

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 ST., FARMINGTON, NM 87401 (505) 599-4300

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

SENE 1370' FNL & 1295' FEL SEC. 6, T-31N, R8W

5. Lease Designation and Serial No.

NMSF 078510

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

JACQUEZ #2

9. API Well No.

30-045-27522

10. Field and Pool, or Exploratory Area

BASIN FRUITLAND COAL

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 Convert to Annular Flow

- ☐ 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.)

Vastar converted the subject well to Annular/ csg flow in an attempt to increase gas flow rates. Snubbing techniques were used to avoid killing the well. The 3 1/2", 9.3#, J-55, EUE 8rd tbg, Guiberson UNI-VI PKR and tailpipe were pulled from the well and the 3 1/8"X 3000# Christmas tree NU to the tbg head. Test wellhead seals with 3000psi--test o.k. Surface modifications will be made to the wellhead and flowline to allow the well to produce thru the Christmas tree and the tbg head valves. A revised wellbore diagram is attached and details the downhole configuration. Operations started on 01/24/00 and were completed on 01/25/00 and the well returned to production.

cc: BLM, FMN (Or +3)
N. Hall, NMOC (2)
Well File

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

Signed Tom Morgan

Title WORKOVER SUPERVISOR

Date 02/05/00

(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.

*See Instruction on Reverse Side

FARMINGTON FIELD OFFICE
BY LMH

NMOC

Jacquez #2

Spudded: 11/18/89 Completed: 01/06/90 Unit: H Section: 6 Township: 31N Range: 8W GR: 6548' KB: 6561'
Location: (SeNe) 1370' FNL & 1295' FEL API No: 05-067-27522 Lease No: NMSF-078510

Tubing & Assembly: (01/25/2000)

Tubing & assembly removed.

Install 3-1/2" X 7-1/16" tubing donut w/BP valve
in place - screw in locking pins.

8-5/8" Csg
set at:
503' KB

8-5/8" Surface Casing:

Drilled 12-1/4" hole to 504' KB.
11 Jts: 8-5/8", 24#, J-55, ST&C, 8rd 468.75
Float Collar: 8-5/8" 1.50'
1 Jt: 8-5/8", 24#, J-55, ST&C, 8rd 39.90
TP Guide Shoe: 8-5/8" 0.66'
Total pipe run in hole: 510.81'
Less cut off pipe: 20.81'
Total pipe tally left in hole: 490.00'
RKB to cut off: 13.00'
Total setting depth: 503.00'

Casing ID: 8.097", Torque (Ft.Lbs): 2600

Centralizers @: 160', 245', 331', 420', 493'

Cement: 20 bbls water ahead of 325 sx Howco Neat + 1/4#/sx
celloflake + 2% CaCl₂ (Wt: 15.6, Yield: 1.18 cuft, Mix Wtr: 5.2
gal/sx), Displaced cement w/29.9 bbls @ 5-2 bpm & 200 psi.
Bumped plug w/500 psi. Full returns. Did not reciprocated pipe.
Float held OK. Circulated 30 bbls cement to pit.

5-1/2" Production Casing:

Drilled 7-7/8" hole to 3593' KB.
83Jts: 5-1/2", 15.5#, K-55, LT&C, 8rd 3550.37
DF Float Collar: 5-1/2" 1.93
1 Jt: 5-1/2", 15.5#, K-55, LT&C, 8rd 42.12
DF Float Shoe: 5-1/2" 1.96'
Total pipe run in hole: 3596.38
Less cut off pipe: 16.88
Total pipe tally left in hole: 3579.50
RKB to cut off: 11.50'
Total setting depth: 3591.00'

Casing ID: 4.950", Torque (Ft. Lbs.): 2400

Cents @: 3247', 3333', 3417', 3503', 3581'.

Cement: 20 bbls water ahead of 550 sx Lite 65/35 pozmix w/6%
gel + .6% Halad 322 + 1/4#/sx celloflake (wt: 12.4, Yield: 1.8 cuft.,
Mix Wtr: 9.6 gal/sx) tailed w/200 sx Neat w/additives .3% Halad 344
+ 1/4#/sx celloflake (wt: 15.6, Yield: 1.18 cuft, Mix wtr: 5.2 gal/sx).
Displaced cement w/84.5 bbls @ 6 bpm & 400-1100 psi. Bumped
plug w/1600 psi. Full returns. Reciprocated pipe. Circulated 30 bbls
cement to pit. Floats held OK. Set casing slips w/55,000#.

Cement Bond Log:

Good bond from 2000' to 3532'.

Geological Markers:

Ojo Alamo 1975'
Kirtland 2100'
Fruitland 3095'

PBTD: 3543'

TD: 3593'

Fruitland Perforations:

(12/20/89): Upper Fruitland: 3282'-3306', 3324'-3344', 3376'-3382'
w/4spf, 0.69" dia, Premium charge.
(12/22/89): Frac'd: 95,640 gal 35# Borate X-L gel FW containing 300
ppm bactericide, 12 gal/1000 gal New Arco surfactant-Methanol mixture,
22,670# 40/70 Brady sand, 260,620# 12/20 Brady sand. Avg. Press:
2500 psi, Avg Rate: 50 bpm, Max Press: 3700 psi, Max Rate: 51 bpm,
Load to recover: 2277 bbls, Flush fluid density: 8.4 ppg. ISIP: 3480 psi,
5 Min: 2506 psi, 10 Min: 2249 psi, 15 Min: 2121 psi.

(12/09/89): Lower Fruitland: 3429'-3445' w/4 csg. gun, 4spf, 0.69",
Premium charge.

(12/10/89) Frac: w/1007 bbls 35# Borate X-L gel fresh H2O containing
6 gal 1000 ARCO surfactant -Methanol mixture & 300 ppm bactericide,
8,500# 40/70 Brady sand, 100,000# 12/20 Brady sand. Initial pumping
@ 21.4 bpm @ 3000 psi. ISIP: 3701#, 5 Min: 3165#, 10 Min: 2892#,
15 Min: 2696#.

5-1/2" casing set @ 3591' KB.

WB Updated: 02/14/00
by: Bobby R. Watchman