

State of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division

Sundry Notices and Reports on Wells

1. Type of Well
GAS

2. Name of Operator
Bloomfield Oil & Gas, c/o NMOCD Aztec District

3. Address & Phone No. of Operator
1000 Rio Brazos Road, Aztec NM, 87413

4. Location of Well, Footage, Sec., T, R, M
G 2400' FNL & 2310' FEL, Sec. 22, T29N, R11W, NMPM,

API # (assigned by OCD)
30-045-32453

5. Lease Number

6. State Oil&Gas Lease

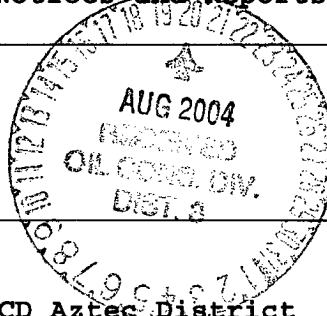
7. Lease Name/Unit Name
JW Garrison

8. Well No.
#7

9. Pool Name or Wildcat
Undes. Farmington

10. Elevation:

11. San Juan County



Type of Submission

☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment

Type of Action

☒ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Other -
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut off
☐ Conversion to Injection

13. Describe Proposed or Completed Operations

Re-enter 10" casing stub, clean out and then P&A the well.

Work done under Purchase Agreement: 41-521-07-00028.

Purchase Orders: 05-119-000093 and 05-119-000188

P&A work completed July 28, 2004.

SIGNATURE

William F. Hall

Contractor

July 31, 2004

(This space for State Use)

Approved by *H. Villanueva*
9-22-04

Title

DEPUTY OIL & GAS INSPECTOR, DIST. 3

Date

AUG 20 2004

A-PLUS WELL SERVICE, INC.

P.O. BOX 1979

Farmington, New Mexico 87499

505-325-2627 * fax: 505-325-1211

Bloomfield Oil & Gas

JW Garrison #7

2400' FNL & 2310' FEL, Section 22, T-29N, R-11-W

San Juan County, NM

Fee Lease, API #30-045-32453

July 31, 2004

Page 1 of 2

Plug & Abandonment Report

Work Summary:

Notified by the NMOCD on 7/8/04

- 7/09/04 Dig out existing 10" casing stub and install a 20" x 20' conductor pipe, cement outside to surface.
- 7/10/04 Install sump pump in conductor to pump water flow to steel pit.
- 7/12/04 MOL & RU. Set drilling equipment and drill collars. Weld collar to casing stub. Install flange
- 7/13/04 NU BOP. PU 8-3/4" bit, drill cement from surface to 10'. Wash down to 15', began circulating to surface outside conductor. PU 4-3/4" bit and drill hard for 12". TIH with 2-3/8" tubing to 16' and set Plug #1 with 40 sxs, circulate cement to surface
- 7/14/04 Drill cement from 8' to 16' with 8-3/4" bit. Then drilling hard with rubber and wood in returns. Some circulation outside 10" casing inside 20" conductor. PU 8-3/4" skirted washover mill and mill from 16' to 22'. TOH and inspect mill. Ran impression block. TIH with 4-1/2" mill, no tag. TIH with 6-1/4" mill, ream out at 22'. TIH to 180'. POH.
- 7/15/04 TIH with drill collars and 6-1/4" tapered mill. Ream at 90', set down at 138'. Wash down/drill out to 180'. Continue to drill down to 420'. Circulation had been somewhat outside the 10" casing, then started outside the 20" conductor near the pipe racks and rig pads. Lost circulation to pit, all flow outside casing and conductor. TOH with 8-3/4" bit. TIH with 7-7/8" bit to 360'. Drilled down to 378', all circulation outside casing and culvert. TOH and stand back drill collars. TIH with 7-7/8" bit and drill pipe to 370'. Plug #2 with 40 sxs cement at 340'. TOH and attempt to squeeze cement. Shut in.
- 7/16/04 At 7:00 AM found water flow had increased outside conductor and flowing onto location. TIH with 7-7/8" bit to 368', did not tag cement. Ran 8-5/8" Baker cement retainer to 250', would not set. Determined to have open hole below the 10" casing.
- 7/17/04 RU casing crew and ran 16 joints new 7" 23# J-55 casing, set at 357'. RU Key Cementing and established circulation, most of returns outside the 20" conductor. Strong water flow for past 48 hours, approximately 50 bbls per hour. Sampled water. ND 10" BOP and land 7" casing. Cement 7" casing with 220 sxs Class B with 3% CaCl₂ and 1/2 # celloflane flakes per sack. Circulated good cement to surface, could only displace to 83'; pressured up to 1000#. Shut in well.
- 7/19/04 NU 7-1/16" BOP and RU drilling equipment. TIH with 6-1/4" bit to 75' Drill out hard cement to 210'. Circulate well clean.

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JW Garrison #7

2400' FNL & 2310' FEL, Section 22, T-29N, R-11-W

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Plug & Abandonment Report

Work Summary Continued:

- 7/20/04 Drill cement from 210' to 365'. Drill easy for 3' then continue drilling hard from 368' to 370. Returns are formation and sand. TOH with bit, missing teeth. TIH with 6-1/4" tapered mill to 300'.
- 7/21/04 Overnight SI Casing pressure – 50#, moderate water flow. Drill from 370 to 390', lost circulation and plugged bit. TOH and LD drill collars, small ID. TIH with drill pipe and drill down to 460'. Plugged bit again, TOH. TIH and continue to drill at 440'.
- 7/22/04 Overnight SI Casing pressure – 50#. Ream out from 370' to 380'. Drill out from 430 to 554'. Well making water and some gas.
- 7/23/04 Overnight SI Casing pressure – 45#. Drill out from 544' to 585', while making connection plugged mill. Tag fill at 545', while circulating well plugged mill again. TIH and tag at 491', wash down to 554' and plugged mill again. Short trip and then tagged fill at 444'. TOH with mill and TIH with 6-1/4" bit.
- 7/26/04 Over weekend SI Casing pressure – 50#. Well continues to flow water. TIH to 524'. Drill out to 585'. Circulate well, make connection and drill out to 600'. Well sticky, not carrying cutting to surface. Circulate well at 585'.
Plug #3 with 36 sxs Type III cement (51 cf) in open hole interval from 585' to 435' to isolate the Farmington formation from the Ojo Alamo. TOH with drill pipe.
- 7/27/04 Overnight SI Casing pressure – 50#. Well flowing water to pit. TIH and tag cement at 542'. RU drilling equipment and clean out 1' fill and then found hard cement at 548'. TOH with 6-1/4" bit. TIH to 543'.
Plug #4 with 36 sxs Type III cement (51 cf) in open hole interval from 543' to 394' to cover the Ojo Alamo top. TOH with drill pipe. TIH and set a 7" cement retainer at 337'. Establish rate below CR 1.5 bpm at 300#.
Plug #5 with cement retainer at 337', mix and pump 58 sxs Type III cement (81 cf), squeeze 50 sxs below CR into open hole interval below the 7" casing shoe at 357' and leave 8 sxs above CR up to 287'. PUH to 124'.
Plug #6 with 25 sxs Type III cement (33 cf) inside the 7" casing from 124' to surface, circulate good cement out the casing valve. TOH and LD drill pipe. Dig out wellhead and cut off 10" and 7" casings. Fill 7" casing with 12 sxs cement. Weld on P&A marker.
- 7/28/04 RD and MOL. Clean up location. C. Perrin with NMOCD on location.