

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

1. Type of Well
GAS

2. Name of Operator
Southland Royalty

3. Address & Phone No. of Operator
PO Box 4289, Farmington, NM 87499 (505) 326-9700

4. Location of Well, Footage, Sec., T, R, M
790'FNL, 1775'FWL Sec.31, T-32-N, R-11-W, NMPM

5. Lease Number
SF-078118

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name

8. Well Name & Number
Vasaly Federal #1Y

9. API Well No.

10. Field and Pool
Blanco MV

11. County and State
San Juan Co, 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 -

13. Describe Proposed or Completed Operations

It is planned to open additional Mesa Verde pay per the attached procedure and wellbore diagram.

070 FARMINGTON, NM

93 JAN 27 PM 2:01

RECEIVED
BLM

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

Signed [Signature] (MP) Title Regulatory Affairs Date 1/25/93

(This space for Federal or State Office use)

APPROVED BY _____ Title _____

CONDITION OF APPROVAL, if any:

Date APPROVED

FEB 01 1993

AREA MANAGER

VASALY FEDERAL #1-Y MV
Procedure To Open Additional MV
C 31 32 11

1. Comply to all NMOCD, BLM, & MOI, rules & regulations. MOL and RU completion rig. Blow well down. NU 6" 900 series BOP with flow tee and stripping head. Test operation of rams. NU blooie line and 2-7/8" relief line.
2. TOH W/166 jts 1-1/2" tbq. Run 7" csg scraper on 2-3/8" tbq work string to 5130' & TOH. Run 7" ret BP on wireline & set @ 5130' & top w/2 sx sand. Load hole w/2% KCL water.
3. Run CBL & dual spaced neutron logs from 5130' to 4500' & coorelate to 4-15-71 Induction Log.
4. Using the logs, the Prod Engr Dept will pick perms @ this time. Perf Menefee & Cliffhouse w/20 holes. Perf w/3-1/8" HCG w/10 gr Owen 316 charges which have an average penetration in Berea of 14.7" & average perf diameter of 0.28".
5. Fill 11 - 400 bbl. frac tanks with 2% KCL water. Filter all water to 25 microns. Ten tanks for frac and one for breakdown. Usable water required for frac is 3482 bbls.
6. TIH w/7" pkr on 2-3/8" tby & set @ 4500'. Pressure test tbq to 4500 psi. Pressure test backside to 1000 psi. W/500# held & recorded on backside, breakdown & attempt to balloff Menefee & Cliffhouse perms w/2500 gal 15% HCL acid & 40 perf balls. Max pressure = 4500 psi. Acid to contain 1 gal/1000 F75N, 10#/1000 L58 (Fe control), and 2 gal/1000 A260 (corrosion inhibitor). Lower pkr to 5300' to knock off balls. TOH.
7. Run 7" pkr on 3-1/2" 9.3# P-110 rental frac string & set @ 4600'. W/500 psi on back side & recorded, frac Cliffhouse & Menefee with 100,000# 20/40 Arizona sand in 2% KCL 30# gel water @ 30 BPM or greater. All sand to be tagged with 0.40 mCi/1000# Ir-192 tracer. Max. pressure is 5000 psi and estimated treating pressure is 3600 psi. Treat per the following schedule:

<u>Stage</u>	<u>Fluid (Gals.)</u>	<u>Sand Vol. (lbs.)</u>
Pad	45,000	----
0.5 ppg	20,000	10,000
1.0 ppg	60,000	60,000
1.5 ppg	20,000	30,000
<u>Flush</u>	<u>1,845</u>	<u>----</u>
Totals	145,000	100,000#

If well is on a vacuum, underflush by about 25%. TOH.
Treat frac fluid with the following additives per 1000 gallons:

- * 30# gel (Guar Gell)
- * 1.0 gal. F75 (Surfactant)
- * 2% KCL



VASALY FEDERAL #1MV - OPEN ADDITIONAL MV PAY
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8. TOH w/frac string and pkr.
9. TIH w/retrieving tool on 2-3/8" tbg & C.O. w/air/mist to ret BP @ 5130'. Take pitot gauges when possible.
10. When wellbore is sufficiently clean, ret BP @ 5130' & TOH.
11. TIH w/notched collar on 2-3/8" tbg & C.O. w/air/mist to 5450'.
12. When wellbore is sufficiently clean, TOH and run after frac gamma-ray log from 5450'-4500'.
13. TIH with tested 1-1/2" tbg with standard seating nipple one joint off bottom. Again C.O. to 5450' w/air/mist & land tbg @ 5400'. Take final pitot gauges, water & oil samples, and gas samples.
14. Replace bad valves on wellhead w/rebuilt valves. ND BOP and NU wellhead. Rig down & release rig.

Approved: _____
J. A. Howieson

VENDORS:

Wireline:	Blue Jet	325-5584
Frac & Cmt:	Howco	325-3575
RA Tagging:	Pro-Technics	326-7133

PMP

VASALY FEDERAL #1-Y MV

UNIT C SECTION 31 T32N R11W
SAN JUAN COUNTY, NEW MEXICO

