

District I  
1625 N French Dr, Hobbs, NM 88240  
District II  
1301 W Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S St Francis Dr, Santa Fe, NM 87505

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 COG Operating, LLC Telephone (432) 685-4340 e-mail address PEwards@conchoresources.com  
Address 550 West Texas Ave, Suite 1300, Midland, Texas 79701  
Facility or well name MC Federal #21 API # 30-025-38815 U/L or Qtr/Qtr D Sec 21 T-17-S R-32-E  
County Lea Latitude 32 824557N Longitude 103 776306W NAD 1927 X 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 25,000 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) 150'

Less than 50 feet

(20 points)

50 feet or more, but less than 100 feet

(10 points)

0

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)

0

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)

0

**Ranking Score (Total Points)**

0

**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

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 X, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Date 12-10-07

Printed Name/Title Gary Miller, Agent

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

Approval

Printed Name/Title CHRIS WILLIAMS / DIST SUPV

Signature 

Date

3/24/08

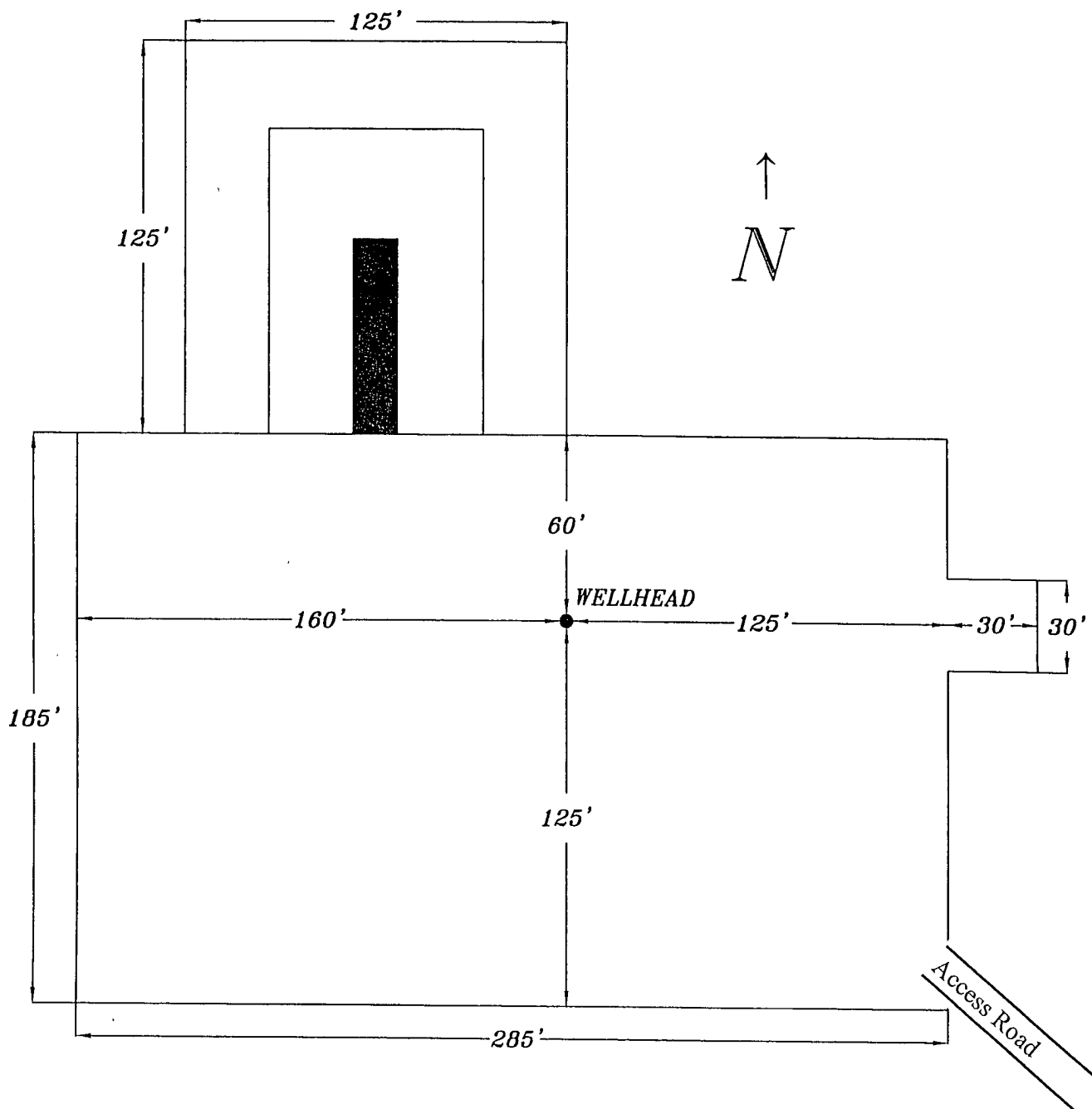


EXHIBIT #6

DATE:  
9/14/07  
OWN. BY:  
JJ  
FILE:  
C:\COG\  
PIT LAYOUT

COG OPERATING, LLC  
RIG LAYOUT

HIGHLANDER ENVIRONMENTAL CORP.  
MIDLAND, TEXAS

NOT TO SCALE