

State of New Mexico  
Energy Minerals and Natural Resources

Form C-144  
June 1, 2004

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

For drilling and production facilities, submit to  
appropriate NMOCD District Office.  
For downstream facilities, submit to Santa Fe  
office

**Pit or Below-Grade Tank Registration or Closure**

Is pit or below-grade tank covered by a "general plan"? Yes ☒ No ☐

Type of action: Registration of a pit or below-grade tank ☐ Closure of a pit or below-grade tank ☒

Operator: Synergy Operating, LLC (OGRID # 163458) Telephone: (505) 325-5449 e-mail address: tom.mullins@synergyoperating.com  
Address: PO Box 5513, Farmington, NM 87499  
Facility or well name: Federal 29-12-24 # 101 API #: 30-045-32852 U/L or Qtr/Qtr L Sec 24 T 29N R 12W  
County: San Juan Latitude: 36 Deg. 42 Min. 36.3 Sec N Longitude: 108 Deg. 03 Min. 23.4 Sec W NAD: 1927 ☐ 1983 ☒ Surface Owner Federal ☒ State ☐ Private ☐ Indian ☐

Pit

Type: Drilling ☒ Production ☐ Disposal ☐  
Workover ☐ Emergency ☐  
Lined ☒ Unlined ☐  
Liner type: Synthetic ☒ Thickness 12+ mil Clay ☐  
Pit Volume 1000 bbl

**Below-grade tank**

Volume: \_\_\_\_\_ bbl Type of fluid: \_\_\_\_\_  
Construction material: \_\_\_\_\_  
Double-walled, with leak detection? Yes ☐ If not, explain why not.

Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.)

Less than 50 feet	(20 points)
50 feet or more, but less than 100 feet	(10 points)
100 feet or more	( 0 points)

Wellhead protection area: (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources.)

Yes	(20 points)
No	( 0 points)

Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)

Less than 200 feet	(20 points)
200 feet or more, but less than 1000 feet	(10 points)
1000 feet or more	( 0 points)

**Ranking Score (Total Points)**

**If this is a pit closure:** (1) attach a diagram of the facility showing the pit's relationship to other equipment and tanks. (2) Indicate disposal location: (check the onsite box if you are burying in place) onsite ☒ offsite ☐ If offsite, name of facility \_\_\_\_\_. (3) Attach a general description of remedial action taken including remediation start date and end date. (4) Groundwater encountered: No ☒ Yes ☐ If yes, show depth below ground surface \_\_\_\_\_ ft. and attach sample results. (5) Attach soil sample results and a diagram of sample locations and excavations.

Additional Comments:

Synergy plans to close the pit per the general guidelines upon return of this approved application. The pit has been empty of all fluids, remains fenced, but awaits a bull dozer to complete final closure.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that the above-described pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☒, a general permit ☐, or an (attached) alternative OGD-approved plan ☐.

Date: 06-26-2005

Printed Name/Title Thomas E. Mullins

Signature [Signature]

Your certification and NMOCD approval of this application/closure does not relieve the operator of liability should the contents of the pit or tank contaminate ground water or otherwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with any other federal, state, or local laws and/or regulations.

DEPUTY OIL & GAS INSPECTOR, DIST. 28

Approval:

Printed Name/Title A. Villanueva

Signature [Signature]

Date: JUN 28 2005

French Dr., Hobbs, N.M. 88240

DISTRICT II  
1301 W. Grand Ave., Artesia, N.M. 88210

DISTRICT III  
1000 Rio Brazos Rd., Aztec, N.M. 87410

DISTRICT IV  
1220 South St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-102  
Revised June 10, 2003

Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number	<sup>2</sup> Pool Code	<sup>3</sup> Pool Name BASIN FRUITLAND COAL
<sup>4</sup> Property Code	<sup>5</sup> Property Name CRAWFORD 29-12-24	<sup>6</sup> Well Number 101
<sup>7</sup> OGRID No. 163458	<sup>8</sup> Operator Name SYNERGY OPERATING LLC	<sup>9</sup> Elevation 5641

<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	24	29-N	12-W	10	1955	SOUTH	885	FWL	SAN JUAN

<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<sup>12</sup> Dedicated Acres W/Z					<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.		

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

LOT 4		LOT 3		LOT 2		LOT 1	
LOT 5		LOT 6		LOT 7		LOT 8	
LOT 10						LOT 9	

FD 3 1/4" B.L.M. BC 1974

885'

N 2-16-37 E 2566.1' (M)

1955'

LAT: 36°42'36.3" N (NAD 83)  
LONG: 108°03'23.4" W (NAD 83)

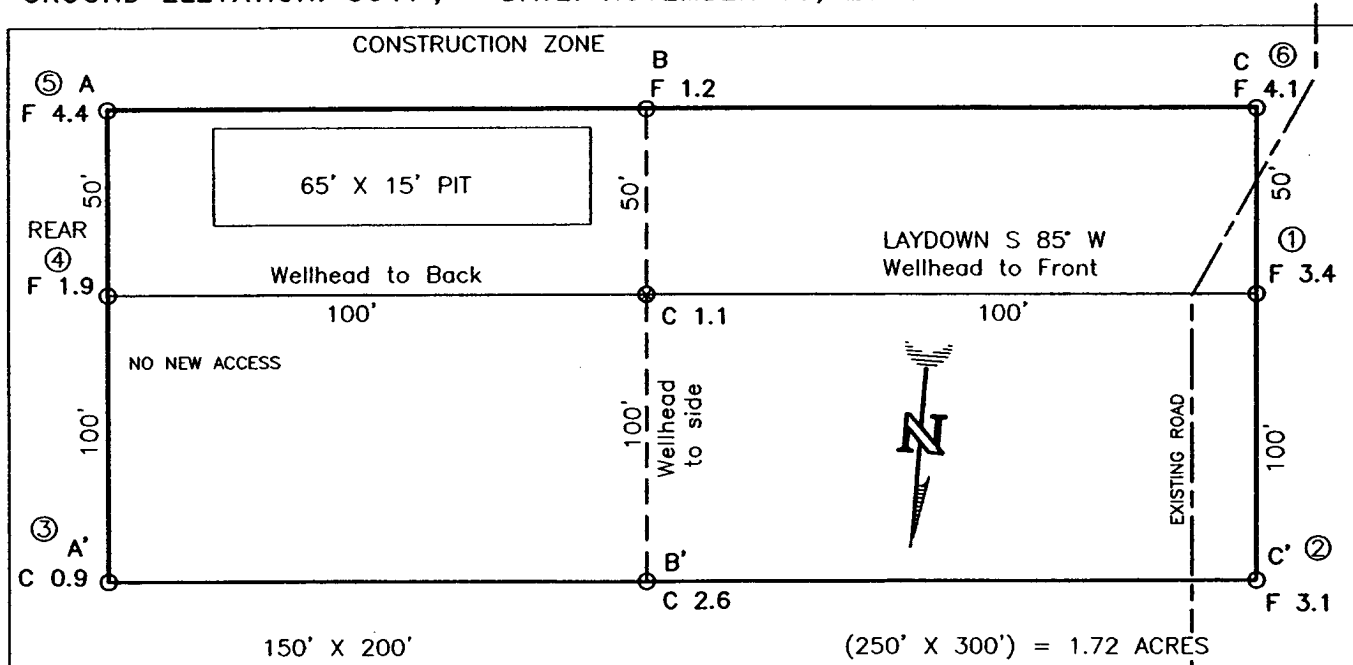
S 89-40-39 E 2621.8' (M)

FD 3 1/4" B.L.M. BC 1974

17 OPERATOR CERTIFICATION  
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  
Signature: Thomas E. Mullins  
Printed Name: THOMAS E. MULLINS  
Title: ENGINEERING MANAGER  
Date: 12-26-2004

18 SURVEYOR CERTIFICATION  
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my knowledge and belief.  
Signature and Seal: JOHN VUKONICH  
Date of Survey: NOVEMBER 10, 2004  
Professional Surveyor: 14831  
Certificate Number: 14831

ENERGY OPERATING LLC  
 CRAWFORD 29-12-24 NO. 101, 1955' FSL 885' FWL  
 SECTION 24, T29N, R12W, N.M.P.M., SAN JUAN COUNTY, N. M.  
 GROUND ELEVATION: 5641', DATE: NOVEMBER 10, 2004



#### PIPELINE

RESERVE PIT DIKE: TO BE 8' ABOVE DEEP SIDE (OVERFLOW - 3' WIDE AND 1' ABOVE SHALLOW SIDE).  
 BLOW PIT: OVERFLOW PIPE HALFWAY BETWEEN TOP AND BOTTOM AND TO EXTEND OVER PLASTIC LINER AND INTO BLOW PIT.

NOTE: DAGGETT ENTERPRISES, INC. IS NOT LIABLE FOR UNDERGROUND UTILITIES OR PIPELINES. NEW MEXICO ONE CALL TO BE NOTIFIED 48 HOURS PRIOR TO EXCAVATION OR CONSTRUCTION.

ELEV. A-A'	C/L			
5650				
5640				
5630				
5620				

ELEV. B-B'	C/L			
5650				
5640				
5630				
5620				

ELEV. C-C'	C/L			
5650				
5640				
5630				
5620				

NOTE: CONTRACTOR SHOULD CALL ONE-CALL FOR LOCATION OF ANY MARKED OR UNMARKED BURIED PIPELINES OR CABLES ON WELL PAD AND OR ACCESS ROAD AT LEAST TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION.

REVISION:	DATE:	REVISED BY:

**Daggett Enterprises, Inc.**  
 Surveying and Oil Field Services  
 P. O. Box 15068 • Farmington, NM 87401  
 Phone (505) 326-1772 • Fax (505) 326-6019  
 NEW MEXICO L.S. No. 14831

**DATE: 11/18/04**

**DRAWN BY: G.V.**  
**ROW#: SYOP004**