

submitted in lieu of Form 3160-5

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

JUN 10 1997

CTO 100-100-100

1. Type of Well
Gas

RECEIVED
JUN 10 1997

2. Name of Operator
Lomak Production Company

OIL CON. DIV.
DIST. 3

3. Address & Phone No. of Operator
3030 NW Expressway, Suite 1850, Oklahoma City, OK 73112

4. Location of Well, Footage, Sec., T, R, M
1830' FNL and 750' FWL Sec. 5, T-23-N, R-6-W, NMPM
E

5. Lease Number
NMSF 078362
6. If Indian, All. or
Tribe Name
N/A
7. Unit Agreement Name
N/A
8. Well Name & Number
Marcus #4
9. API Well No.
30-039-23736
10. Field and Pool
Counselors Dk / Gallup
11. County & State
Rio Arriba 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

Lomak Production Company plugged and abandoned the above well on
May 20, 1997 per the attached P&A report.

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

Signed Blaine Stribling Title Engineer Date 5/28/97
Blaine Stribling

(This space for Federal or State Office use)

APPROVED BY Dwaine W. Spencer Title _____ Date JUN - 6 1997
CONDITION OF APPROVAL, if any:

NMOC

A - PLUS WELL SERVICE, INC.

P.O. BOX 1979
FARMINGTON, NM 87499
505-325-2627 • FAX: 505-325-1211

Lomak Production Company
1830' FNL, 750' FWL, Sec. 5, T-23-N, R-6-W
Rio Arriba County, NM.
NMSF-078362

May 21, 1997

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Plug & Abandonment Report

Cementing Summary:

Plug #1 with 23 sxs Class B cement from 5622' to 5368' to fill Gallup perforations and cover top.

Plug #1b with 12 sxs Class B cement from 5425' to 5267' to isolate Gallup top.

Plug #2 with retainer at 3698', mix 70 sxs Class B cement with weight 15.3#; squeeze 60 sxs below retainer from 3751' to 3651'.

Plug #2b with retainer at 3698', mix and spot 12 sxs Class B cement above retainer to 3538' to cover Mesaverde top.

Plug #3 with 64 sxs Class B cement from 2210' to 1366' to cover Pictured Cliffs, Kirtland and Ojo Alamo tops.

Plug #3b with 19 sxs Class B cement from 1622' to 1375' to cover Ojo Alamo top.

Plug #3c with 10 sxs Class B cement from 1430' to 1298'.

Plug #4 with 119 sxs Class B cement pumped down 4-1/2" casing from 316' to surface, circulate 1 bbl good cement out bradenhead.

Plugging Summary:

Notified BLM on 5-14-97

5-14-97 Drive to location and RU rig. SDFD.

5-15-97 Safety Meeting. Check well pressure: casing 60# and tubing 40#. Layout relief line to pit. ND wellhead. PU on tubing, found to be stuck. Work tubing to release anchor; NU BOP. PU on tubing and work tubing. POH with 94 joints tubing then tubing full of oil. RU pump truck and pump 50 bbls water down casing; lost circulation out tubing. After pumping 8 bbls water down tubing it pressured up to 1000#; bleed down tubing. Continue to POH with 80 joints tubing, one sub and SN; found last 30 joints full of drilling mud. Total 175 joints 2-3/8" tubing, 5694'. RIH with tubing and tag fill at 5622', in middle of perforations. Procedure change approved S. Mason with BLM. Plug #1 with 23 sxs Class B cement from 5622' to 5368' to fill Gallup perforations and cover top. POH to 3700'. Shut in well. SDFD.

5-16-97 Safety Meeting. Open up well. RIH and tag cement at 5425'; cement had fallen back, needs to be at 5368' (50' above Gallup top). Load hole and circulate well clean with 12 bbls water. Plug #1b with 12 sxs Class B cement from 5425' to 5267' to isolate Gallup top. POH to 3809'. Load casing with 6 bbls water and established circulation. Pump additional 42 bbls water to circulate mud out casing. POH with tubing. RU A-Plus wireline truck.

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Plug & Abandonment Report

Plugging Summary Continued:

5-16-97 Continued: Perforate 2 squeeze holes at 3751'. PU 4-1/2" cement retainer and RIH; set at 3698'. Sting out of retainer and load casing with water. Attempt to pressure test casing, leak. Sting into retainer and establish rate into squeeze holes 2 bpm at 250#. Mix 12 sxs Class B cement and pump to pit; unable to get cement weight to 15.2#. Plug #2 with retainer at 3698', mix 70 sxs Class B cement with weight 15.3#; squeeze 60 sxs below retainer from 3751' to 3651'. While mixing cement weight to 14.4#; sting out of retainer and reverse circulate 10 sxs slurry out casing and into pit. POH with tubing and stinger. SDFD.

5-19-97 Safety Meeting. Open up well, no pressure. RIH with tubing and tag cement retainer at 3698'. Plug #2b with retainer at 3698', mix and spot 12 sxs Class B cement above retainer to 3538' to cover Mesaverde top. POH to 2210'. Plug #3 with 64 sxs Class B cement from 2210' to 1366' to cover Pictured Cliffs, Kirtland and Ojo Alamo tops. POH and WOC cement (because of casing leak). RIH and tag cement at 1630', cement had fallen below Ojo Alamo top. Attempt to establish pressure test casing to 500#; leak. Plug #3b with 19 sxs Class B cement from 1622' to 1375' to cover Ojo Alamo top. POH with tubing. Shut in well and SDFD.

5-20-97 Safety Meeting. RIH and tag cement at 1445', cement fell back, needs to be at 1425' (50' above top of Ojo). Plug #3c with 10 sxs Class B cement from 1430' to 1298'. POH and LD tubing. RU A-Plus wireline truck and RIH. Perforate 2 squeeze holes at 316'. Establish circulation down 4-1/2" casing and out 8-5/8" annulus. Plug #4 with 119 sxs Class B cement pumped down 4-1/2" casing from 316' to surface, circulate 1 bbl good cement out bradenhead. Shut in well and WOC. RD floor. Dig out wellhead and ND BOP. Cut off wellhead; found cement down 20' in 4-1/2" and at surface in 4-1/2" x 8-5/8" annulus. Mix 24 sxs Class B cement, fill annulus and install P&A marker. RD rig and equipment; move off location.

Marlin Deaton, BLM was on location.