

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

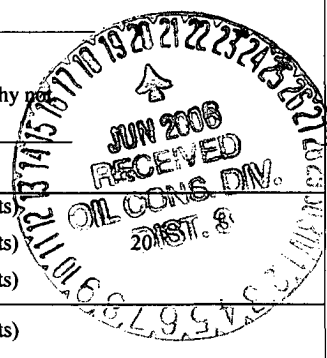
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

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: <u>Coleman Oil & Gas Inc.</u> Telephone: <u>(505)327-0356</u> e-mail address: _____		
Address: <u>6540 East Main Street, Farmington, New Mexico 87401</u>		
Facility or well name: <u>Payne 221S</u> API #: <u>30-045-32517</u> U/L or Qtr/Qtr <u>J</u> Sec <u>22</u> T <u>32N</u> R <u>10W</u>		
County: <u>San Juan</u> Latitude <u>36.97017</u> Longitude <u>107.866507</u> NAD: 1927 <input checked="" type="checkbox"/> 1983 <input type="checkbox"/> Surface Owner Federal <input type="checkbox"/> State <input type="checkbox"/> Private <input checked="" type="checkbox"/> Indian <input type="checkbox"/>		
Pit Type: Drilling <input checked="" type="checkbox"/> Production <input type="checkbox"/> Disposal <input type="checkbox"/> Workover <input type="checkbox"/> Emergency <input type="checkbox"/> Lined <input checked="" type="checkbox"/> Unlined <input type="checkbox"/> Liner type: Synthetic <input checked="" type="checkbox"/> Thickness <u>12</u> mil Clay <input type="checkbox"/> Pit Volume <u>9,500+/-</u> bbl	Below-grade tank Volume: _____ bbl Type of fluid: _____ Construction material: _____ Double-walled, with leak detection? Yes <input type="checkbox"/> If not, explain why _____	
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) 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) 20 1000 feet or more (0 points)	
Ranking Score (Total Points) 40		

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 JFJ Landfarm. (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: Remediation of lined drilling reserve pit with breached liner. Original Pit approximately 150' x 50' x 8' +/- with 2:1 side slopes.
Over excavate in all directions around previous lined pit. Excavate north half & sample 11/14/2005. Excavate south half & sample 11/18/2005.
NMOCD representative D. Foust on location to witness & split samples.
Lab TPH recorded at non-detect for all samples.
See attached field notes for pit location, dimensions and sampling locations. Total excavated soil of approximately 3,000 cy transported to JFJ Landfarm.

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 OCD-approved plan ☐.

Date: 12/9/2005

Printed Name/Title JEFF BLAGG / AGENT

Signature Jeff Blagg

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 DEPUTY OIL & GAS INSPECTOR, DIST. IV

Signature Wendy

Date: JUN 20 2006

CLIENT: <u>COLEMAN</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u> </u> COCR NO: <u>HALL</u>																																
FIELD REPORT: PIT CLOSURE VERIFICATION		PAGE No: <u>1</u> of <u>2</u>																																
LOCATION: NAME: <u>PAYNE</u> WELL #: <u>221S</u> TYPE: <u>RESERVE</u> QUAD/UNIT: <u>J</u> SEC: <u>22</u> TWP: <u>32N</u> RNG: <u>10W</u> PM: <u>NM</u> CNTY: <u>ST</u> ST: <u>NM</u> QTR/FOOTAGE: <u>2445'S/1630'E NW/SE</u> CONTRACTOR: <u>CORE SERV. (COREY)</u>		DATE STARTED: <u>11/14/05</u> DATE FINISHED: <u>12/2/05</u> ENVIRONMENTAL SPECIALIST: <u>NV</u>																																
EXCAVATION APPROX. <u>52</u> FT. x <u>84</u> FT. x <u>11</u> FT. DEEP. CUBIC YARDAGE: <u>1800 ±</u>																																		
DISPOSAL FACILITY: <u>JFJ LANDFARM CROUCH MESA</u> REMEDIATION METHOD: <u>LANDFARM</u>																																		
LAND USE: <u>RANGE-</u> LEASE: <u>FEE</u> FORMATION: <u>FT</u>																																		
FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY <u>118</u> FT. <u>N84E</u> FROM WELLHEAD.																																		
DEPTH TO GROUNDWATER: <u><50'</u> NEAREST WATER SOURCE: <u>21000'</u> NEAREST SURFACE WATER: <u><200'</u>																																		
NMOCD RANKING SCORE: <u>30</u> NMOCD TPH CLOSURE STD: <u>100</u> PPM																																		
SOIL AND EXCAVATION DESCRIPTION: ELEV. - <u>5,929'</u> <div style="float: right; border: 1px solid black; padding: 2px;"> OVM CALIB. READ. = <u> </u> ppm OVM CALIB. GAS = <u> </u> ppm TIME: <u> </u> am/pm DATE: <u> </u> RF = <u>0.52</u> </div>																																		
SOIL TYPE: <u>SAND</u> / SILTY SAND / SILT <u>SILTY CLAY</u> / CLAY / GRAVEL / OTHER <u> </u> SOIL COLOR: <u>DK. YELL. ORANGE TO DK. YELL. BROWN</u> COHESION (ALL OTHERS): <u>NON COHESIVE</u> / SLIGHTLY COHESIVE / COHESIVE / HIGHLY COHESIVE CONSISTENCY (NON COHESIVE SOILS): <u>LOOSE</u> / <u>FIRM</u> / DENSE / VERY DENSE PLASTICITY (CLAYS): <u>NON PLASTIC</u> / SLIGHTLY PLASTIC / COHESIVE / MEDIUM PLASTIC / HIGHLY PLASTIC DENSITY (COHESIVE CLAYS & SILTS): <u>SOFT</u> / FIRM / STIFF / VERY STIFF / HARD MOISTURE: DRY / <u>SLIGHTLY MOIST</u> / <u>MOIST</u> / WET / SATURATED / SUPER SATURATED DISCOLORATION/STAINING OBSERVED: YES / <u>NO</u> EXPLANATION - <u> </u> HC ODOR DETECTED: YES / <u>NO</u> EXPLANATION - <u> </u> SAMPLE TYPE: GRAB / <u>COMPOSITE</u> # OF PTS. <u>5</u> ADDITIONAL COMMENTS: <u>D. FOUST (OCD) ON-SITE TO WITNESS SAMPLING. COLLECTED SPUT SAMPLE & RELINQUISHED ONE TO D. FOUST.</u>																																		
FIELD 418.1 CALCULATIONS																																		
<div style="display: flex; justify-content: space-between;"> <div style="width: 15%;"> SCALE </div> <table border="1" style="width: 85%; border-collapse: collapse;"> <thead> <tr> <th>SAMP. TIME</th> <th>SAMP. ID</th> <th>LAB NO.</th> <th>WEIGHT (g)</th> <th>mL FREON</th> <th>DILUTION</th> <th>READING</th> <th>CALC. (ppm)</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table> </div>			SAMP. TIME	SAMP. ID	LAB NO.	WEIGHT (g)	mL FREON	DILUTION	READING	CALC. (ppm)																								
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TRAVEL NOTES: CALLOUT: <u>11/11/05 - MORN.</u> ONSITE: <u>11/14/05 - AFTER. (SERVED.)</u>																																		

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EXCAVATION APPROX. <u>40</u> FT. x <u>72</u> FT. x <u>11</u> FT. DEEP. CUBIC YARDAGE: <u>1,200 ±</u> DISPOSAL FACILITY: <u>IFJ CROWN MESA L.F.</u> REMEDIATION METHOD: <u>EXCAVATE/L.F.</u> LAND USE: <u>RANGE</u> LEASE: <u>FEE</u> FORMATION: <u>FT</u>																																										
FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY <u>72</u> FT. <u>S75E</u> FROM WELLHEAD. DEPTH TO GROUNDWATER: <u><50</u> NEAREST WATER SOURCE: <u>>1000</u> NEAREST SURFACE WATER: <u><200</u> NMOC D RANKING SCORE: <u>30</u> NMOC D TPH CLOSURE STD: <u>100</u> PPM																																										
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TRAVEL NOTES: CALLOUT: _____ ONSITE: <u>11-18-05 0815 AM</u>																																										

Hall Environmental Analysis Laboratory

Date: 21-Nov-05

CLIENT: Blagg Engineering

Client Sample ID: RP-5PC@10'(Reserve Pit)

Lab Order: 0511144

Collection Date: 11/14/2005 2:05:00 PM

Project: Payne #221S

Lab ID: 0511144-01

Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: SCC
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	11/16/2005 12:05:51 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	11/16/2005 12:05:51 PM
Surr: DNOP	99.1	60-124		%REC	1	11/16/2005 12:05:51 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	11/16/2005 10:40:04 AM
Surr: BFB	106	83.1-124		%REC	1	11/16/2005 10:40:04 AM

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Hall Environmental Analysis Laboratory

Date: 02-Dec-05

CLIENT: Blagg Engineering
Lab Order: 0511233
Project: Coleman: Payne 221 S
Lab ID: 0511233-01

Client Sample ID: 5-Point@11'
Collection Date: 11/18/2005 8:45:00 AM

Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: SCC
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	12/1/2005 2:56:29 AM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	12/1/2005 2:56:29 AM
Surr: DNOP	93.7	60-124		%REC	1	12/1/2005 2:56:29 AM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	11/30/2005 12:42:55 AM
Surr: BFB	97.5	83.1-124		%REC	1	11/30/2005 12:42:55 AM

Qualifiers:
ND - Not Detected at the Reporting Limit
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