

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 ☒

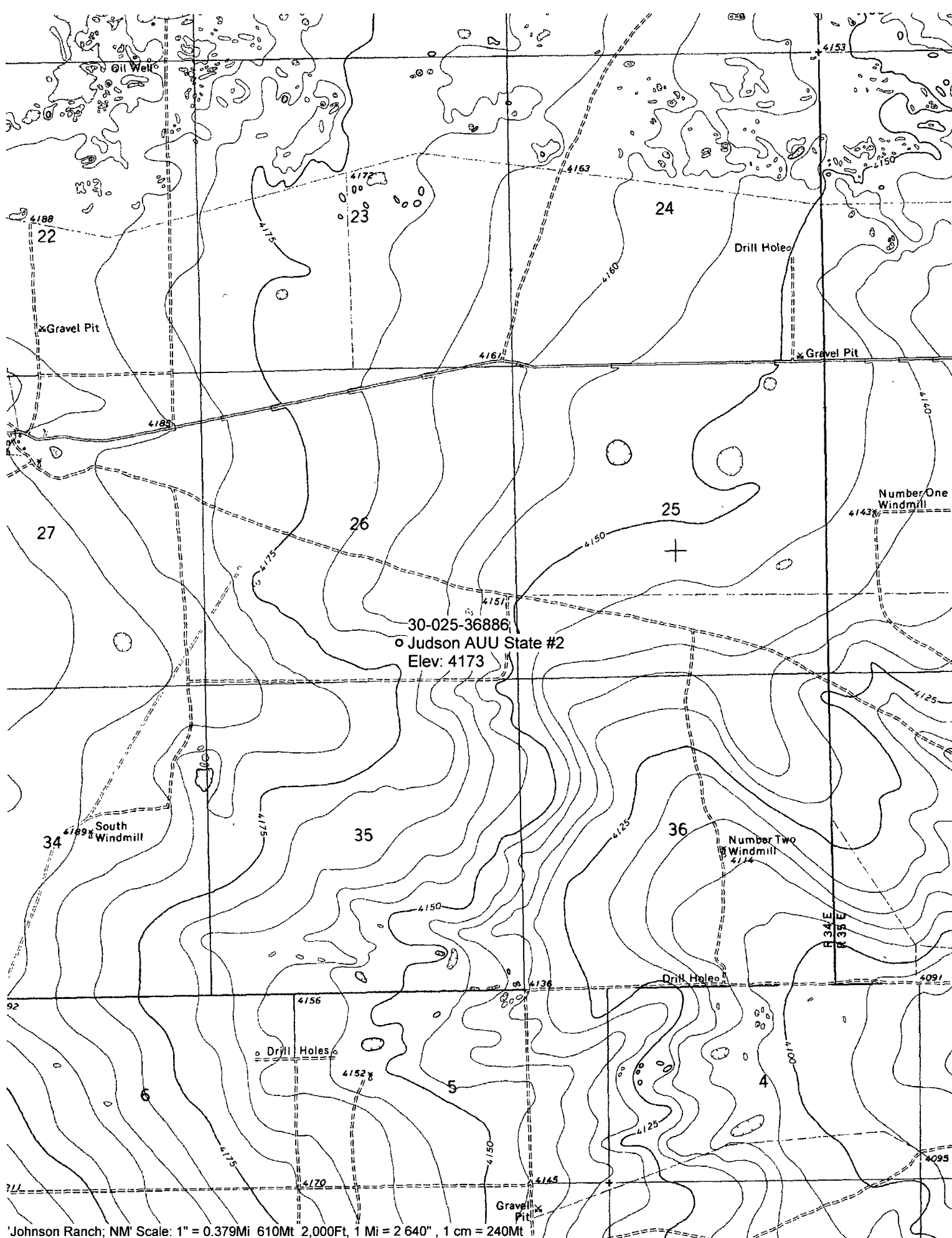
Operator <u>Yates Petroleum Corporation</u> Telephone <u>505-748-4500</u> e-mail address <u>mikes@ypenm.com</u>		
Address <u>105 South 4<sup>th</sup> Street, Artesia, NM 88210</u>		
Facility or well name <u>Judson AUU State #2</u> API # <u>30-025-36866</u> U/L or Qtr/Qtr <u>O</u> Sec <u>26</u> T <u>10S</u> R <u>34E</u>		
County <u>Lea</u> Latitude <u>33 41257</u> Longitude <u>103 432</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"/>		
<b>Pit</b> Type Drilling <input type="checkbox"/> Production <input type="checkbox"/> Disposal <input type="checkbox"/> Work over <input checked="" 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 _____ bbl	<b>Below-grade tank</b> Volume _____ bbl Type of fluid _____ Construction material _____ Double-walled, with leak detection? Yes <input type="checkbox"/> 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) XXXX 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) XXXX	
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) XXXX	
<b>Ranking Score (Total Points)</b>	<b>10 Points</b>	

**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 N/A (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

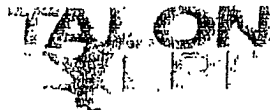
(5) Attach soil sample results and a diagram of sample locations and excavations

Additional Comments Closure work plan for workover pit The work over pit contents will be <u>excavated and hauled</u> to an OCD approved soil waste facility
The excavated area will be backfilled to grade using a minimum of 3' of clean soil and like material A one call and a 48 hour notice will be provided to the Oil Conservation Division
Pit Closure start date <u>N/A</u> Final closure date <u>N/A</u>

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 <input type="checkbox"/> , a general permit <input checked="" type="checkbox"/> , or an (attached) alternative OCD-approved plan <input type="checkbox"/> .	
Date <u>10/26/2007</u>	
Printed Name/Title <u>Mike Stubblefield / Environmental Regulatory Agent</u>	Signature <u>Mike Stubblefield</u>
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 _____	Signature <u>[Signature]</u> Date <u>11.8.07</u>
ENVIRONMENTAL ENGINEER	



'Johnson Ranch, NM' Scale: 1" = 0.379Mi 610Mt 2,000Ft, 1 Mi = 2 640" , 1 cm = 240Mt



## WELL REPORT

MERLE STATE #13

<b>1) Well Location</b>				
County	Physical Address	City	State	Zip
LEA	CROSS Roads N.M.	CROSS Roads	N.M.	
<b>2) GPS Coordinates</b>				
Latitude		Longitude		
33° 26' 56" N		103° 26' 16" W		
<b>3) Proposed Use of Well (Check One)</b>				
<input type="checkbox"/> Monitor Well		<input checked="" type="checkbox"/> Soil Boring		<input type="checkbox"/> Other
<b>4) Drilling Dates</b>				
Start Date		Completion Date		
<b>5) Diameter of Hole</b>				
Diameter (inches)	From (Feet)	To (Feet)		
7 7/8	0	20		
<b>6) Drilling Method (Check One)</b>				
<input type="checkbox"/> Air Rotary		<input type="checkbox"/> Mud Rotary		<input checked="" type="checkbox"/> H.S.A.
<input type="checkbox"/> Other				
<b>7) Monitor Well / Soil Boring Number</b>				
MW #		SB #		
		7		
<b>8) Well/Boring Soil Description</b>				
From (Feet)	To (Feet)	Description and color of formation material		
0	3'	Light Brown Top Soil		
3'	10'	Light tan silty calciche		
10'	18'	"		
18'	23'	hard calciche rock		
23'	35'	light tan calciche sand rock		
35'	48'	light tan calciche		
48'	70'	light greenish gray clay		
<b>9) Borehole Completion (Sanding information)</b>				
Gravel From	Gravel To (Feet)	Sand Size	Bags Used	
0	0	0	0	
<b>10) Borehole Completion (Sanding information)</b>				
Screen From	Screen To (Feet)	Material	Diameter	Screen Slot Size
0	0	0	0	0
Casing From	Casing To (Feet)	Material	Diameter	Casing Schedule
0	0	0	0	0
<b>11) Cementing Data</b>				
Cement From		Cement To	Number of Sacks Used	
Surface Seal	0 ft.	2'	ft.	1 Cement
Seal to Bent.	2'	70'	ft.	10 Cement
<b>12) Water Level</b>				
6 ft. ft below ground surface				
<b>13) Water Quality</b>				
Did the water contain fuel (PSH)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
<b>14) Drums</b>				
0				
<b>15) Job #</b>				
rates P027 SPL 2				
<b>16) Driller</b>				
TROY LUCAS				
<b>17) Owner Information</b>				