1.5" tbg, landed @ 4775, returned to production.**

RECEIVED
JAN 25 1993
OIL CON. DIV.
DIST. 3

cc: BLM, **FAR** (Or + 3)

NMOCC, Aztec (2)

N. Hall

Well File

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

Signed **Bruce Myr**

Title **SR. F/P ENGINEER**

Date **12/03/98**

(This space for Federal or State office use)

Approved by _____

Title _____

Date _____

Conditions of approval, if any:

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

JAN 2 1999



NMOCC

FARMINGTON DISTRICT OFF

Blanco # 1

Spudded: 10/28/78 Completed: 12/14/78 Unit: G Section: 5 Township: 31N Range: 8W GL: 6579' KB: 6592'
 Location: (SwNe) 1650' FNL & 1650' FEL API No: 30-045-23214 Lease Designation No: SF-078510 Pool: Blanco MV

Tubing assemblies: (as of 11/23/98)

Tubing Hanger: 0.50'
 XO: 1-1/2" X 2-3/8" 0.40'
 143 Jts: 1-1/2", 1.9# 4747.84'
 1-1/2" IJ X EUE XO: 0.60'

"F" Nipple: 1.43" 0.71'
 (Set from 4762.34' - 4763.05' KB)

XO: 1-1/2" X 2-3/8" 0.72'
 Pup Jt: 2-3/8" 10.09'
 XO: 2-3/8" X 1-1/2" 0.78'
 Seating Nipple: 1.375" 0.79'
 Wireline Re-entry Guide: 0.32'

Total Tubing & Assembly: 4762.75'
 KB: 13.00'
 End of Tubing (KB): 4775.75'

Surface Casing:

Drilled 14-3/4" hole to 280' KB.
 1 Jt: 9-5/8", 36#, K-55, LT&C, R3 42.00'
 1 Jt: 9-5/8", 32.3#, H-40, LT&C, R3 40.80'
 4 Jts: 9-5/8", 32.3#, H-40, LT&C, R3 175.39'
 Total: 6 Jts of 9-5/8" 258.19'
 Set at (KB): 274.00'

Centralizers at: 62', 145', 230', 252'.
 Cement: Pumped 10 bbls water ahead of 325 sx class "B" w/ 2% cacl2. Displaced w/ water. Good returns. Circ 20 bbl cmt. Tested blinds & pipe rams to 1,000#/30 min. OK.

Production Casing:

8-3/4" hole drilled to 3825' KB.
 Ran 93 jts: (3834.00') 7", 20#, K-55, ST&C, R3, class A" csg set at 3825' KB. GS @ 3825', FC @ 3783'.
 Centralizers @ 2920', 3003', 3088', 3170', 3255', 3339', 3414', 3494', 3582', 3660', 3740', 3804'.
 Cement: Pumped 10 bbls ahead of 125 sx class B" 2% gel, 10#/sx gilsonite, 3/4% CFR-2 followed by 150 sx class B" 2% cacl, 3/4% CFR-2. Displaced hole with 155 bbls water. Did not bump plug, pumped additional 1/2 bbl & still did not bump plug. Float held OK. Reciprocated pipe 10', had good returns thru-out job. Set slips and cut off casing.

TOL: 3678' (Overlap: 147')

7" casing set at: 3825' KB

Production Liner:

6-1/4" hole drilled from 3825' to 6050' KB.
 Ran 55 Jts: (2362') 4-1/2", 10.5#, K-55, ST&C casing landed at 6050'. Top of liner hanger at 3678'.
 Cent @ 3724', 4810', 5827', 5901', 5974', 6032'.
 Cement: 20 bbls gelled water ahead of 125 sx class B" with 4% gel, 10#/sx gilsonite, 3/4% CFR-2 followed by 150 sx class B" with 2% cacl, 3/4% CFR-2.
 Float held OK.

Lewis Shale Formation Perforation:

(10/16/98) Perf 30 holes, .3 Dia.
 4294', 96', 98', 4399', 4406', 10', 14', 18', 40', 43', 46', 49', 64', 70', 73', 76', 79', 82', 91', 4638', 67', 73', 76', 78', 80', 4762', 65', 68', 71', 74'.
 Acidized & Frac'd w/61,735 gal Delta Frac 140 w/ 200,000# 20/40 Brady sand. ATP: 1846, MTP: 2196, ATR: 51 BPM, Max TP: 52 BPM, ISIP: 880.
 5 Min: 774, 10 Min: 708, 15 Min: 668
 (10/16/98) Perf'd 40 hole @ 0.31" Dia.
 5082', 84', 5115', 25', 65', 84', 86', 94', 96', 98', 5200', 5412', 14', 50', 52', 66', 80', 82', 84', 88', 90', 5511', 13', 20', 28', 34', 70', 80', 83', 86', 88', 90', 5612', 14', 16', 44', 47', 50', 53', 5656'.
 Frac'd: Pumped 1000 gal 15% HCL, 83,213 gal Delta Frac 140 + 200,000# 20/40 Brady Sd. Avg TP: 2543, Max TP: 2902, Avg IR: 57.7, ISIP: 515, 5 Min: 334, 10 Min: 254, 15 Min: 216 PSI.

Mesaverde Perforations: (1JSPF .39")

5728', 32', 35', 42', 46', 49', 62', 66', 71', 76'
 5800', 16', 21', 31', 36', 42', 45', 60', 67', 72'.
 (20 shots total) with 3-1/2" Golden Jet Select Fire.
 Treatment & Fractured: 1500 gals. 15% HC1,
 129,000 gals slick water & 165,000# 20/40 sand.

Cement bond log:

Run CBL with Variable Density and Gamma Ray correlation log PBTD 5925' - 2900'.
 Very good bond through perf interval. Pressure test 7" & 4-1/2" casing to 2,000# for 15 minutes, OK.

Geological Markers:

Pictured Cliffs 3476'
 Lewis Shale 3688'
 Cliff House 5064'
 Menefee 5462'
 Point Look Out 5710'
 Upper Mancos 5951'

PBTD: 5925'

Total Depth: 6050'

4-1/2" csg @ 6050' KB.

Wellbore Updated: 11/25/98
 By: Bobby R. Watchman