

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

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

Form C-144  
June 1, 2004

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>Paladin Energy Corp</u> Telephone: <u>214. 454. 0132</u> e-mail address: <u>samy 04 @ leaco . net</u>	
Address: <u>10290 Monroe Drive, Suite 301 Dallas, Texas 75229</u>	
Facility or well name: <u>South Vac. Unit #274</u> API #: <u>30: 025. 37122</u> U/L or Qtr/Qtr <u>P</u> Sec <u>27</u> T <u>18</u> R <u>35</u>	
County: <u>Lee</u> Latitude <u>32° 42' 49" N</u> Longitude <u>103° 26' 18" W</u> NAD: 1927 <input 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 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>14000</u> 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.) <u>68 ft</u>	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) <u>10</u>	

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: Plan to trench bury in place. Excavate trench adjacent to drilling pit, line trench with 12mil plastic, put contents of drilling pit in trench, cover with 20mil plastic and 3 ft of clean soil. Cover pit, level + contour.  
Notify the OCD before starting, and file survey notice on final closure. Will begin soon after approval.

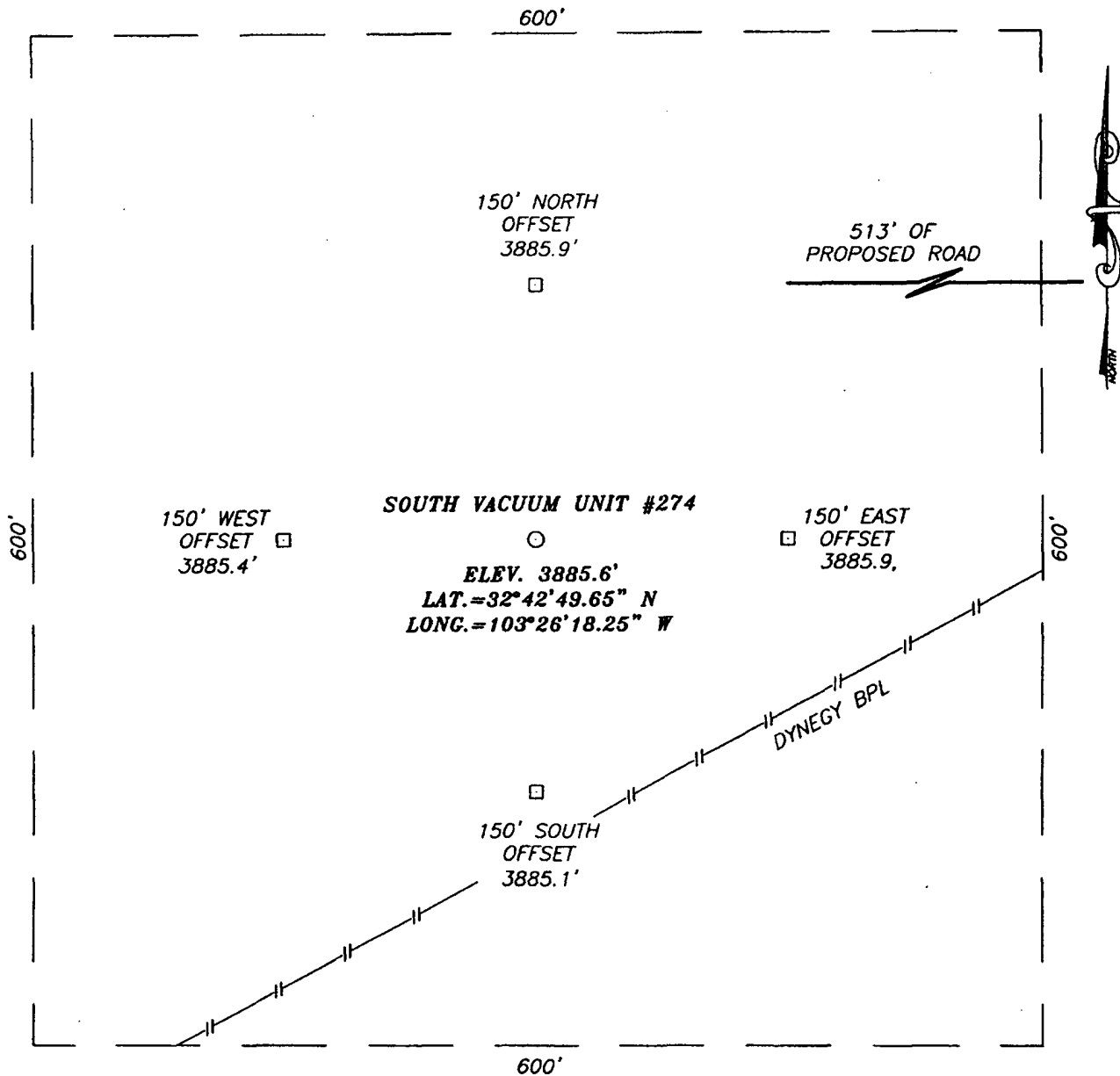
I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that the above-described pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☒, a general permit ☐, or an (attached) alternative OCD-approved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

Date: 11/14/05  
Printed Name/Title Eddie S. Samy Agent Signature Eddie S. Samy

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.

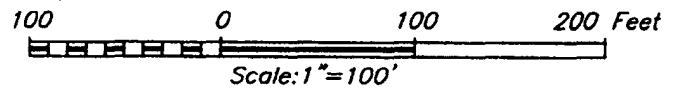
Approval:  
Printed Name/Title Chris Williams Signature Chris Williams Date: 11/16/05

SECTION 27, TOWNSHIP 18 SOUTH, RANGE 35 EAST, N.M.P.M.,  
LEA COUNTY, NEW MEXICO



**DIRECTIONS TO LOCATION**

FROM THE INTERSECTION OF ST. HWY. #529 AND ST. HWY. #238. GO APPROX. 1.1 MILES NW ON ST. HWY. #238 TO CALICHE ROAD. TURN RIGHT AND GO 0.5 MILES NORTH TO PROPOSED ROAD SURVEY ON LEFT. THIS LOCATION IS APPROX. 513' WEST.



**PALADIN ENERGY CORPORATION**

SOUTH VACUUM UNIT #274 WELL  
LOCATED 960 FEET FROM THE SOUTH LINE  
AND 693 FEET FROM THE EAST LINE OF SECTION 27,  
TOWNSHIP 18 SOUTH, RANGE 35 EAST, N.M.P.M.,  
LEA COUNTY, NEW MEXICO.

Survey Date: 02/19/05		Sheet 1 of 1 Sheets	
W.O. Number: 05.11.0292		Dr By: D. LOVE	Rev 1:N/A
Date: 02/21/05	Disk: CD#4	05110292	Scale: 1"=100'

PROVIDING SURVEYING SERVICES  
SINCE 1946  
**JOHN WEST SURVEYING COMPANY**  
412 N. DAL PASO  
HOBBS, N.M. 88240  
(505) 393-3117

New Mexico Office of the State Engineer  
Well Reports and DownloadsTownship: **18S** Range: **35E** Sections: NAD27 X:  Y:  Zone:  Search Radius: County:  Basin:  Number:  Suffix: Owner Name: (First)  (Last)  ☐ Non-Domestic ☐ Domestic ☒ All

Well / Surface Data Report

Avg Depth to Water Report

Water Column Report

Clear Form

WATERS Menu

Help

## AVERAGE DEPTH OF WATER REPORT 05/31/2005

Bsn	Tws	Rng	Sec	Zone	X	Y	Wells	(Depth Water in Feet)		
								Min	Max	Avg
L	18S	35E	02				3	51	52	51
L	18S	35E	03				1	62	62	62
L	18S	35E	04				4	50	70	58
L	18S	35E	05				7	60	75	69
L	18S	35E	06				5	60	110	89
L	18S	35E	07				8	75	95	85
L	18S	35E	09				1	72	72	72
L	18S	35E	10				1	49	49	49
L	18S	35E	11				1	48	48	48
L	18S	35E	13				1	135	135	135
L	18S	35E	14				2	90	90	90
L	18S	35E	16				2	65	84	75
L	18S	35E	17				4	90	150	124
L	18S	35E	18				2	90	90	90
L	18S	35E	19				2	70	70	70
L	18S	35E	20				1	50	50	50
L	18S	35E	21				2	60	60	60
L	18S	35E	22				5	65	95	75
L	18S	35E	23				2	78	78	78
L	18S	35E	26				2	60	60	60
L	18S	35E	27				4	65	70	68
L	18S	35E	29				2	95	95	95
L	18S	35E	32				1	58	58	58
L	18S	35E	33				1	80	80	80
L	18S	35E	35				3	55	60	58

Record Count: 67