

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

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

RECEIVED

Submit to appropriate District Office

JAN 19 2006

OD-ARTESIA  AMENDED REPORT

**APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE**

<sup>1</sup> Operator Name and Address OXY USA WTP Limited Partnership P.O. Box 50250 Midland, TX 79710-0250		<sup>2</sup> OGRID Number 192463	
<sup>4</sup> Property Code 35389		<sup>3</sup> API Number 30-015-39549	
<sup>5</sup> Property Name OXY Pogo State		<sup>6</sup> Well No. 1	
<sup>9</sup> Proposed Pool 1 Undesignated Otis Morrow		<sup>10</sup> Proposed Pool 2 82360	

<sup>7</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
I	36	22S	27E		1980	south	990	east	Eddy

<sup>8</sup> Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County

Additional Well Location

<sup>11</sup> Work Type Code N	<sup>12</sup> Well Type Code G	<sup>13</sup> Cable/Rotary R	<sup>14</sup> Lease Type Code V0-6154-1	<sup>15</sup> Ground Level Elevation 3070'
<sup>16</sup> Multiple No	<sup>17</sup> Proposed Depth 12400'	<sup>18</sup> Formation Morrow	<sup>19</sup> Contractor N/A	<sup>20</sup> Spud Date 1/23/06
Depth to ground water * -		Distance from nearest fresh water well		Distance from nearest surface water
Pit: Liner: Synthetic <input type="checkbox"/> _____ mils thick Clay <input type="checkbox"/> Pit Volume _____ bbls Drilling Method:				
Closed-Loop System <input type="checkbox"/> Fresh Water <input type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

<sup>21</sup> Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17-1/2"	13-3/8"	48#	400'	460sx	surface-circulate
12-1/4"	9-5/8"	36#	2500'	650sx	surface-circulate
8-3/4"	7"	26#	9500'	1140sx	Est TOC-2000'
6-1/4"	4-1/2"	12.75#	9100-12400'	300sx	Est TOC-9100'

<sup>22</sup> Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

See Attachment

CEMENT TO COVER ALL OIL,  
GAS AND WATER BEARING  
ZONES

<sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines  a general permit , or an (attached) alternative OCD approved plan .

Signature: *David Stewart*  
Printed name: David Stewart  
Title: Sr. Regulatory Analyst  
E-mail Address: david.stewart@oxy.com

Date: 1/17/06  
Phone: 432-685-5717

*Bel*  
OIL CONSERVATION DIVISION  
Approved by: *Jim W. Green*  
Title: *District II Supervisor*  
Approval Date: JAN 20 2006  
Expiration Date: JAN 20 2007

Conditions of Approval:  
Attached

Seal 29.5

Attachment C-101  
 OXY USA WTP LP  
 OXY Pogo State #1  
 1980 FSL 990 FEL I SEC 36 T22S R27E Eddy County, NM  
 State Lease No. VO-6154-1

**PROPOSED TD:** 12400' TVD

**BOP PROGRAM:** 0-400' None

400-2500' 13-3/8" 3M annular preventer, to be used as divertor only.

2000-12400' 11" 5M blind pipe rams with 5M annular preventer and rotating head below 8500'.

**CASING:** Surface: 13-3/8" OD 48# H40 ST&C new casing set at 400' 17-1/2" hole

Intermediate: 9-5/8" OD 36-40# K55 ST&C new casing from 0-2500' 12-1/4" hole

Production: 7" OD 26# N80 LT&C new casing from 0-9500' 8-3/4" hole

Liner: 4-1/2" OD 12.75# P-110 LT&C casing @ 9100-12400' 6-1/4" hole

**CEMENT:** Surface - Circulate cement with 210sx HES Light PP cement with 2% CaCl<sub>2</sub> + .25#/sx Flocele followed by 250sx PP cement with 2% CaCl<sub>2</sub> + .25#/sx Flocele.

Intermediate - Circulate cement with 450sx IFC with .25#/sx Flocele followed by 200sx PP cement with 2% CaCl<sub>2</sub>.

Production - DV Tool @ +/- 7500', cement 1<sup>st</sup> stage with 245sx IFH cement with .1% HR-7 followed by 200sx PP cement. Cement 2<sup>nd</sup> stage with 495sx IFH cement with .25#/sx Flocele followed by 200sx PP cement. Estimated TOC @ 2000'.

Liner - Cement with 300sx Super H cement with .5% LFLC + .4% CFR-3 + 5#/sx Gilsonite + 1#/sx salt + .2% HR-7

Note: Cement volumes may need to be adjusted to hole caliper.

**MUD:** 0-400' Fresh water/native mud. Lime for pH control (9-10). Paper for seepage. Wt 8.7-9.2 ppg, Vis 32-34 sec

400-2500' Fresh/\*Brine water. Lime for pH control (10.0-10.5). Paper for seepage. Wt 8.3-9.0/10.0-10.1ppg, Vis 28-29 sec  
 \*Fresh water will be used unless chlorides in the mud system increases to 20000PPM.

2500-8700' Fresh water. Lime for pH control(9-9.5). Paper for seepage. Wt 8.3-8.5 ppg, Vis 28-29 sec

8700-10800' Cut brine. Lime for pH control (10-10.5). Wt 9.6-10.0 ppg, Vis 28-29sec

10800-12600' Mud up with an Duo Vis/Flo Trol mud system. Wt 9.6-10.0ppg, Vis 32-36sec, WL<10cc

**SPACING UNIT:** S/2

**POOL NAME:** Undesignated Otis Morrow

**ESTIMATED FORMATION TOPS:** (Walterschied-1 - 3001521102 - 35-22-27)  
Morrow-11584' Atoka-11258' Strawn-10570' Wolfcamp-9230'  
Bone Springs-5680' Delaware-2287'

**SPUD DATE:** 1/23/06

**ARCH SURVEY:** N/A

**DIRECTIONS TO LOCATION:** From the intersection of USH 285 and CR 707, go east on CR 707 for approximately 1.3 miles to CR 710. Turn left on CR 710 and go approx. 0.3 miles to a proposed road survey on the left. Follow proposed road survey approx. 1000' west/sw to this location.

**WELLSITE LAYOUT:** V-Door-East Pits-North

**SURFACE OWNER:** Fee

**SURFACE LESSEE:** N/A

**LEASE RESPONSIBILTY STATEMENT:** N/A

**NEAREST RESIDENCE OR OTHER STRUCTURE:** Approximately 2000' to the South

**SOURCE OF CONSTRUCTION MATERIALS** - Caliche for surfacing the well pad will be obtained from onsite materials.

**H<sub>2</sub>S CONTINGENCY PLAN:** 1/17/06

**PIT PERMIT:** 1/17/06

**DIRECTIONAL SURVEY PLAN:** N/A

State of New Mexico

Energy, Minerals and Natural Resources Department

DISTRICT I  
1626 N. FRENCH DR., HOBBS, NM 88240

DISTRICT II  
1301 W. GRAND AVENUE, ARTESIA, NM 88210

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV  
1220 S. ST. FRANCIS DR., SANTA FE, NM 87505

OIL CONSERVATION DIVISION  
1220 SOUTH ST. FRANCIS DR.  
Santa Fe, New Mexico 87505

Form C-102  
Revised JUNE 10, 2003  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

AMENDED REPORT

API Number 30-015-	Pool Code 82360	Pool Name Undesignated Otis Morrow
Property Code	Property Name OXY POGO STATE	Well Number 1
OGRID No. 192463	Operator Name OXY U.S.A. W.T.P., LP	Elevation 3070'

Surface Location

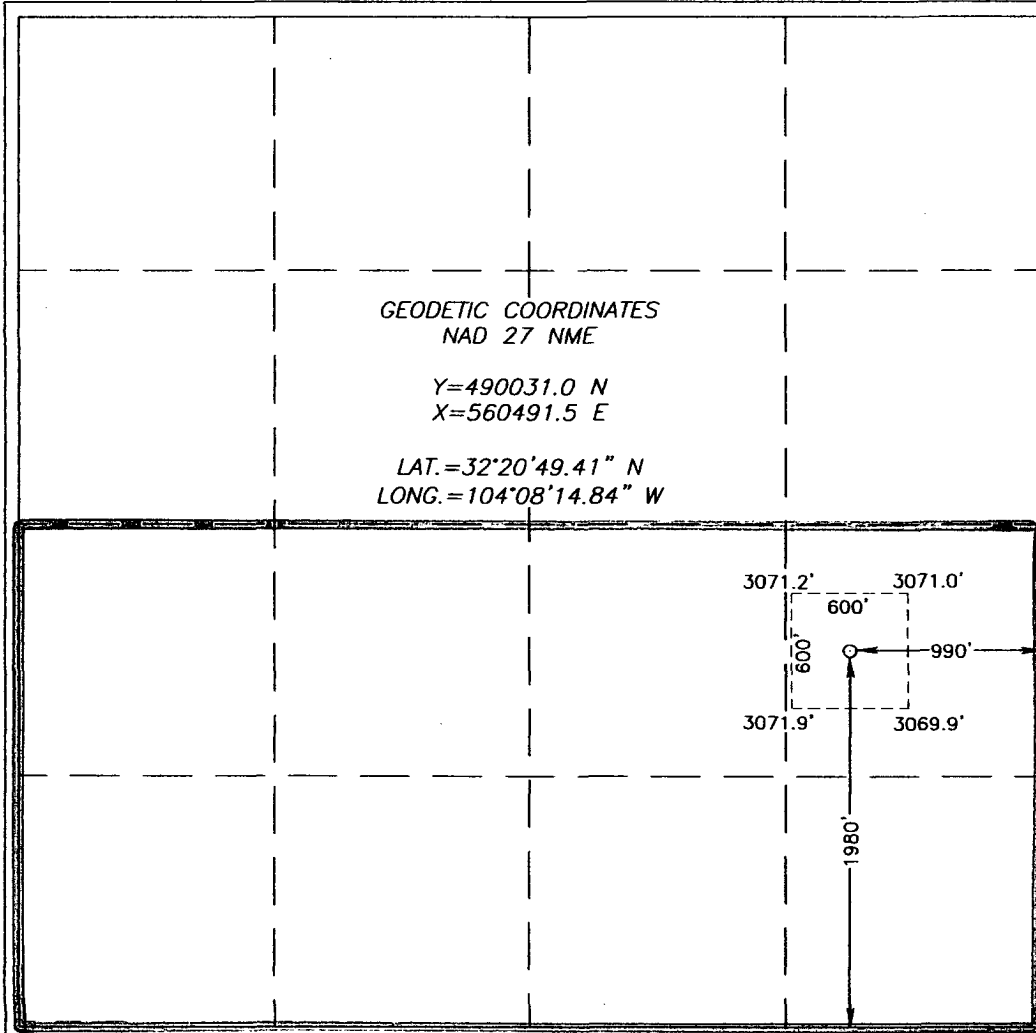
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	36	22-S	27-E		1980	SOUTH	990	EAST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres 320	Joint or Infill N	Consolidation Code	Order No.
------------------------	----------------------	--------------------	-----------

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



**OPERATOR CERTIFICATION**

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

*David Stewart*  
Signature

David Stewart  
Printed Name

Sr. Regulatory Analyst  
Title

11/2/06  
Date

---

**SURVEYOR CERTIFICATION**

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

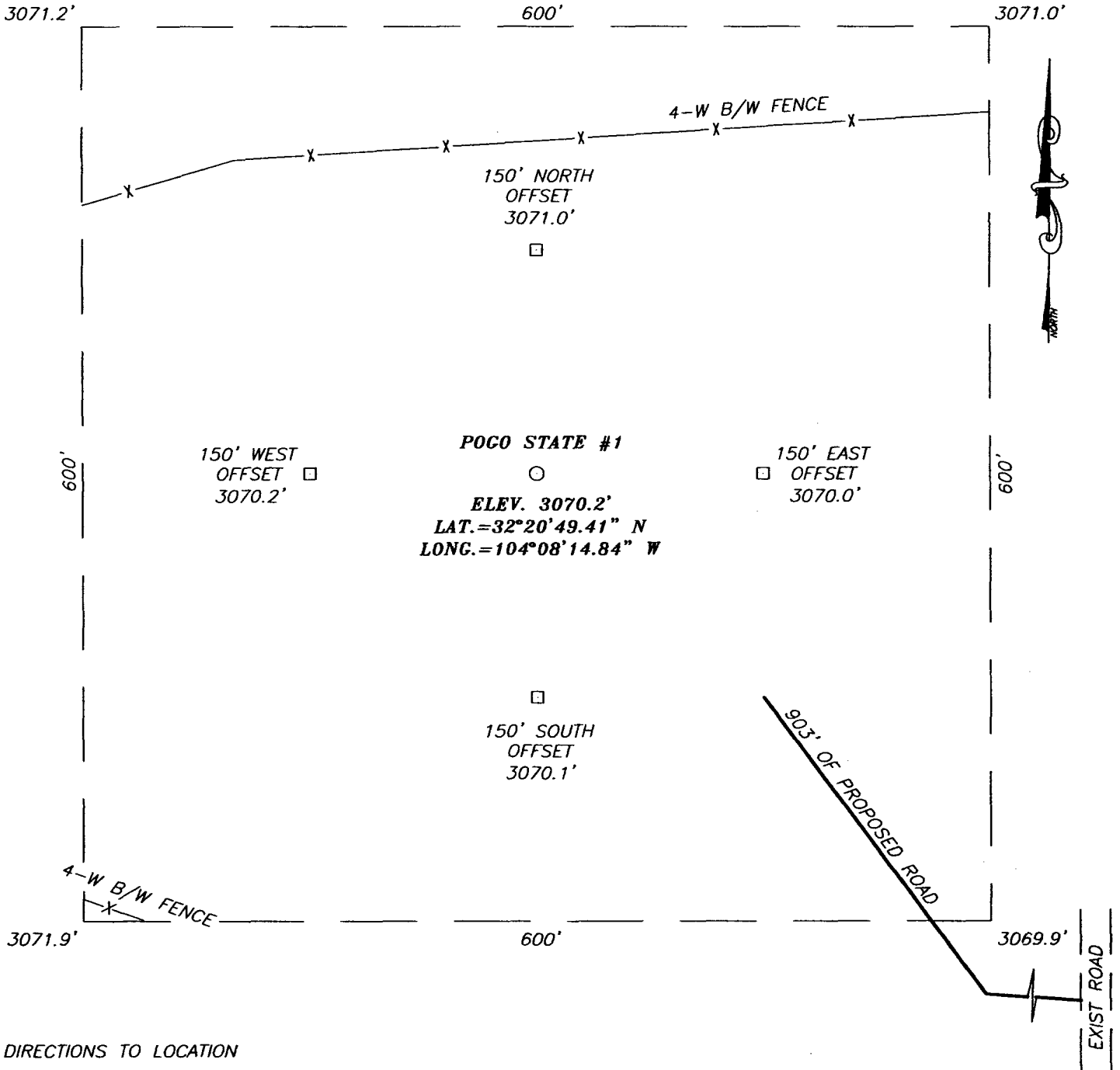
JANUARY 14, 2006  
Date Surveyed

JR  
Signature & Seal of Professional Surveyor

*Gary Edson* 1/16/06  
06.11.0113

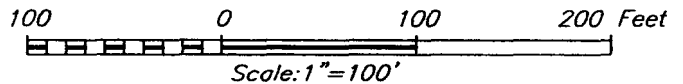
Certificate No. GARY EDSON 12641

**SECTION 36, TOWNSHIP 22 SOUTH, RANGE 27 EAST, N.M.P.M.,**  
 EDDY COUNTY, NEW MEXICO



**DIRECTIONS TO LOCATION**

FROM THE INTERSECTION OF U.S. HWY. #285 AND CO. RD. #707 (DERRICK RD.) GO EAST ON CO. RD. #707 APPROX. 1.3 MILES TO CO. RD. #710. TURN LEFT (NORTH) ON CO. RD. #710 (ROBERSON RD.) AND GO APPROX. 0.3 MILES TO A PROPOSED ROAD SURVEY ON THE LEFT. FOLLOW PROPOSED ROAD SURVEY APPROX. 1000' WEST/SW TO THIS LOCATION.



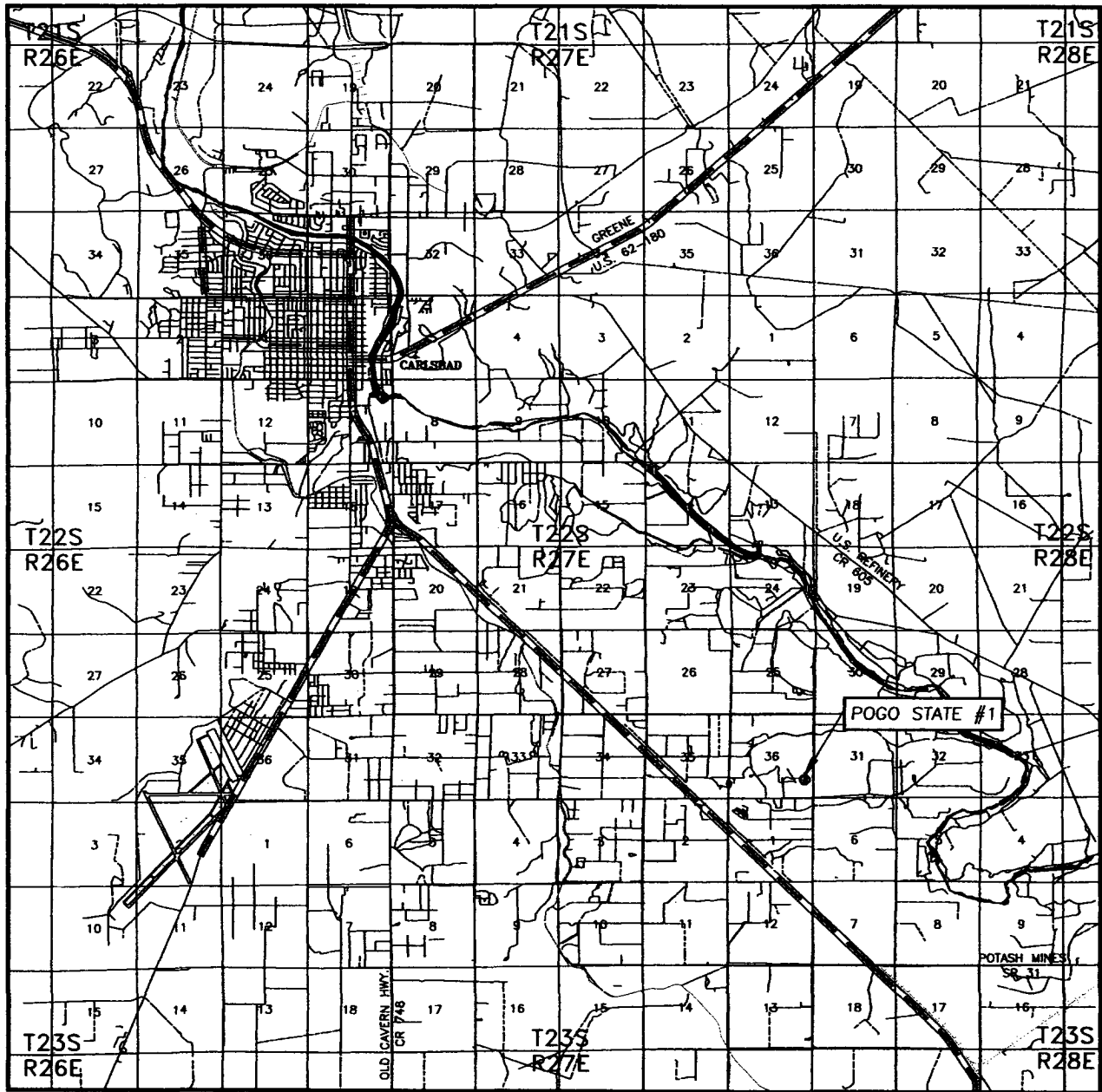
**OXY U.S.A. W.T.P., LP**

POGO STATE #1 WELL  
 LOCATED 1980 FEET FROM THE SOUTH LINE  
 AND 990 FEET FROM THE EAST LINE OF SECTION 36,  
 TOWNSHIP 22 SOUTH, RANGE 27 EAST, N.M.P.M.,  
 EDDY COUNTY, NEW MEXICO.

PROVIDING SURVEYING SERVICES  
 SINCE 1948  
**JOHN WEST SURVEYING COMPANY**  
 412 N. DAL PASO  
 HOBBS, N.M. 88240  
 (505) 393-3117


Survey Date: 1/14/06	Sheet 1 of 1 Sheets	
W.O. Number: 06.11.0113	Dr By: J.R.	Rev 1:N/A
Date: 1/16/06	Disk: CD#6	06110113 Scale: 1"=100'

# VICINITY MAP



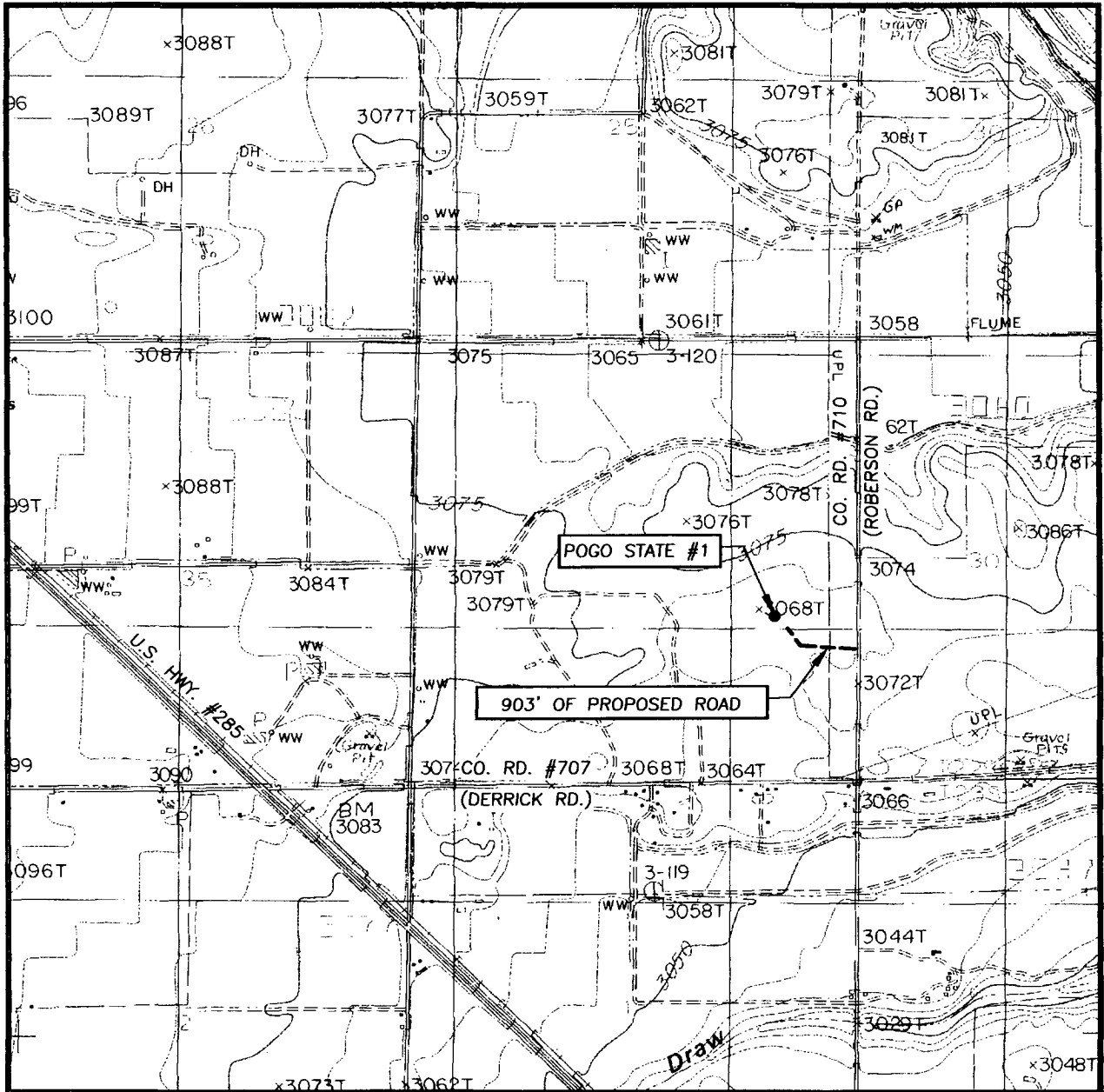
SCALE: 1" = 2 MILES

SEC. 36 TWP. 22-S RGE. 27-E  
 SURVEY N.M.P.M.  
 COUNTY EDDY  
 DESCRIPTION 1980' FSL & 990' FEL  
 ELEVATION 3070'  
 OPERATOR OXY U.S.A. W.T.P., PL  
 LEASE POGO STATE



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

# LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL:  
OTIS, N.M. - 5'

SEC. 36 TWP. 22-S RGE. 27-E

SURVEY \_\_\_\_\_ N.M.P.M.

COUNTY \_\_\_\_\_ EDDY


DESCRIPTION 1980' FSL & 990' FEL

ELEVATION \_\_\_\_\_ 3070'

OPERATOR OXY U.S.A. W.T.P., LP

LEASE \_\_\_\_\_ POGO STATE

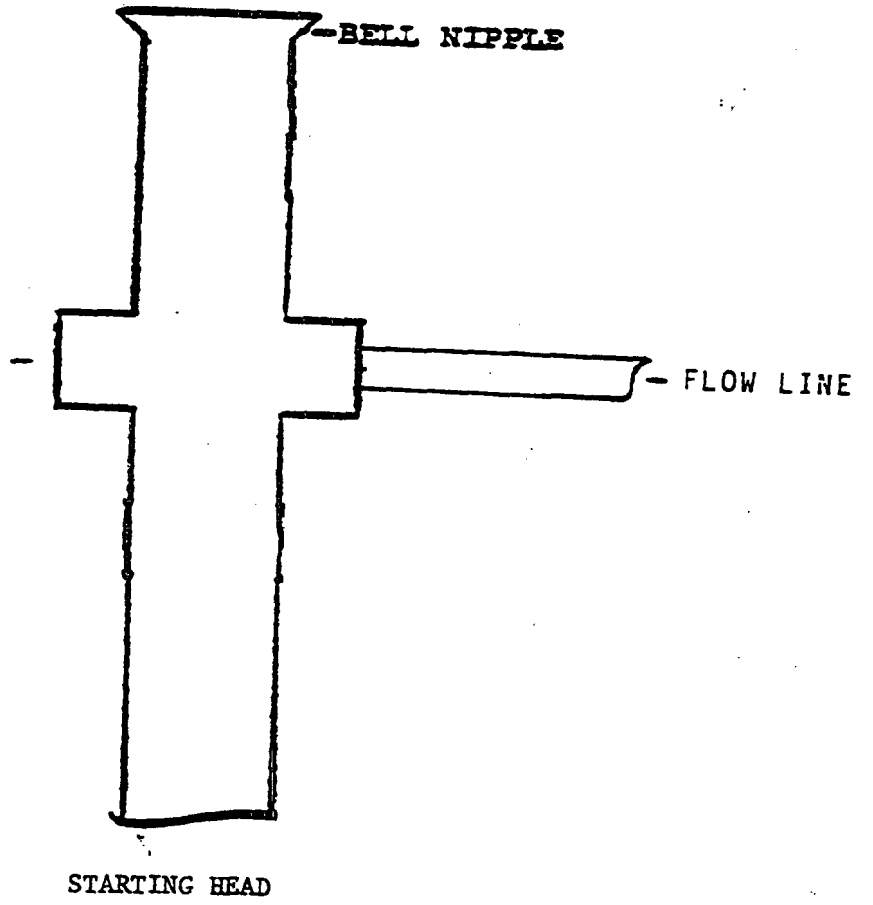
U.S.G.S. TOPOGRAPHIC MAP  
OTIS, N.M.



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

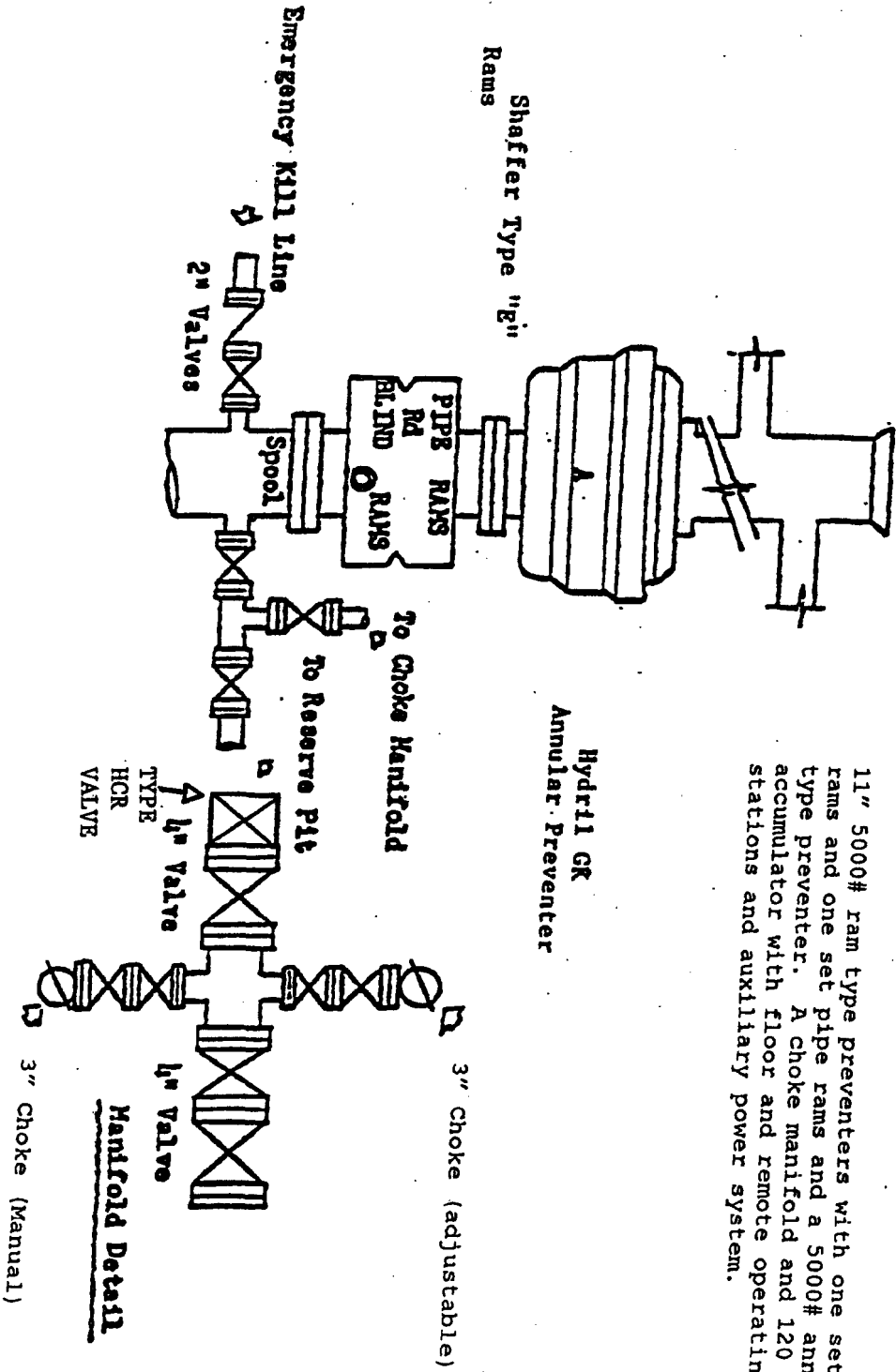
EXHIBIT A

ANNULAR PREVENTOR  
TO BE USED AS DIVERTOR ONLY

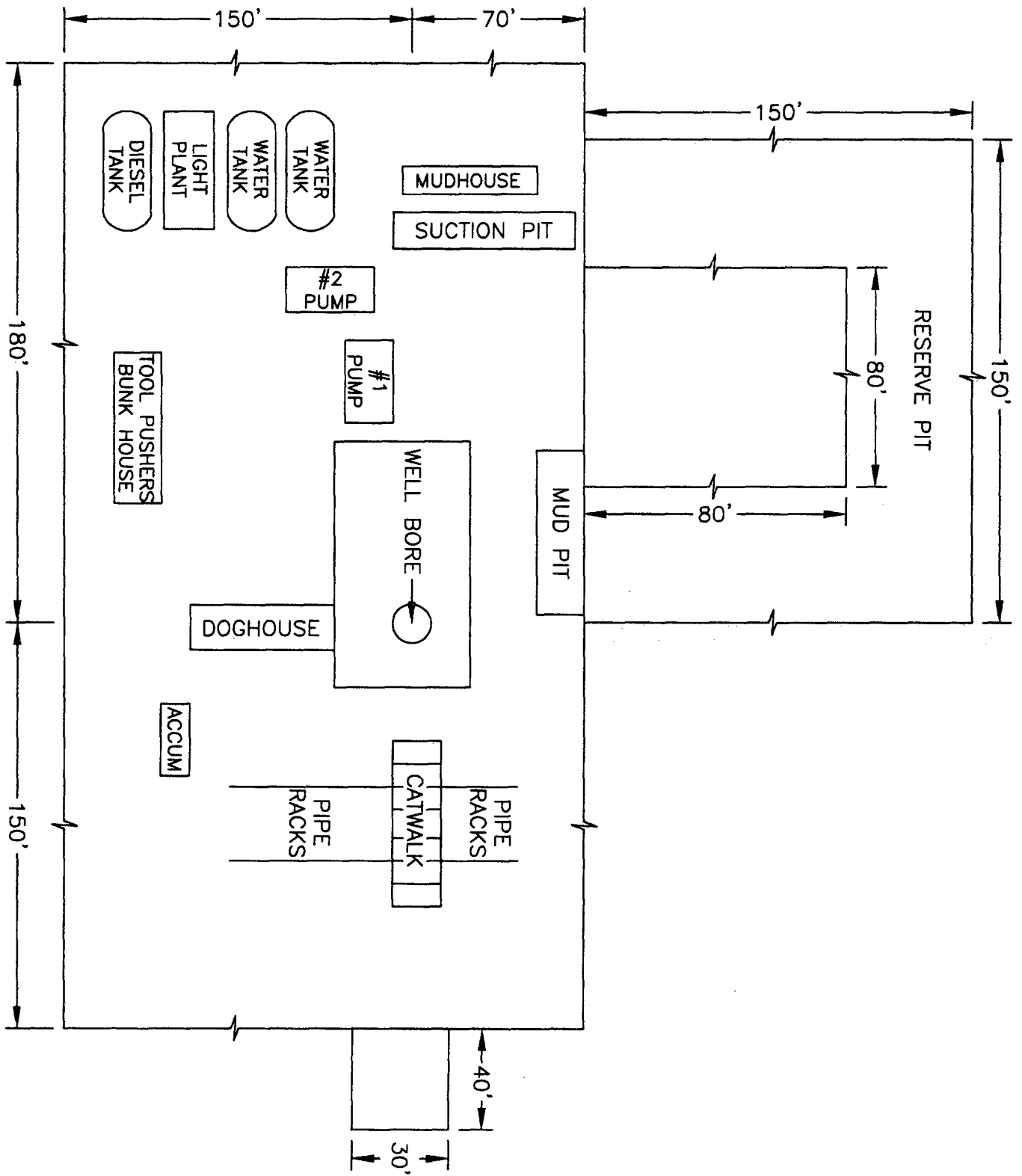




BLOWOUT PREVENTOR SCHEME



11" 5000# ram type preventers with one set blind rams and one set pipe rams and a 5000# annular type preventer. A choke manifold and 120 gallon accumulator with floor and remote operating stations and auxiliary power system.



**OXY USA WTP  
Limited Partnership  
PO Box 50250  
Midland, TX 79710**

**Hydrogen Sulfide (H<sub>2</sub>S)  
Contingency Plan**

**For**

**Oxy Pogo State No. 1  
1980 ft FSL, 990 ft FEL  
Sec 36, T22S, R27E  
Eddy County, NM**

**And**

**Patterson/UTI Rig 508**

## TABLE OF CONTENTS

<u>ITEM</u>	<u>PAGE</u>
PREFACE .....	3
LOCATION MAP.....	4
RIG SKETCH.....	5
EMERGENCY RESPONSE ACTIVATION AND GENERAL RESPONSIBILITIES	6
SPECIFIC EMERGENCY GUIDANCE	
- H2S Release .....	8
- Well Control.....	10
PUBLIC RELATIONS .....	13
PHONE CONTACTS – OP DOWNHOLE SERVICES GROUP .....	14
EMERGENCY PERSONELL NOTIFICATION NUMBERS.....	15
PHONE CONTACTS – OP PRODUCTION AND PLANT PERSONNEL .....	16
PHONE CONTACTS – OP HES PERSONNEL .....	16

## **PREFACE**

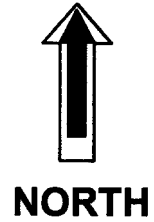
An effective and viable Contingency Plan is intended to provide prior planning and guidance in responding to emergency incidents. The primary considerations in its development are protection of personnel, the public, company and public property, and the environment.

Although the plan addresses varied emergency situations which may occur, it recognizes that flexibility and the use of the organization's knowledge and experience is critical to safe resolution of emergency incidents. Response actions outlined in the plan provide a framework, which may be placed into operation without confusion. These actions should promote quick and decisive actions during the critical initial period and immediately following an emergency. As the response progresses, additional guidelines and procedures may need to be implemented as the situation dictates. In addition, all emergency incidents must be properly reported per the Oxy Incident Reporting and Notification Policy, state and federal requirements, etc.

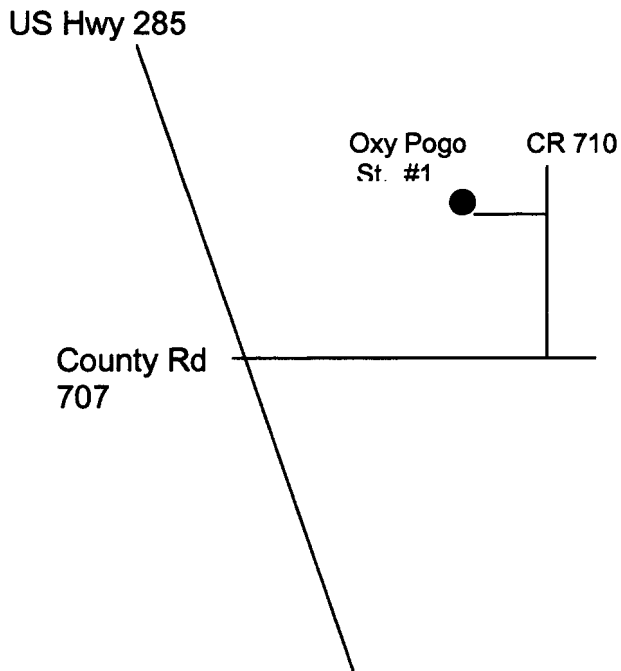
This Contingency Plan is intended for use on Oxy Downhole Services Group projects and the operations within their area of responsibility, such as drilling, critical well work, etc.

A copy of the Plan shall be maintained in the Top Dog House, Rig Managers trailer, and Company Representative's trailer if applicable.

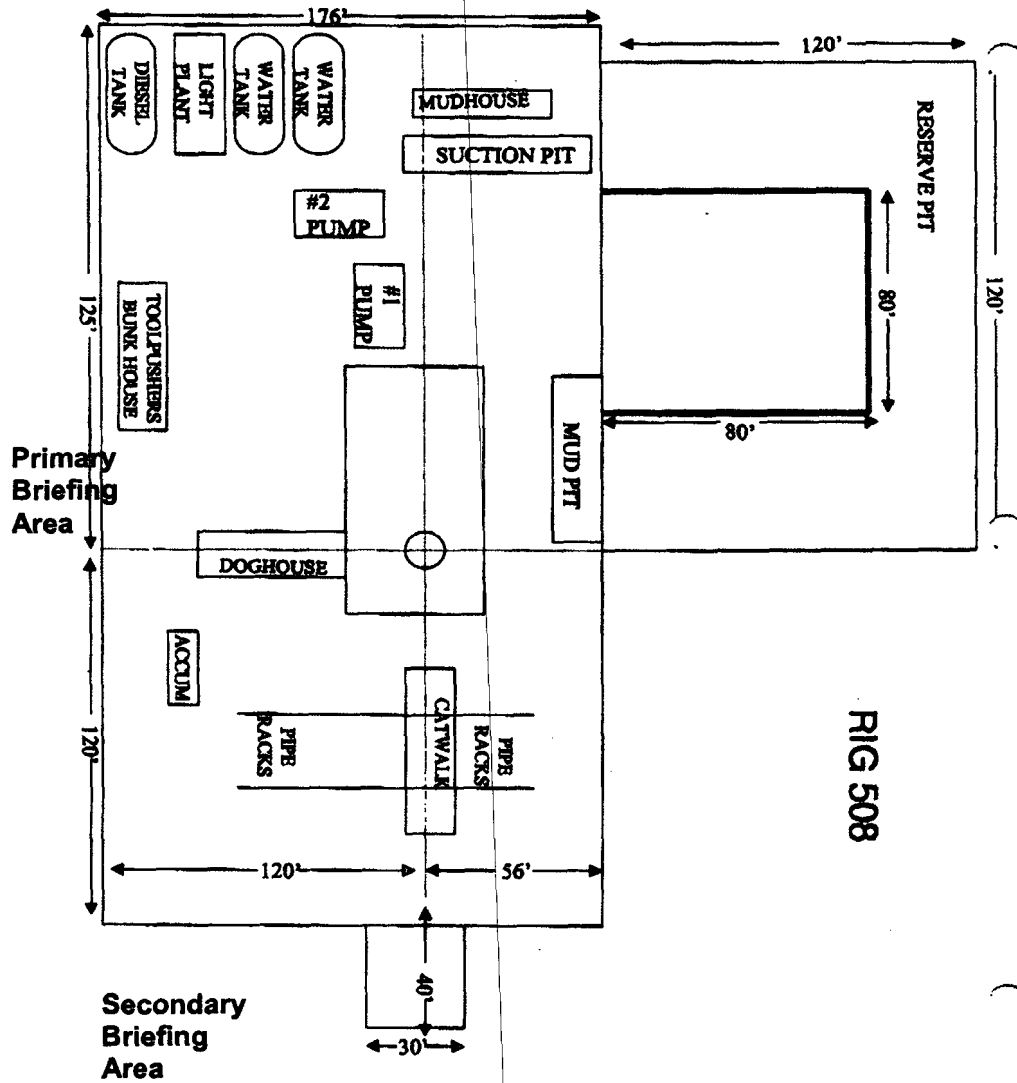
**Oxy Pogo State 1**  
**Lat. 32°20'49.41"N**  
**Long. 104°08'14.84"W**  
**NAD 27 NME**  
**Y = 490031.0 - N**  
**X = 560491.5 - E**



**DIRECTIONS TO LOCATION:** From the intersection of USH 285 and CR 707, go east on CR 707 for approximately 1.3 miles to CR 710. Turn left on CR 710 and go approx. 0.3 miles to a proposed road survey on the left. Follow proposed road survey approx. 1000' west/sw to this location.



Oxy Pogo  
State No. 1



RIG 508

422821888 1-888 P.002/002 P-827 Feb-12-2004 12:18 From-PATTERSON DRILLING

## **EMERGENCY RESPONSE ACTIVATION AND GENERAL RESPONSIBILITIES**

### ***Activation of the Emergency Action Plan***

- A. In the event of any emergency situation, all personnel on location should first ensure that the following items are initiated. After that, they should refer to the appropriate Specific Emergency Guidance sections on pages ten (10) through twelve (12) in this document for further responsibilities:
1. Notify the senior ranking contract representative on site.
  2. Notify Oxy representative in charge.
  3. Notify civil authorities if the Oxy Representative can not be contacted and the situation dictates.
  4. Perform rescue and first aid as required (without jeopardizing additional personnel).

### ***General Responsibilities***

#### **Oxy Permian Personnel:**

- A. Operations Specialist: The Oxy Drilling/Critical Well Servicing Operations Specialist or contract personnel serving in that capacity will serve as Operations Chief Officer for all emergency incidents. The Operations Chief Officer is responsible for:
1. Notification to the Downhole Services Team Leader of the incident occurrence.
  2. Notification to the local RMT/PMT leader of the incident occurrence, and the need for the designated local RMT/PMT Incident Commander to act in that capacity for the response effort.
  3. Sole control of all tactical activities directed toward reducing the immediate hazard, establishing situational control and restoring the operations to a non-emergency state.
- B. Local RMT/PMT Designated Incident Commander: The Oxy local RMT/PMT Designated Incident Commander will serve as the overall Incident Commander for the drilling or critical well servicing emergency incident. The Incident Commander is responsible for:
1. Coordinating with the Downhole Services Team Leader for notification to the Oxy Crisis Management team of the incident occurrence.
  2. Establishing and managing the overall incident command structure and response from inception through restoration of normal activities in the area.
- C. Downhole Services HES Tech: The Downhole Services HES Tech (or his designate) is responsible for reporting to the incident as soon as reasonably possible, to provide support to the response effort as required by the Operations Chief Officer or the Incident Commander.



**Contract Drilling Personnel** will immediately report to their assigned stations and perform their duties as outlined in the appropriate Specific Emergency Guidance sections on pages ten (10) through twelve (12) in this document.

**Other Contractor Personnel** will report to the safe briefing area to assist Oxy personnel and civil authorities as requested when it is safe to do so and if they have been adequately trained in their assigned duties.

**Civil Authorities** (Law Enforcement, Fire, and EMS) will be responsible for:

1. Establishing membership in the Unified Incident Command.
2. As directed by the Incident Commander and the Unified Command, control site access, re-route traffic, and provide escort services for response personnel.
3. Perform all fire control activities in coordination with the Unified Command.
4. Initiate public evacuation plans as instructed by the Incident Commander.
5. Perform rescue or recovery activities with coordination from the Unified Command.
6. Provide medical assistance as dictated by the situation at hand.

### **H2S RELEASE**

The following procedures and responsibilities will be implemented on activation of the H2S siren and lights.

#### **All Personnel:**

1. On alarm, don escape unit (if available) and report to upwind briefing area.

#### **Rig Manager/Tool Pusher:**

1. Check that all personnel are accounted for and their condition.
2. Administer or arrange for first aid treatment, and /or call EMTs as needed.
3. Identify two people best suited to secure well and perform rescue, and instruct them to don SCBA.
4. Notify Contractor management and Oxy Representative.
5. Remain at the briefing area, assess and monitor personnel and overall situation for hazards or conditions that might warrant a change in the action plan.

#### **Two People Responsible For Shut-in and Rescue:**

1. Don SCBA and acquire tools to secure well and perform rescue, i.e., wrenches, retrieval ropes, etc.
2. Utilize the buddy system to secure well and perform rescue(s).
3. Return to the briefing area and stand by for further instructions.

All Other Personnel:

1. Isolate the area and prevent entry by other persons into the 100 ppm ROE. Additionally the first responder(s) must evacuate any public places encompassed by the 100 ppm ROE. First responder(s) must take care not to injure themselves during this operation. Company and/or local officials must be contacted to aid in this operation. Evacuation of the public should be beyond the 100 ppm ROE.

Oxy Representative:

1. Remain at the briefing area, assess and monitor personnel and overall situation for hazards or conditions that might warrant a change in the action plan.
2. Notify Operation Specialists or Team Leader and RMT Leader or Local Incident Commander, and Police, Fire Department, or other local emergency services as required.

Training

There will be an initial training session prior to encountering a known or probable H2S zone (within 3 days or 500 feet) and weekly H2S and well control drills for all personnel in each crew. The initial training session shall include a review of the site specific H2S Drilling Operations Plan and the Public Protection Plan (Contingency Plan). This plan shall be available at the well site. All personnel will be required to carry documentation that they have received the proper training.

Ignition of Gas Source

Should control of the well be considered lost and ignition considered, take care to protect against exposure to Sulfur Dioxide (SO2). Intentional ignition must be coordinated with the NMOCD and local officials. Additionally the NM State Police shall be the Incident Command of any major release. Ignition of the well will be with the concurrence of the drilling team leader and the Oxy Crisis Management Team as time allows.

Characteristics of H2S and SO2

Common Name	Chemical Formula	Specific Gravity	Threshold Limit	Hazardous Limit	Lethal Concentration
Hydrogen Sulfide	H <sub>2</sub> S	1.189 Air = 1	10 ppm	100 ppm	600 ppm
Sulfur Dioxide	SO <sub>2</sub>	2.21 Air = 1	2 ppm	N/A	1000 ppm

### Contacting Authorities

Oxy Permian personnel must liaison with local and state agencies to ensure a proper response to a major release. Additionally, the OCD must be notified of the release as soon as possible but no later than 4 hours. Agencies will ask for information such as; type and volume of release, wind direction, location of release, etc. Be prepared with all information available. The following call list of essential and potential responders has been prepared for use during a release. This response plan must be in coordination with the State of New Mexico's 'Hazardous Materials Emergency Response Plan' (HMER).

## **WELL CONTROL**

The following procedures will be implemented when a loss of primary control is indicated. Indicators of loss of primary control are flow from the well, an increase in pit volume, or when the drilling fluid used to fill the hole on trips is less than the calculated pipe displacement volume. The emergency signal for well control procedures will be a single long blast of the rig air horn.

### **Kick While Drilling - Procedures And Responsibilities**

#### **Driller:**

1. Stop the rotary and hoist the kelly above the rotary table.
2. Stop the mud pump(s).
3. Check for flow.
4. If flowing, sound the alarm immediately.
5. Ensure that all crew members fill their responsibilities to secure the well.
6. Record drill pipe and casing shut-in pressures and pit volume increase and begin kill sheet.

#### **Derrickman:**

1. Go to BOP/choke manifold area.
2. Open choke line valve on BOP.
3. Signal to Floorman #1 that the choke line is open.
4. Close chokes after annular or pipe rams are closed.
5. Record shut-in casing pressure and pit volume increase.
6. Report readings and observations to Driller.
7. Verify actual mud weight in suction pit and report to Driller.
8. Be readily available as required for additional tasks.

#### **Floorman # 1:**

1. Go to accumulator control station and await signal from Derrickman.
2. Close annular preventer and HCR on signal (if available, if not then close pipe rams).
3. Record accumulator pressures and check for leaks in the BOP or accumulator system.
4. Report to Driller, and be readily available as required for additional tasks.

#### **Floorman # 2:**

1. Start water on motor exhausts.
2. Notify Contractor Tool Pusher or Rig Manager of well control situation.
3. Check location for ignition sources and extinguish or turn off, and stop any welding in progress.
4. Report to Driller, and be readily available as required for additional tasks.

Floorman # 3:

1. Stand-by with Driller, and be readily available as required for additional tasks.

Tool Pusher/Rig Manager:

1. Notify Oxy Representative and report to rig floor.
2. Review and verify all pertinent information.
3. Communicate information to Oxy Representative, and confer on an action plan.
4. Finalize well control worksheets, calculations and preparatory work for action plan.
5. Initiate and ensure the action plan is carried out.
6. Communicate any changes in well or site conditions, or any indications that the action plan needs to be revised to the Oxy representative.

Oxy Representative:

1. Notify Operation Specialists or Team Leader and RMT Leader or Local Incident Commander, and Police, Fire Department, or other local emergency services as required.

**Kick While Tripping - Procedures and Responsibilities**

Driller:

1. Sound the alarm immediately when pipe displacement volume is less than 75% of calculated.
2. Position the upper tool joint just above rotary table and set slips.
3. Check for flow.
4. Ensure that all crew members fill their responsibilities to secure the well.
5. Record drill pipe and casing shut-in pressures and pit volume increase, and begin kill sheets.

Derrickman: (same as while drilling)

Floor Man # 1:

1. Install full opening valve (with help from Floorman #2) in top drill string connection.
2. Tighten valve with make up tongs.
3. Go to accumulator control station and await signal from Derrickman.
4. Close annular preventer and HCR valve on signal (if available, if not then close pipe rams).
5. Record accumulator pressures and check for leaks in the BOP and accumulator system.
6. Report to Driller, and be readily available as required for additional tasks.

Floor Man # 2:

1. Assist installing full opening valve in drill string.
2. Position back-up tongs for valve make-up.
3. Start water on motor exhausts.
4. Notify Contractor Tool Pusher or Rig Manager of well control situation.
5. Check location for ignition sources and extinguish or turn off, and stop any welding in progress.
6. Report to Driller, and be readily available as required for additional tasks.

Floorman # 3, Rig Manager/Tool Pusher, and Oxy Representative: (same as while drilling)

## ***PUBLIC RELATIONS***

Oxy recognizes that the news media have a legitimate interest in incidents at Oxy facilities that could affect the public. It is to the company's benefit to cooperate with the news media when incidents occur because these media are our best liaison with the public.

Our objective is to see that all reports of any emergency are factual and represent the company's position fairly and accurately. Cooperation with news media representatives is the most reliable guarantee that this objective will be met.

All contract and Oxy employees are instructed **NOT** to make any statement to the media concerning the emergency incident. If a media representative contacts any employee, they should refer them to the designated Emergency Command Center where they should contact the Incident Commander or his designated relief for any information concerning the incident.

**OXY PERMIAN DOWNHOLE SERVICES GROUP**

	<b>LOCATION</b>	<b>OFFICE</b>	<b>HOME</b>	<b>CELL</b>	<b>PAGER</b>
<b>Manager Operations Support</b>					
Hardesty, Steve	Midland	432-685-5880	432/694-6441	713-560-8095	
<b>Team Leader</b>					
Pennington, Randy	Midland	432-685-5684	432/689-7642	432-556-0207	713-312-8186
			Toledo Bend =	318-590-2349	
<b>Operations Specialists</b>					
Fleming, Joe	Midland	432-685-5858	432/699-0875	432-425-6075	
Ray, Fred	Midland	432-685-5683	432/362-2857	432-661-3893	
<b>HES Tech</b>					
Thompson, Don	Midland	432-685-5719	432/684-3900	432-556-1505	



## **Emergency Notification Numbers**

<b>Public Authorities</b>		
New Mexico State Police	Artesia	505/746-2704
New Mexico State Police	Carlsbad	505/885-3137
New Mexico State Police	Hobbs	505/392-5588
Eddy County Sheriff's Office	Artesia	505/746-2704
Eddy County Sheriff's Office	Carlsbad	505/887-7551
Lea County Sheriff's Office	Hobbs	505/393-2515
Local Emergency Planning Center	Eddy County	505/887-9511
Local Emergency Planning Center	Lea County	505/397-9231
New Mexico Oil & Gas Commission	Artesia	505/748-1283
New Mexico Oil & Gas Commission	Hobbs	505/393-6161
NM Emergency Response Center	Hobbs	505/827-9222

<b>Emergency Services</b>		
Fire Fighting, Rescue, Ambulance, Police	Artesia	911
Fire Fighting, Rescue, Ambulance, Police	Carlsbad	911
Fire Fighting, Rescue, Ambulance, Police	Hobbs	911
Flight For Life	Lubbock	806/743-9911
Aerocare	Lubbock	806/7478923
Med Flight Air Ambulance	Albuquerque	505/842-4433

<b>Other Emergency Services</b>		
Boots and Coots		1/800-256-9688
Cudd Pressure Control	Midland	432/699-0139
B.J. Services	Artesia	505/746-3569
Halliburton	Artesia	505/746-2757

**OXY Permian Production and Plant Personnel  
OXY Permian Crisis Team Hotline Notification (713) 935-7210**

PERSON	LOCATION	OFFICE	FAX	CELL	PAGER
--------	----------	--------	-----	------	-------

**Asset Management-Operations Areas**

OXY Permian General Manager: Tom Menges	Houston	(281) 552-1147	(281) 552-1484	(713) 560-8038	
South Permian Asset: Matt Hyde	Midland	(432) 685-5802	(432) 685-5930	(432) 556-5016	

**RMT/PMT Leaders: South Permian Asset**

Frontier RMT: John Nicholas	Midland	(432) 685-5600	(432)	(432)	(432)
--------------------------------	---------	-------------------	-------	-------	-------

PERSON	LOCATION	OFFICE	FAX	CELL	PAGER
--------	----------	--------	-----	------	-------

**Production Coordinators: S. Permian Asset**

New Mexico: John Erickson	Hobbs	(505) 393-2174	(505) 397-2671	(505) 390-6426	(505) 370-6836
---------------------------	-------	-------------------	-------------------	-------------------	-------------------

**OXY Permian HES Personnel  
OXY Permian Crisis Team Hotline Notification (713) 935-7210**

PERSON	LOCATION	OFFICE	FAX	CELL	PAGER
--------	----------	--------	-----	------	-------

**HES Coordinators & Area of Responsibility**

Frontier: Ricky Tyler	Midland	(432) 685-5702	(432) 685-5742	(432) 556-5790	
--------------------------	---------	-------------------	-------------------	-------------------	--

**HES Techs & Area of Responsibility**

Hobbs RMT: Steve Bishop	Hobbs	(505) 397-8251	(505) 397-8204	(505) 390-4784	(877) 339-1954-1118#
Frontier-New Mexico: Rick Kerby	Hobbs	(505) 393-2174	(505) 393-2671	(505) 390-8639	(505) 370-6527