Form 3160-5

## **UNITED STATES** DEPARTMENT OF THE INTERIOR

FORM APPROVED

Budget Bureau No. 1004-0135

BUREAU OF LAND MANAGEMENT  SUNDRY NOTICES AND REPORTS ON WELLS  SUNDRY NOTICES AND REPORTS ON WELLS  Do not use this form for proposals to drill or to deegen or reentry to a different reservoir  Use "APPLICATION FOR PERMIT." for such proposals  SUBMIT IN TRIPLICATE  1. Type of Well  Oil Well X Gas Well Other  2. Name of Operator  Synergy Operating, LLC  3. Address and Telephone No.  P.O. Box 5513, Farmington, NM 87499  4. Location of Well (Footage, Sec. T. R., M. or Survey Description)  1955' FSL, 885' FWL, Sec 24, T29N-R12W (Unit Ltr: L)  12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR O  TYPE OF SUBMISSION  TYPE OF ACTION  Notice of Intent  Subsequent Report  Final Abandonment Notice  Abandoment  Recompletion  Plugging Back Casing Repair Altering Casing Other  13. Describe Proposed or Completed Operations (Clearly state all perfinent details, and give perfinent dates, including, esting the difference of the completion of the com	
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Do not use this form for proposals to drill or to deagén or reentry to a différent reservoir Use "APPLICATION FOR PERMIT -" for such proposals    SUBMIT IN TRIPLICATE	5. Lease Designation and Serial No.
SUBMIT IN TRIPLICATE   SUBMIT IN TRIPLICATE	
1. Type of Well    Oil Well   X   Gas Well   Other	NMNM013885
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1. Type of Well  Oil Well X Gas Well Other  Synergy Operating, LLC  3. Address and Telephone No.  P.O. Box 5513, Farmington, NM 87499  4. Location of Well (Footage, Sec. T. R., M. or Survey Description)  1955' FSL, 885' FWL, Sec 24, T29N-R12W (Unit Ltr: L)  12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR O  TYPE OF SUBMISSION  Notice of Intent  Subsequent Report  Final Abandonment Notice  Altering Casing Other  13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including, estifit well is directionally drilled give subsurface locations and measured and true vertical depths for all markers and zones of the well is directionally drilled give subsurface locations and measured and true vertical depths for all markers and zones of S-18-05: NU 8-5/8" x 5-1/2" Bradenhead, 10-3/4" flange & 3M double-gate BOP and kill 8-5/8" Csg to 1000#/30-Min, OK. PT 3-1/2" pipe rams & upper Kelly cock Ruyballid of Farmington BLM Office). Till will 7-7/8" hole F/630'. Survey @ 350' = 1-1/4". Drill 7-7/8" hole F/630'. T/630  5-19-05: Tilh to 630' & Drill new 7-7/8" hole F/630' — T/850' w/ clear water, lost 40-Bbls villates on the F/850' = 1". Till to 1430' & Brill 7-7/8" hole F/1430' — T/1825' w/ clear circulate & condition hole w/ starch for logging run tomorrow. PUH to 15 to 15.5# J-55 csg & land @ 1823' w/ FC @ 1785' and marker Jr F/1455 — T & 10-centralizers @ 1813', 1786', 1745', 1705', 1509', 1337', 1141', 944', follows: Lead: Pump 150-sxs (122-5ft') Premium Life FM Cement w/ 3% + 8% Bentonite + 0.4% Sodium Metasilicate + 3-#/sx Pheno-Seal. Yield 4.0-BPM & 100#. F/81 Tail Slurry: Pump 100-sxs (139-ft') Type Ill Ceme % FL-52 + 2-#/sx Pheno-Seal. Yield = 1.39 ft'3/sx, Slurry Weight = 14.6 F plug w/ 42.5-Bbl of water @ 3.8-BPM & 50 -690#. Bump plug w/ 1600#.	
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TYPE OF SUBMISSION  Notice of Intent    Abandoment   Recompletion   Plugging Back   Casing Repair   Altering Casing   Other	11. County or Parish, State
TYPE OF SUBMISSION  Notice of Intent    Abandoment   Recompletion   Plugging Back   Casing Repair   Altering Casing   Other	
TYPE OF SUBMISSION  Notice of Intent    Abandoment   Recompletion   Plugging Back   Casing Repair   Altering Casing   Other	San Juan Co., NM
Notice of Intent    Abandoment Recompletion   Recom	THER DATA
Recompletion Plugging Back Casing Repair Altering Casing Other  13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including, estilf well is directionally drilled give subsurface locations and measured and true vertical depths for all markers and zones of 5-18-05:  NU 8-5/8" x 5-1/2" Bradenhead, 10-3/4" flange & 3M double-gate BOP and kill 8-5/8" Csg to 1000#/30-Min, OK. PT 3-1/2" pipe rams & upper Kelly cock Ruybalid of Farmington BLM Office). TilH w/ 7-7/8" bit, 2 – 4-7/8" DC's F/320' – T/360'. Survey @ 350' = 1-1/4°. Drill 7-7/8" hole F/360' – T/630  5-19-05:  TIH to 630' & Drill new 7-7/8" hole F/630' – T/850' w/ clear water, lost 40-Bbls w 7-7/8" hole F/850' – T/1430'. PUH to 1330'. SDON.  5-20-05:  Survey @ 1350' = 1°. TIH to 1430' & Drill 7-7/8" hole F/1430' – T/1825' w/ clear Circulate & condition hole w/ starch for logging run tomorrow. PUH to 15  5-21-05:  TOOH, LD 3-1/2" DP, DC's & 7-7/8" bit. Run OH Density (1800-1400') & GR-N 15.5# J-55 csg & land @ 1823' w/ FC @ 1785' and marker Jt F/1455 – T. & 10-centralizers @ 1813', 1786', 1745', 1705', 1509', 1337', 1141', 944', follows: Lead: Pump 150-sxs (322.5-ft³) Premium Lite FM Cement w/ 3% + 8% Bentonite + 0.4% Sodium Metasilicate + 3-#/sx Pheno-Seal. Yield 4.0-BPM & 100#. F/B Tail Slurry: Pump 100-sxs (139-ft³) Type III Ceme % FL-52 + 2-#/sx Pheno-Seal. Yield = 1.39 ft³/sx, Slurry Weight = 14.6 F plug w/ 42.5-Bbl of water @ 3.8-BPM & 50 – 690#. Bump plug w/ 1600#	
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Plugging Back Casing Repair   Altering Casing Other	Change of Plans
Final Abandonment Notice  Casing Repair Altering Casing Other  Casing Repair Altering Casing Other  Casing Repair Altering Casing Other  13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including, estiff well is directionally drilled give subsurface locations and measured and true vertical depths for all markers and zones of 5-18-05:  NU 8-5/8" x 5-1/2" Bradenhead, 10-3/4" flange & 3M double-gate BOP and kill 8-5/8" Csg to 1000#/30-Min, OK. PT 3-1/2" pipe rams & upper Kelly cock Ruybalid of Farmington BLM Office).  TIH w/ 7-7/8" bit, 2 – 4-7/8" DC's F/320' – T/360'. Survey @ 350' = 1-1/4°. Drill 7-7/8" hole F/360' – T/630  5-19-05:  TIH to 630' & Drill new 7-7/8" hole F/630' – T/850' w/ clear water, lost 40-Bbls of 7-7/8" hole F/850' – T/1430'. PUH to 1330'. SDON.  5-20-05:  Survey @ 1350' = 1°. TIH to 1430' & Drill 7-7/8" hole F/1430' – T/1825' w/ clear Circulate & condition hole w/ starch for logging run tomorrow. PUH to 15  5-21-05:  TOOH, LD 3-1/2" DP, DC's & 7-7/8" bit. Run OH Density (1800-1400') & GR-N 15.5# J-55 csg & land @ 1823' w/ FC @ 1785' and marker Jt F/1455 – T & 10-centralizers @ 1813', 1786', 1745', 1705', 1509', 1337', 1141', 944', follows: Lead: Pump 150-sxs (322.5-ft³) Premium Lite FM Cement w/ 3% + 8% Bentonite + 0.4% Sodium Metasilicate + 3-#/sx Pheno-Seal. Yield 4.0-BPM & 100#. F/B Tail Slurry: Pump 100-sxs (139-ft³) Type III Ceme % FL-52 + 2-#/sx Pheno-Seal. Yield = 1.39 ft³/sx, Slurry Weight = 14.6 F plug w/ 42.5-Bbl of water @ 3.8-BPM & 50 – 690#. Bump plug w/ 1600#	New Construction
Similar   Casing Other   Oth	Non-Routine Fracturing
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(20 1. 0. 1.0 1.0, 0.11.1.0 0.11.1.1.1.1.1.1.1.1.1.1.1.1.1	7/1470'. Ran 2-turbolizers @ 548' & 508', , 746', 312'. Cement 5-1/2" 15.5# Csg as % CaCl2 + ¼-#/sx Celloflake + 0.4% FL-52 = 2.15 ft³/sx, Slurry Weight = 12.1 PPG @ ent w/ 1% CaCl2 + ¼-#/sx Celloflake + 0.2% PPG @ 3.5-BPM & 50#. Displace plug t @ 1815-Hrs, plug held. Circ 4-Bbls
14. I hereby certify that the foregoing is true and correct	
Signed: Title: Operations Manage	ACCEPTED FOR RECOF
٧٢	
This space for federal or state office use	MAY 2 7 2005
Approved by: Title:	Date: FARMING UM FIELD UFFIC