1R - 312

APPROVALS

YEAR(S):

2001

Price, Wayne

From: Price, Wayne
Sent: Monday, April 30, 2001 11:59 AM
To: 'sagapetbjh@lx.net'
Cc: Williams, Chris; 'ballen@sesi-nm.com'
Subject: FW: Saga Petroleum CS Caylor Spill Case #1R0312

Dear Ms. Husband:

The NMOCD is in receipt of the revised attached work plan for the above referenced site. The OCD hereby approves of the work plan with the following conditions:

1. Chloride soil clean-up levels shall be 250 ppm unless Saga can demonstrate higher levels will not impact groundwater in the foreseeable future and is protective of public health and the environment.

2. Soil clean-up standards will be dependent upon the OCD guidelines; vertical distance from the lower most contaminants to the top of groundwater may change Saga's proposed 1000 TPH levels. This value may change depending upon the results of the investigation.

3. Saga will notify the OCD Santa Fe office and the OCD District office at least 72 hours in advance of all scheduled activities such that the OCD has the opportunity to witness the events and/or split samples during OCD's normal business hours.

4. Saga shall submit a final report for OCD approval to this office by June 29, 2001.

Please be advised that NMOCD approval of this plan does not relieve Saga of liability should their operations fail to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD approval does not relieve Saga of responsibility for compliance with any other federal, state, or local laws and/or regulations.

From: Kristi Hinojos[SMTP:khinojos@msn.com]
Sent: Monday, April 30, 2001 11:40 AM
To: wprice@state.nm.us
Subject: Saga Petroleum CS Caylor Spill

Caylor Battery Work Plan.doc

Saga Petroleum LLC
Caylor Battery

Remediation/Cleanup Work Plan
Lea County, New Mexico

Prepared for:

Saga Petroleum LLC
2121 French Drive
Hobbs, New Mexico 88240

By:

Safety & Environmental Solutions, Inc.
703 E. Clinton Suite 103
Hobbs, New Mexico 88240
(505) 397-0510

TABLE OF CONTENTS

I. Purpose

The purpose of this work plan is to propose a plan for the cleanup of the stock tank spill that occurred at the Caylor Battery in Unit C of Section 6, T17S, R371E in Lea County, New Mexico. This plan will allow closure in a manner that will protect the population, environment and groundwater of the area surrounding the subject location. The spill site is situated on a relatively level site. (Vicinity Map)

II. Background

A stock tank overflowed on November 22, 2000 resulting in the spillage of approximately 120 barrels of crude oil and water. Approximately 80 barrels of fluid was recovered from the spill site.

III. Contaminant and Size of Leak

The crude oil and water spilled into the bermed area around the battery and a small area outside the berm. (Site Plan) The crude oil and produced water is considered to be exempt oilfield waste. No evidence of other contaminants was observed.

IV. Vertical and Horizontal Extent of Contamination

The vertical and horizontal extent of the contamination will be determined by excavation or boring at the time of cleanup. All samples will be collected with strict adherence to the SOPs found in **Environmental Protection Agency, 1984, Characterization of Hazardous Waste Site - A Methods Manual: Vol II.** These samples will be representative of the contamination levels and will be analyzed for Total Petroleum Hydrocarbons (TPH), Benzene, Toluelene, Ethyl Benzene, Xylene (BTEX), and Chloride content. The results will be compared to the contaminate levels specified in **"Guidelines for Remediation of Leaks, Spills and Releases"** *New Mexico Oil Conservation Division* - August 13, 1993.

V. Groundwater

According to the New Mexico State Engineer's office, the nearest water well is within the same section and the depth to water in that well is recorded as being 61.64'.

VI. Action Plan

Site Characterization

Distance to Surface Water/Waterways	0 points
Distance to Well Head or Water Source	0 points
Depth to Ground Water	10 points

Applying the ranking criteria specified in **"Guidelines for Remediation of Leaks, Spills and Releases"** *New Mexico Oil Conservation Division* - August 13, 1993 to this site results in a cleanup level of 1000 ppm Total Petroleum Hydrocarbons (TPH).

Closure

The leak site will be excavated both horizontally and vertically for the removal of contaminated soils. Field-testing will be conducted to ensure the removal of said soils to below the stated NMOCD requirements for Total Petroleum Hydrocarbons (TPH), Benzene, Toluelene, Ethyl Benzene, Xylene (BTEX), and Chloride levels. The contaminated material will be stockpiled in spoils piles. The bottom and side of the holes will be sampled at the final excavation depths. These samples will be tested for Total Petroleum Hydrocarbons (TPH), Benzene, Toluelene, Ethyl Benzene, Xylene (BTEX), and Chlorides with a third party laboratory for confirmation of the contamination levels present.

Once the results of the test samples for the final excavation are received and confirmation of the excavated area soils' results is obtained, the spoils piles will be blended with clean soils. These blended soils will be field tested to ascertain that the appropriate Total Petroleum Hydrocarbons (TPH), Benzene, Toluelene, Ethyl Benzene, Xylene (BTEX) and Chloride levels are attained. The final field sample will also be sent to a third party laboratory for confirmation of the field test results. The blended soils will then be backfilled into the excavation and the surface returned to its natural contour and seeded. The appropriate reports will be filed with the NMOCD in the closure report.

VII. Maps and Figures

Vicinity Map
Site Plan

Figure 1
Vicinity Map

Figure 2
Site Plan

Price, Wayne

From: Price, Wayne
Sent: Monday, April 30, 2001 9:30 AM
To: 'SAGAPETBJH@LX.NET'
Cc: Williams, Chris; 'ballen@sesi-nm.com'
Subject: CAYLOR BATTERY C-6-17S-37E

CASE # 1R0312

Dear Bonnie:

This case has been assigned Case #1R0312. Please reference this number on all future documents. Please note the OCD cannot approve of the submitted plan as presented. Saga failed to include BTEX and Chlorides as required by the District office. Please modify plan and re-submit!

312
IR0311

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON
Governor
Jennifer A. Salisbury
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

SAJA PET BJH @ LX.NET

FAX

TO: ROGER ANDERSON

FROM: GARY W. WINK
Energy, Minerals and Natural Resources Department,
Oil Conservation Division

RE: WORK PLAN

DATE: 4/18/01

ROGER - THIS WAS SUBMITTED FOR SAGA BY SAFETY & ENVIROMENTAL SOLUTIONS JAN 24, 01. THEY CALLED THIS MORNING WANTING TO KNOW WHAT THE STATUS WAS. I TOLD HER I WOULD HAVE TO SEND IT TO YOU FOR REVIEW. THE CONTACT FOR SAGA IS BONNIE HUSBAND. HER #915-684-4293.

9 Pages (Including Transmittal)

8 pages
GARY WINK
505/393-0720

4/16-3462
ROGER

Saga Petroleum LLC
Caylor Battery

Remediation/Cleanup Work Plan
Lea County, New Mexico

Prepared for:

Saga Petroleum LLC
2121 French Drive
Hobbs, New Mexico 88240

By:

Safety & Environmental Solutions, Inc.
703 E. Clinton Suite 103
Hobbs, New Mexico 88240
(505) 397-0510

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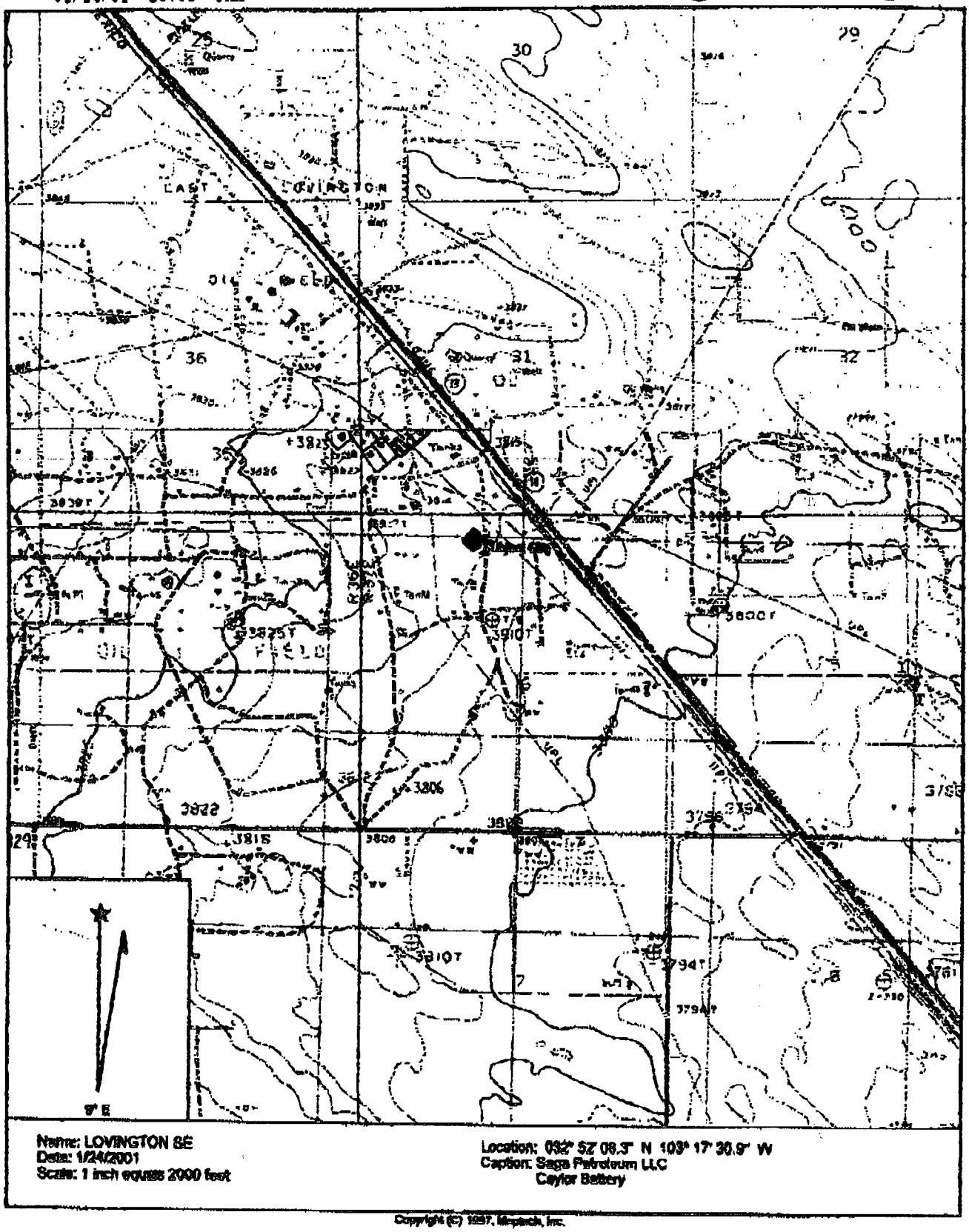
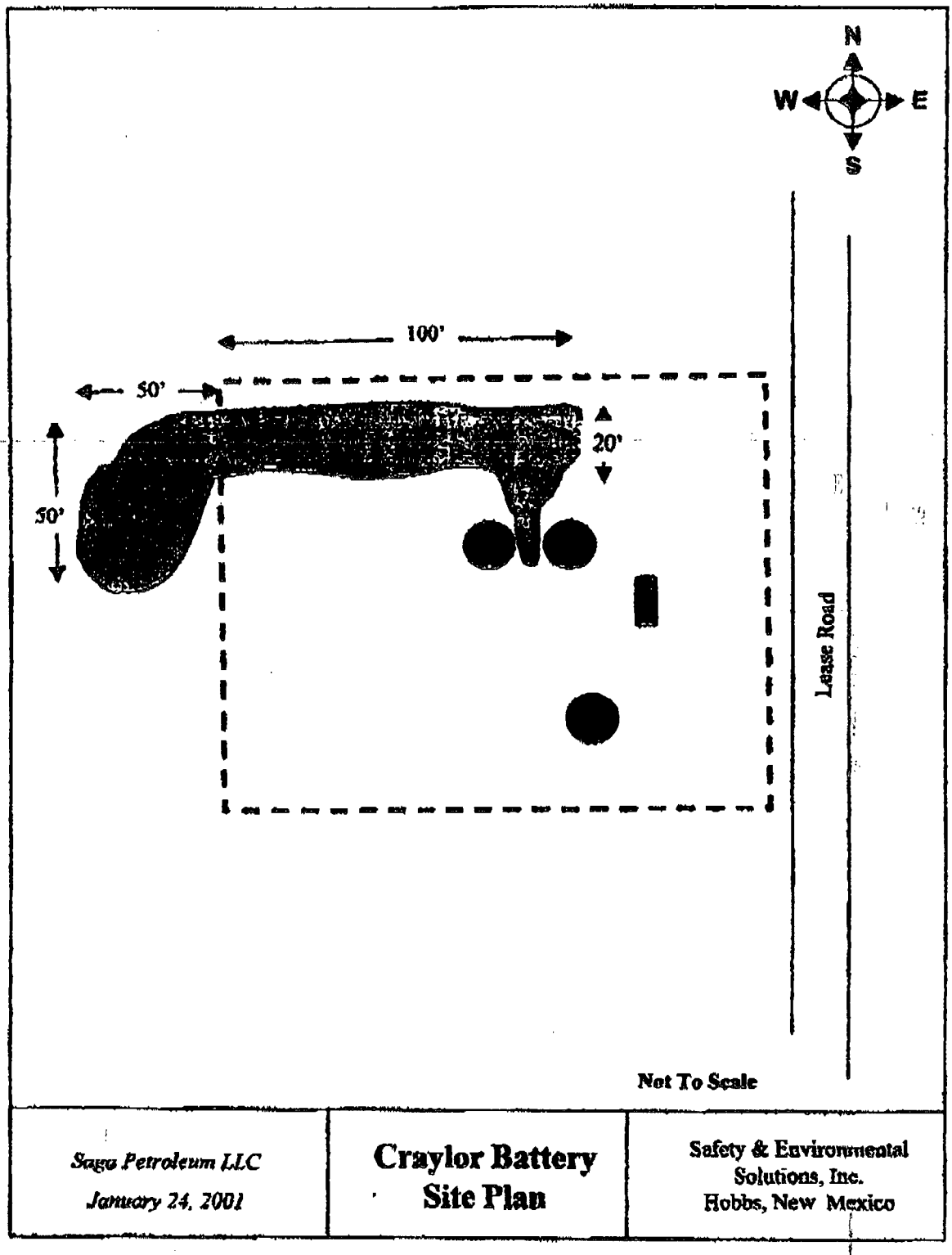
Vicinity Map
Site Plan





Saga Petroleum LLC *January 24, 2001*	**Craylor Battery Site Plan**	Safety & Environmental Solutions, Inc. Hobbs, New Mexico

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON
Governor
Jennifer A. Salisbury
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

December 27, 2000

RECEIVED
JAN 04 2001

Saga Petroleum
Attn: Roland Beal
2121 French Dr.
Hobbs, New Mexico 88240

Re: C-141: Submitted on November 28, 2000
UL C-Sec 6-T17S-R37E
C.S. Caylor Battery

Dear Mr. Beal:

The New Mexico Oil Conservation Division (NMOCD) is in receipt of the C-141 referenced above that was submitted by Saga Petroleum (Saga). The C-141 indicated that on November 22, 2000, Saga had a release of 70 bbls. of oil and 50 bbls. of produced water, recovering 60 bbls of oil and 20 bbls. of produced water. The C-141 submitted stated that Saga mixed in and blended clean soil and fertilizer and left in place to remediate. **The NMOCD hereby requires that Saga demonstrate that contaminants have not and will not migrate vertically so as to cause groundwater to exceed standards and submit to the NMOCD District I Hobbs Office by January 26, 2001, a remediation plan pursuant to Rule 116.D concerning the above referenced release. Saga shall include in the sampling event(s) the following: TPH, BTEX and Chlorides.**

If you have any further questions, or need any assistance please do not hesitate to write or call me at (505) 393-6161 ext...113.

Sincerely,

Donna Williams

Donna Williams
Environmental Engineer Specialist

cc: Roger Anderson – Environmental Bureau Chief
Chris Williams – District I Supervisor

1-4-01
JRS
JCF
JC
TP

District I - (505) 393-6161
P. O. Box 1980
Hobbs, NM 88241-1980
District II - (505) 748-1283
811 South First
Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Road
Aztec, NM 87410
District IV - (505) 827-7131

State of New Mexico
Energy Minerals and Natural Resources Department
Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

Form C-141
Originated 3/15/97

Submit 2 copies to Appropriate District Office in accordance with Rule 116 on back side of form

Release Notification and Corrective Action
OPERATOR ☑ Initial Report ☐ Final Report

Name: Saga Petroleum	Contact: Roland Beal
Address: 2121 French Dr. Hobbs, NM 88240	Telephone No.: Office-391-9291 M-369-5020
Facility Name: C.S. Caylor Battery	Facility Type: Production Battery
Surface Owner: Rice - ?	Mineral Owner: ?	Lease No.:

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
C	6	17S	37E					Lea

NATURE OF RELEASE

Type of Release: D:1 + Water	Volume of Release: 70 Bbl. oil, 50 Bbl. water	Volume Recovered: 60-oil, 20-wtr.
Source of Release: Stock tank ran over	Date and Hour of Occurrence: 11-22-00 AM	Date and Hour of Discovery: 11-22-00 10 AM
Was Immediate Notice Given? ☐ Yes ☑ No ☐ Not Required	If YES, To Whom? Cleaned up - Forgot to call + fill out this report.	
By Whom?	Date and Hour	
Was a Watercourse Reached? ☐ Yes ☑ No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully (Attach Additional Sheets If Necessary)

Describe Cause of Problem and Remedial Action Taken. (Attach Additional Sheets If Necessary)
Water meter on FWKO became partially restricted - water line did not keep up completely - sent some wtr. to oil tank + ran over. Removed meter + changed out wtr. line with new poly line.

Describe Area Affected and Cleanup Action Taken. (Attach Additional Sheets If Necessary)
Picked up all wtr. + oil. Brought in clean dirt + mixed in. Will disk, add more clean dirt w/fertilizer + remediate.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature: Roland Beal	OIL CONSERVATION DIVISION
Printed Name: Roland Beal	Approved by District Supervisor:
Title: Production Foreman	Approval Date:	Expiration Date:
Date: 11-28-00 Phone: 391-9291	Conditions of Approval:	Attached ☐

Faxed + mailed to OCD - Hobbs

O.U.

405-325-2621

dean (L Paton)

DR.

- Group - ~~president~~

DR. Percy John

Tulsa OK

DR. Thomas Harris