

submitted in lieu of Form 3160-5

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
Sundry Notices and Reports on Wells

RECEIVED

2003 SEP 16 PM 12:31

070 Fairington, NM

1. Type of Well
Oil

2. Name of Operator
Playas
Vulcan Minerals and Energy Incorporated

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

Location of Well, Footage, Sec., T, R, M

660' FNL and 660' FEL, Sec. 31, T-31-N, R-16-W,

5. NM Lease Number
14-20-603-734

6. If Indian, All. or
Tribe Name
Navajo

7. Unit Agreement Name
Horseshoe Unit

8. Well Name & Number
Horseshoe Gallup #52

9. API Well No.
30-045-10229

10. Field and Pool
Gallup

11. County & State
San Juan County, NM

12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

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

A-Plus Well Service Plugged and Abandoned the Gallup perforations in this well under An emergency procurement to NMSA 1978, Section 13-1-127. Contract # 03-521-0700-0255.

This well was plugged and abandoned per the attached report on August 28, 2003.

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

Signed William F. Clark Title Contract Date 9/13/03
William F. Clark

(This space for Federal or State Office use)

APPROVED BY _____ Title _____ Date SEP 16 2003
CONDITION OF APPROVAL, if any:

NMOCD

FAIRINGTON FIELD OFFICE
Jim

A-PLUS WELL SERVICE, INC.

P.O. BOX 1979
Farmington, New Mexico 87499
505-325-2627 * fax: 505-325-1211

Vulcan Minerals & Energy
Horseshoe Gallup Unit #52
660' FNL & 660' FEL, Section 31, T-31-N, R-16-W
San Juan County, NM
Lease 14-20-603-734
API #30-045-10229

August 31, 2003
Page 1 of 2

Plug & Abandonment Report

Cementing Summary:

Plug #1 with retainer at 503', mix and pump 68 sxs cement, squeeze 44 sxs below the CR and spot 24 sxs above up to 193'.

Plug #2 with 38 sxs cement with 2-1/2#/sx CaCl₂, pumped down the 4-1/2" casing into the squeeze holes at 215', displace to 150' with a pressure of 1000#.

Plug #3 with 108 sxs cement: 1st fill the 4-1/2" casing from 126' to surface with 18 sxs cement, circulate good cement out the casing valve; 2nd TOH and LD tubing; 3rd pump down the 4-1/2" casing from 76' to surface with 90 sxs to fill the BH annulus, had small cement returns (not full) out BH valve to surface.

Plug #4 with 8 sxs cement: 1st mix cement and pump slurry to end of line; 2nd connect to BH valve and squeeze 8 sxs cement into annulus, final pressure 1300#.

Plug and Abandonment Summary:

Notified NMOCD on 8/21/03

8/22/03 MOL. Install anchors. RU rig and drilling equipment. Layout flow line to steel mud pit. NU 4-1/2"x8-5/8" flange and BOP. Test BOP. PU 3-7/8" bit, bit sub and 3-1/8" drill collar (rental from Baker). Tag cement at 16'. Drill cement to 165' (below squeeze holes). Circulate well clean. Attempt to establish rate into squeeze holes, pressured up to 1000# and bleed down to 500# in 3 minutes. Establish injection rate into BH annulus at 1/4 bpm at 900#. Continue drilling from 165' to 249'. Circulate well clean and PUH. Shut in well & SDFD.

8/25/03 Held Safety Meeting. Open up well, no pressure on casing; BH small flow. TIH and drill cement from 249' to 578'. Fell through cement and then TIH to 640', tag cement. Circulate well clean. Attempt to establish injection rate into casing, same results as yesterday - pressured up to 1000# and then bleed down. PUH & SDFD.

8/26/03 Held SM. Open up well. TOH and LD 4 drill collars. RU A-Plus Wireline truck and perforate 3 holes at 560'. Establish rate into squeeze holes 1-1/2 bpm at 600#. TIH and set 4-1/2" DHS CR at 503'. Establish same rate under CR and then broke circulation out 4-1/2" casing valve. Plug #1 with retainer at 503', mix and pump 68 sxs cement, squeeze 44 sxs below the CR and spot 24 sxs above up to 193'. PUH with tubing to 220' and reverse circulate well clean; returned 2 bbls cement. TOH with tubing and shut in well. SDFD.

A-PLUS WELL SERVICE, INC.

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Vulcan Minerals & Energy

Horseshoe Gallup Unit #52

660' FNL & 660' FEL, Section 31, T-31-N, R-16-W

San Juan County, NM

Lease 14-20-603-734

API #30-045-10229

August 31, 2003

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Plug & Abandonment Report

Cementing Summary:

8/27/03 Held SM. RU wireline and tag cement at 217'. Load casing with water and pressure test to 1000#, held OK. Perforate 3 holes at 215'. Establish rate into squeeze holes 1/2 bpm at 1200#. Pumped 9 bbls and then wait on orders. Plug #2 with 38 sxs cement with 2-1/2#/sx CaCl₂, pumped down the 4-1/2" casing into the squeeze holes at 215', displace to 150' with a pressure of 1000#. WOC for 3 hours. TIH and tag cement at 126'. Perforate 3 holes at 126'. Attempt to establish rate into squeeze holes; pressure up to 1500# and bleed down to 1300# and held. Connect to the BH annulus and pump 5 bbls at 1/4 bpm at 900#. Perforate 3 holes at 76'. Establish circulation out BH valve to surface at 1bpm at 400#. TIH with tubing to 126'. Plug #3 with 108 sxs cement: 1st fill the 4-1/2" casing from 126' to surface with 18 sxs cement, circulate good cement out the casing valve; 2nd TOH and LD tubing; 3rd pump down the 4-1/2" casing from 76' to surface with 90 sxs to fill the BH annulus, had small cement returns (not full) out BH valve to surface. Shut in and WOC. SDFD.

8/28/03 Held SM. Check well: BOP and 4-1/2" casing full of cement. Bradenhead valve has small flow (dripping). Clean cement out of BOP and ND BOP. Attempt to establish rate into BH annulus, pressure up to 1000#. Plug #4 with 8 sxs cement: 1st mix cement and pump slurry to end of line; 2nd connect to BH valve and squeeze 8 sxs cement into annulus, final pressure 1300#. RD rig and cementing equipment. SDFD.

Henry V. with NMOCD and W. Ashley with NN were on location.

9-4-03 Dig out wellhead and cut off. Found no flow on BH. Also found cement at surface in casing and annulus. Install P&A marker with 10 sxs cement. Job complete.