

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135

Expires: March 31, 1993

5. Lease Designation and Serial No.

NMSF 078510

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

NM

8. Well Name and No.

BLANCO #1-A

9. API Well No.

30-045-23259

10. Field and Pool, or Exploratory Area

BLANCO MESAVERDE

11. County or Parish, State

SAN JUAN COUNTY, 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

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)

NWSE 1735' FSL & 1525' FEL Sec. 5, T-31N, R-8W

RECEIVED
JAN 25 1999

OIL CON. DIV.
DIST. 3

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.)

Released

Work commenced 10/15/98, released rig 11/16/98.

1. Pull 2-3/8" prod tbg.
2. CIBP set @ 5389 to isolate existing perms.
3. Perf Cliffhouse/Menefee w/40 holes, .3" dia 4990-5344.
4. Frac w/39,723 gal Delta frac 140 w/100,000# 20/40 sand.
5. Set RBP @ 4850, perf Lewis 4207-4682; 30 holes w/.3" dia.
6. Frac Lewis w/105,676 gal Delta frac 140 w/300,000# 20/40 sand.
7. CO Lewis, pull RBP @ 4850, CO Cliffhouse/Menefee, flow test well.
8. Land 1-1/2" tbg @ 4507.76, return well to production.

cc: BLM, FAR (Or + 3)

NMOC, Aztec (2)

N. Hall

Well File

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

Signed Bruce Nye

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:

ACCEPTED FOR RECORD

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.

JAN 21 1999

*See Instruction on Reverse Side

NMOC

FARMINGTON DISTRICT OFF

Sm

Blanco # 1A

Spudded: 11/11/78 Completed: 12/27/78 Unit: J Section: 5 Township: 31N Range: 8W GL: 6425' KB: 6438'
 Location: (NwSe) 1735' FSL & 1525' FEL API No: 30-045-23259 Lease Designation No: SF-078510 Pool: Blanco MV

Tubing assemblies: (as of 11/12/98)

Tbg Hanger:	0.50'
XO: 1-1/2" X 2-3/8"	0.40'
142 Jts: 1.9", J-55, IJ Tbg	4475.45'
XO: 1-1/2" IJ X 1-1/2" EUE	0.60'
"F" Nipple: 1.43"	0.71'
(Set from 4489.95' - 4490.66' KB)	
XO: 1-1/2" X 2-3/8"	0.72'
Perf Pup: 2-3/8"	4.09'
Pup Jt: 2-3/8"	10.11'
XO: 2-3/8" X 1-1/2"	0.78'
Seating Nipple: 1.375"	1.08'
(Set from 4506.36' - 4507.44' KB)	
Wireline Re-entry Guide:	0.32'
Total Tubing & Assembly:	4494.76'
KB:	13.00'
End of Tubing (KB):	4507.76'

Cement bond log:

Run CBL with Variable Density and Gamma Ray correlation log PBTD 5814' - 2800'.
 Very good bond through all MV section.

Geological Markers:

Cliff House	4974'
Menefee	5370'
Point Look Out	5626'
Upper Mancos	5829'

Surface Casing:

14-3/4" hole drilled to 330' KB.

9-5/8"
csg @:
296' KB.

Ran 7 Jts: (282.49') 9-5/8", 32.3#, H-40, ST&C csg, landed guide shoe @ 296' RKB. Baffle plate @ 256'.
 Cent @ 55', 136', 217', 276'.
 Cement: Pumped 20 bbls gelled water followed with 325sx class B" with 2% cacl₂. Displaced with 20 bbls water, plug did not drop. Circulated 20 bbls cement to pit, pressure test BOP to 1000# for 30 min, held OK. Tagged cement at 250'.

Production Casing:

8-3/4" hole drilled to 3720'.

Ran 91 jts: (3731.81') 7", 20#, K-55, ST&C, R3, class A" csg set at 3720'. Guide shoe @ 3720', Float collar @ 3677'.
 Centralizers @ 2983', 3061', 3145', 3227', 3308', 3390', 3477', 3555', 3637', 3698'.
 Cement: Pumped 10 bbls ahead of 135 sx class B" 2% gel, 10#/sx gilsonite, 3/4% CFR-2 followed by 150 sx class B" 2% cacl₂, 3/4% CFR-2. Displaced hole with 149 bbls water. Good return through out job. Set slips with 60,000#. Tested BOP to 1000#/30 min, OK.

TOL: 3510' (Overlap: 210')

7" casing set at: 3720' KB

Production Liner:

6-1/4" hole drilled from 3720' to 5895' KB.

Ran 55 Jts: (2368') 4-1/2", 10.5#, K-55, ST&C landed @ 5888'. Top of liner hanger at 3510'.
 Centralizers @: 3608', 4629', 5640', 5713', 5801', 5866'.
 Cement: 20 bbls gelled water ahead of 125 sx class B" w/ 4% gel, 10#/sx gilsonite, 3/4% CFR-2 followed by 150 sx class B" w/ 2% cacl₂, 3/4% CFR-2. Float held OK.

Lewis Shale Formation Perforations:

(11/05/98) Perf'd 30 holes, 0.30" Dia.
 4207', 09', 27', 4324', 28', 32', 46', 48', 50', 52', 54', 78', 82', 86', 90', 4401', 4540', 74', 76', 80', 82', 84', 4622', 24', 27', 30', 33', 76', 80', 82'.

(11/06/98) Frac'd: Pump 1000 gal mud acid, 50 dissolvable ball sealers. Pump 18,000 gal pad @ 48 BPM @ 3200#. Frac w/105,676 gal Delta Frac 140 w/300,000# 20/40 Brady sand.

(10/17/98): Perf'd 40 holes, 0.30" Dia.
 4990', 92', 94', 96', 97', 98', 99', 5000', 02', 04', 06', 24', 26', 28', 30', 32', 36', 40', 94', 95', 96', 97', 5105', 06', 07', 08', 09', 5111', 13', 40', 42', 5323', 37', 38', 39', 40', 41', 42', 5344'.

(11/05/98) Frac'd: Pumped 500 gal 15% HCL, 9076 gal pad @ 59 BPM @ 1940#. Frac'd w/39723 gal Delta Frac 140 w/ 100,000# 20/40 Brady sand. ATP: 1929#, MTP: 2685#, ATR: 60 BPM, MTR: 62 BPM, ISIP: 210#.

CIBP set @ 5389'

Mesaverde Perforations: (1JSPF .39")

5399', 5402', 5406', 5409', 5437', 5440', 5444', 5468', 5474', 5489', 5496', 5634', 5647', 5652', 5658', 5669', 5689', 5696', 5706', 5714', 5720', 5727', 5734', 5745', 5753'.

Treatment & Fractured: 1790 gals. 15% HCL
 156,000 gals slick water & 200,000# 20/40 sand.
 TP: 2200# MTP: 2850# Avg: 2200#

PBTD: 5813'

Total Depth: 5895'

4-1/2" csg @ 5888' KB.

Wellbore Updated: 12/14/98
 By: Bobby R. Watchman