

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
BLM

Sundry Notices and Reports on Wells

97 JUN 28 AM 9:53

5. Lease Number

019 FARMINGTON, NM SE-079634

1. Type of Well
GAS6. If Indian, All or
Tribe Name2. Name of Operator
Southland Royalty Co

7. Unit Agreement Name

3. Address & Phone No. of Operator
Box 4289, Farmington, NM 87499 (505) 326-97008. Well Name & Number
McClanahan #20E

9. API Well No.

4. Location of Well, Footage, Sec, T, R, M.
1840'N, 1660'W Sec.13, T-28-N, R-10-W, NMPM10. Field and Pool
Armenta G1/Basin Dk11. County and State
San Juan County, NM

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

Type of Submission

Type of Action

☐ Notice of Intent☐ Abandonment☐ Change of Plans☒ Subsequent Report☐ Recompletion☐ New Construction☐ Final Abandonment☐ Plugging Back☐ Non-Routine Fracturing☐ Casing Repair☐ Water Shut Off☐ Altering Casing☐ Conversion to Injection☒ Other - Commingle Gallup & Dakota

13. Describe Proposed or Completed Operations

06-11-91 MOL&RU. Blow well. Kill w/2% KCl wtr. TOOH w/tbg. SDFN.

06-12-94 Ran GR-CCL 5921-5350'. TIH w/RBP set @ 5900'. TIH w/FBP set @ 5850'. PT BP & tbg 3000#/15 min, ok. Circ hole w/2% KCl wtr. TOOH w/pkr & tbg. Set pkr @ 62'. PT 3000#/15 min, ok. Release pkr. TOOH w/tbg & pkr. Perf 5770-5764', 5756', 5744', 5738', 5732', 5716', 5708', 5696', 5688', 5682', 5676', 5670', 5664', 5645', 5638', 5630', 5622', 5617', 5608', 5598', 5588', 5583'. SDFN.

06-13-91 TIH set FBP @ 5400'. PT 1000#. BD w/2% KCl @ 2737'. Balled off w/2000 gal. 15% HCl & 46 balls. TOOH w/FBP. TIH w/FBP set @ 66'. Frac'd Gallup w/700 bbl. 30# gel, 1,781,930 SCF N2, 100,000# 20/40 sand. Flowed back.

06-14-91 Flowed back after frac.

06-17-91 Kill well. TOOH w/pkr. TIH, tag DV tool @ 2193'. TIH w/scraper. Set RBP @ 5570'. Load hole w/2% KCl wtr. PT 3000#. Perf'd upper Gallup 5548', 5542', 5536', 5530', 5524', 5518', 5512', 5506', 5500', 5494', 5488', 5482', 5476', 5470', 5464', 5458', 5452'. TIH w/FBP set @ 2300'.

(cont'd on back)

14. I hereby certify that the foregoing is true and correct.
Signed [Signature] Title Regulatory Affairs Date 6-28-91

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____
CONDITION OF APPROVAL, IF ANY: _____

AUG 30 1991
FARMINGTON RESOURCE AREA
DATE _____
BY _____

McClanahan #20E

06-18-91 PT csg 1000#. Spot 2000 gal. 15% HCl and 36 balls. TIH to 5560', knock off balls. TOOH w/pkr. TIH set pkr @ 63'. Frac upper Gallup w/737 bbl. 30# gel, 100,000# 20/40 sand and 1,744,441 SCF N2. Flush w/N2. Flowed well.

06-19-91 Flowed well.

06-20-91 Flowed well. TIH, tag sand @ 5540'. CO w/N2. TOOH. SDFN.

06-21-91 Flowed well.

06-24-91 Ran after frac log. Kill well w/2% KCl. Tag fill @ 5810'.

06-25-91 Tag fill @ 5810'. CO to 5900'. Tag sand @ 6475'. CO to 6579'. Flow to tanks.

06-26-91 TIH, tag fill @ 6566'. TOOH. Ran 210 jts 2 3/8", 4.7#, J-55 EUE 8rd tbg landed @ 6518'. Perf sub @ 6487'. ND BOP. NU WH. Released rig.