

Submit 3 Copies To Appropriate District Office
District I
1625 N. French Dr., Hobbs, NM 87240
District II
811 South First, Artesia, NM 87210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-103
Revised March 25, 1999

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-045-22531
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other: SWD		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
2. Name of Operator Synergy Operating LLC		6. State Oil & Gas Lease No.
3. Address of Operator P.O.Box 5513, Farmington, NM 87499		7. Lease Name or Unit Agreement Name: Santa Fe H 20 (7840)
4. Well Location Unit Letter <u>F</u> : <u>2150</u> feet from the <u>North</u> line and <u>1980</u> feet from the <u>West</u> line Section <u>20</u> Township <u>21N</u> Range <u>8W</u> NMPM San Juan County		8. Well No 2
10. Elevation (Show whether DR, RKB, RT, GR, etc.) 6568' GR		9. Pool name or Wildcat SWD: Morrison Bluff Entrada (96162)

RECEIVED
JUL - 6 1999
OIL CON. DIV.
DIST. 3

11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☒
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOB ☐
OTHER: ☐

12. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Synergy Operating proposes to Plug & Abandon the subject well according to the attached procedure

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Glen O. Papp TITLE Operations Manager DATE 7/2/99

Type or print name Glen O. Papp Telephone No. 325-5449

(This space for State use)

ORIGINAL SIGNED BY ERNIE BUSCH

APPROVED BY _____ TITLE DEPUTY OIL & GAS INSPECTOR, DIST. #3 DATE JUL - 7 1999

Conditions of approval, if any:

PROCEDURE TO PLUG AND ABANDON

SYNERGY OPERATING LLC

SANTA FE H 20 #2

SEC. 20, T21N, R8W

SAN JUAN, NM

NOTE: ALL CEMENT VOLUMES USE 50' EXCESS INSIDE PIPE AND 100% EXCESS OUTSIDE PIPE. THE STABILIZING WELLBORE FLUID WILL BE 8.33 PPG, SUFFICIENT TO STABILIZE ALL EXPOSED FORMATION PRESSURE.

1. INSTALL AND TEST RIG ANCHORS. PREPAIR BLOW PIT. COMPLY WITH ALL NMOC, BLM, AND SYNERGY OPERATING REGULATIONS. MOL AND RU DAYLIGHT PULLING UNIT. CONDUCT SAFETY MEETING WITH ALL PERSONNEL ON LOCATION. NU RELIEF LINE AND BLEED DOWN WELL. KILL WITH WATER AND NECESSARY. ND WELLHEAD AND NU BOP. TEST BOP.
2. POH AND LD 4680' OF 3 1/2" TUBING.
3. RU WIRELINE AND RIH WITH 7" GAUGE RING TO 4746'. RIH WITH 7" CIBP AND SET AT 4746'. PU AND RIH WITH 2 3/8" WORK STRING AND TAG TOP OF CIBP. CIRCULATE HOLE CLEAN WITH WATER AND PRESSURE TEST CASING TO 500 PSI.
4. **PLUG #1 (MORRISON, ENTRADA, 4646' - 4746')**; BALANCE 19 SX CLASS B CEMENT PLUG ON TOP OF CIBP. PUH TO 4548'.
5. ^{4345 4495}
PLUG #2 (DAKOTA, 4398' - 4548'); BALANCE 28 SX CLASS B CEMENT PLUG INSIDE CASING. PUH TO 3393'.
6. **PLUG #3 (GALLUP, 3393' - 3243')**; BALANCE 28 SX CLASS B CEMENT PLUG INSIDE CASING. PUH TO 2489'.
7. **PLUG #4 (POINT LOOKOUT, 2389' - 2539')**; BALANCE 28 SX CLASS B CEMENT PLUG INSIDE CASING. PUH TO 892'.
8. **PLUG #5 (LAVENTANA, 742' - 892')**; BALANCE 28 SX CLASS B CEMENT PLUG INSIDE CASING. PUH TO 263'.
9. **PLUG #6 (SURFACE, 0' - 263')**; MIX 48 SX CLASS B CEMENT TO CIRCULATE GOOD CEMENT TO SURFACE. POH.
10. ND BOP AND DIG CELLAR. CUT OFF WELLHEAD AND TOP OFF CASINGS AS NEEDED. RD RIG AND CUT OFF ANCHORS. MOL.