

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

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Synergy Operating, LLC OGRID # 163458

3. Address and Telephone No.

PO Box 5513 (505) 325-5449
Farmington, NM 87499

4. Location of Well (Footage, Sec, T. R., M, or Survey Description)

Unit E, 1485' FNL & 793' FWL, Sec 20, T29N, R04W

5. Lease Designation and Serial No.

15 NMNM-18319

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

29-4 Carson 20 # 7

9. API Well No.

30-039-20809

10. Field and Pool, or Exploratory

Blanco Mesaverde (Gas)

11. County or Parish, State

Rio Arriba County
New Mexico

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

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☒ Abandonment
☒ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Other (NAME CHANGE)

- ☒ Change of Plans
☒ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ 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.

SYNERGY OPERATING, LLC HAS RESTORED PRODUCTION FROM THIS WELLBORE TO THE MESAVERDE FORMATION.

CLIFFHOUSE PERFORATIONS: 5377' TO 5383' (6') & 5386' TO 5397' (11'). ACIDIZED WITH 1000 GALS 15% HCL 9 BPM, 3600# ATP.
FRAC WITH 30,000 LBS 10/20 SAND IN 30# GELLED ACID AND 540 K SCF CO2 AT 20 BPM, 1600# ATP.
ORIGINAL COMPLETION ZONE (05-19-1974)

MENEFEE AND PT. LOOKOUT PERFORATIONS: 5620', 5623', 5628', 5650', 5661', 5664', 5673', 5677', 5678', 5679', 5680', 5684',
5700', 5709', 5710', 5716', 5741', 5743' (18 HOLES - 1 SPF) INTERVAL FROM 5620' TO 5743'
ACIDIZE WITH 750 GALS 15% HCL ACID AND 40 - 1.3 SG BALL SEALERS. BALL-OFF. KNOCK OFF BALLS.
FRAC 5620' TO 5743' DOWN 2-3/8" TUBING WITH 342 BBLS 25# X-LINK GEL AND 327,000 SCF N2 AT 12 BPM
50,000 LBS 20/40 SUPER LC, 0.5 PPG TO 2.5 PPG, 4100#, ATP. 940# ISDP. (05-29-2004)

2-3/8" 4.7# J-55 PRODUCTION TUBING (176 JTS), LANDED AT 5696', PKR SET IN 5K TENSION AT 5498'.

PLEASE SEE ATTACHED INFORMATION FOR DETAILS OF MV COMPLETION
CONFIDENTIAL INFORMATION FOR 90 DAYS FROM DATE OF COMPLETION

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

Signed:

Thomas E. Mullins

Title:

Engineering Manager

Date: 06-07-2004

This space for federal or state office use

Approved by:

Conditions of approval if any

Title:

FARMINGTON FIELD OFFICE
BY

Date:

OPERATOR

Synergy Operating, LLC

29-4 CARSON 20 # 7

06-07-2004 MESAVERDE COMPLETION INFORMATION.

- 05-25-04 PC ZONE ABANDONED, CASING FAILURE REPAIRED. MILL ON CIBP AT 3640' ABOVE LINER TOP.
- 05-26-04 MILL 1 FOOT FROM 3640' TO 3641', LOST SOME CIRCULATION WHEN PLUG EQUALIZED. REGAIN CIRCULATION. COOH. GIH W/ 3-7/8" TAPERED MILL. CONTINUE TO MILL ON CIBP ABOVE LINERTOP AT 3640' COOH WITH MILL. MILL WORN.
- 05-27-04 MU NEW TAPERED MILL ON DCS. GIH AND MILL CIBP THROUGH LINER TOP TO 3644', LOST ALL RETURNS TO CLIFFHOUSE PERFORATIONS. WORK MILL THROUGH LINER TOP AREA. NO DRAG. GIH WITH TAPERED MILL. TAG PBTD OF 5858'. COOH, STAND BACK WORN TUBING. PU NEW 2-3/8" TUBING.
- 05-28-04 COOH LAYING DOWN BAD 2-3/8" TUBING AND DCS. RU BLUE JET. RIH AND LOG GR-CCL-CBL FROM 5830' TO 4500' (LINER TOP AT 3644'). GOOD BOND ACROSS ALL INTERVALS. CEMENT WAS CIRCULATED ON PRIMARY LINER JOB IN 1974. RIH W/ 3-1/8" HSC PERFORATING GUN. SELECT FIRE. MENELEE AND PT. LOOKOUT PERFORATIONS: 5620', 5623', 5628', 5650', 5661', 5664', 5673', 5677', 5678', 5679', 5680', 5684', 5700', 5709', 5710', 5716', 5741', 5743' (18 HOLES - 1 SPF) INTERVAL FROM 5620' TO 5743' RD BLUE JET. GIH W/ FULLBORE 4-1/2" PKR ON 2-3/8" TUBING. ENTER LINER TOP, AND PULL ABOVE OVERNIGHT.
- 05-29-04 GIH AND SET PKR AT 5727'. BD BOTTOM 2 PERFS 5741' AND 5743' W/ 2% KCL. PULL UP RESET PKR AT 5501' ACIDIZE WITH 750 GALS 15% HCL ACID AND 40 - 1.3 SG BALL SEALERS. BALL-OFF. KNOCK OFF BALLS. RESET PKR AT 5501'. FLANGE DOWN IN WELLHEAD FOR FRAC. RU BJ SERVICES FRAC 5620' TO 5743' DOWN 2-3/8" TUBING WITH 342 BBLS 25# X-LINK GEL AND 327,000 SCF N2 AT 12 BPM 50,000 LBS 20/40 SUPER LC, 0.5 PPG TO 2.5 PPG, 4100#, ATP. 940# ISDP. (05-29-2004) FLOW WELL BACK AFTER FRAC. FINAL FLOWING PRESSURE 175# ON 1/2" CHOKE (1,013 MCFD).
- 05-30-04 COMPLETE FLOWBACK. SI WELL.
- 05-31-04 NO ACTIVITY. WELL SI.
- 06-01-04 SICIP = 475# (CLIFFHOUSE), SITP = 1200# (MENELEE, PT. LOOKOUT). KILL TUBING W/ 30 BBLS 2% KCL. RELEASE PKR. GIH, TAG SAND AT 5774' (NEW PBTD), BTM PERF AT 5743'. COOH W/ FULLBORE PKR. GIH W/ BAKER LOKSET PRODUCTION PKR. WOULD NOT PASS 3654' (13' INTO LINER). PROBLEM WITH PKR. COOH. GIH W/ BAKER LOKSET PRODUCTION PKR. LAND 2-3/8" 4.7# J-55 TUBING AT 5696' (EOT), SN ON BOTTOM. 6 FULL JTS, THEN PKR SET AT 5498', 170 JTS TUBING TO SURFACE (176 JTS TOTAL), LAND IN WH, AT 5696'. INSTALL SEAL SLEEVE IN WH. ND BOPE, NU WH.
- 06-02-04 SICIP = 125# (CLIFFHOUSE), SITP = ZERO. RU SWABBING TOOLS FOR 2-3/8". SWAB WELL IN AFTER 4 RUNS. WELL FLOWING. RD & RELEASE. WELL PRODUCING FROM MESAVERDE FORMATION. PICTURED CLIFFS IS ABANDONED.

Per NMOCD rule 1105.C

Form C-105 and accompanying attachments will not be kept confidential by the Division unless so requested in writing by the owner of the well. Upon such request, the Division will keep these data confidential for 90 days from the date of completion of the well, provided, however, that the report, log(s), and other attached data may, when pertinent, be introduced in any public hearing before the Division or its examiners or in any court of law, regardless of the request that they be kept confidential. [1-1-65...2-1-96]

Synergy requests this information to be held confidential for the maximum time allowed.

CONFIDENTIAL INFORMATION FOR 90 DAYS FROM DATE OF COMPLETION

TEM 06-07-2004

SECOND PAGE OF SUNDRY NOTICE
MESAVERDE COMPLETION