

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir
Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. NMNM-005791 294 JAN -7 AM 11:21
2. Name of Operator M & G Drilling OGRID 141852	6. If Indian, Allottee or Tribe Name 070 Farmington, NM
3. Address and Telephone No. PO Box 2406 (505) 325-5449 Farmington, NM 87499	7. If Unit or CA, Agreement Designation
4. Location of Well (Footage, Sec, T. R., M, or Survey Description) Unit Letter J, 1725' FEL, 1775' FSL, Sec 10, T27N - R08W	8. Well Name and No. Graham # 51A
	9. API Well No. 30-045-21733
	10. Field and Pool, or Exploratory Blanco Mesaverde
	11. County or Parish, State San Juan, New Mexico

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input checked="" type="checkbox"/> Change of Plans
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Other	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or recompletion Report and Log Form)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including, estimated date of starting work.
If well is directionally drilled give subsurface locations and measured and true vertical depths for all markers and zones of pertinent to this work.

- 11/4/2003 MIRU BHWS Rig # 2. Spot Auxillary Equipment. RU lines to blow pit. SD compressor. Blow down production equipment. Blow down well. ND WH. NU BOPE. X-O to 1-1/2" tools. COOH w/ 106 jts of 141 jts 1-1/2" 2.9# EUE tubing. Incomplete.
- 11/5/2003 SM. SICP = 150#. BD well. COOH laying down 35 jts 1-1/2" tubing. X-O to 2-3/8". MU 3-7/8" bit & csg scraper. GIH, tally, drift new 2-3/8" tubing to 4230'. COOH. MU CIBP. GIH and set CIBP with tubing at 4370' Load hole from btm test 500#. COOH, LD setting tool. Load hole and pressure test entire casing string to 3200 psi. Hold 15 mins. Good test.
- 11/6/2003 RIH w/ GR-GSL log. Log well from 4363' to 3600'. Process Log. Select Perforations. Perforate Menefee interval w/ 20 holes - 0.31" dia from 4040' to 4294'. POOH. GIH w/ 4-1/2" FB PKR on 2-3/8".to 4300'. Spot 300 gals 15% HCl acid across perforations. Set PKR. BD bottom 2 holes @ 1740#. Pull Up and Reset PKR @ 3937'. Break down and perform Acid Ball-Off with a total of 1000 gals 15% HCL acid and 100 ball sealers. Good Ball Action. Ball-Off Menefee to 3900 psi. Total Fluid to recover 84 bbls. GIH & knock balls off the perforations COOH w/ PKR & 2-3/8".
- 11/11/2003 Complete QC tests. Gel 2 tanks. Test lines 4800#, set pop-off 3950#, Test manifold & flowback lines. Stimulate 20 Menefee perforations (4040' to 4294') with 60Q 20# Linear Nitrogen Foam with 863 bbls (36,250 gals) liquid and 1,103,500 SCF Nitrogen. ATR 46 BPM, ATP 3300#, Sand ramp .5 ppg to 2.25 ppg. ISIP 2250#. Flowing on 1/2" @ 100#, light sand.
- 11/12/2003 Continue Flowback after Menefee Frac Job. Test at 45#, 281 MCFD, loading up because rate is below minimum lift on 4-1/2".
- 11/13/2003 SM. SICP = 1000#. GIH with 3-7/8" bit on 2-3/8". Tag sand at 4300'. Cleanout sand above CIBP at 4370'. Circulate well clean, unload frac water, and alternate flowing well and unloading the well, overnight.
- 11/14/2003 COOH with tubing, and remove sand plug. GIH with 3-7/8" bit. Tag 30' of sand fill. CO sand and Drill through CIBP at 4370'. GIH to PBTD of 4565'. Bottom Perf at 4530'. COOH with 2-3/8" tubing. Run post-frac GR log from 3800' to 4450'.
- 11/15/2003 SICP = 200#. GIH and land 2-3/8" production tubing as follows. Expendable Check, 1 Jt, SN, and 132 jts (133 Jts Total) 2-3/8" 4.7# J-55 EUE tubing. Check for fill. None. End of Tubing @ 4398', SN @ 4366'. ND Pump Off Check w/ 500# Circulate Clean, and Flow both Tubing and Casing.

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

Signed: Thomas E. Mullins

Title: Engineering Manager

Date:

1-5-2004

This space for federal or state office use

Approved by:
Conditions of approval if any

Title:

Date:

