

C19F

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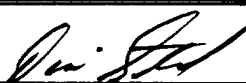
APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. NM-045254
1b. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name 29824
2. Name of Operator OXY USA WTP Limited Partnership 192463		7. Unit or CA Agreement Name and No.
3a. Address P.O. Box 50250 Midland, TX 79710-0250		8. Lease Name and Well No. OXY Bases Loaded Federal #1
3b. Phone No. (Include area code) 915-685-5717		9. API Well No. 30-015- 32317
4. Location of Well (Report location clearly and in accordance with any State requirements) At surface 1980 FNL 890 FWL SWNW(E) At proposed prod. zone		10. Field and Pool, or Exploratory Undsg. Crow Flats Morrow
14. Distance in miles and direction from nearest town or post office* 6 miles northeast from Artesia, NM		11. Sec., T., R., M., or Blk. and Survey or Area Sec 27 T16S R27E
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drg. unit line, if any) 890'	16. No. of Acres in lease 320	12. County or Parish Eddy
17. Spacing Unit dedicated to this well 320	13. State NM	
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. N/A	19. Proposed Depth 9200'	20. BLM/BIA Bond No. on file 9312774
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 3479'	22. Approximate date work will start* 6/30/02	23. Estimated duration 28 days

24. Attachments **Karwell Controlled Water Basin**

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- | | |
|---|--|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan | 5. Operator certification. |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

25. Signature 	Name (Printed/Typed) David Stewart	Date 4/15/02
--	--	------------------------

Title
Sr. Regulatory Analyst

Approved by (Signautre) /S/ JOE G. LARA	Name (Printed/Typed) /S/ JOE G. LARA	Date MAY 29 2002
---	--	----------------------------

Title ACTING FIELD MANAGER	Office CARLSBAD FIELD OFFICE
--------------------------------------	--

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

APPROVAL FOR 1 YEAR

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on Reverse)

**APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED**

OXY Bases Loaded Federal #1
1980 FNL 890 FWL SEC 27 T16S R27E Eddy County, NM
Federal Lease No. NM-045254

PROPOSED TD: 9200' TVD

BOP PROGRAM: 0-430' None

430-1850' 11" 5M blind and pipe rams with 5M annular preventer.

1850-9200' 11" 5M blind pipe rams with 5M annular preventer and rotating head below 6000'.

CASING: Surface: 13-3/8" OD 48# H40 ST&C new casing set at 430' 17-1/2" hole

Intermediate: 8-5/8" OD 32# K55 ST&C new casing from 0-1850' 11" hole

Production: 4-1/2" OD 11.6# N80 LT&C new casing from 0-9200' 7-7/8" hole

CEMENT: Surface - Circulate cement with 160sx 35:65 POZ/C with 6% Bentonite + 2% CaCl₂ + .25#/sx Cello-Seal followed by 200sx Cl C with 2% CaCl₂.

Intermediate - Circulate cement with 300sx 35:65 POZ/C with 6% Bentonite + 2% CaCl₂ + .25#/sx Cello-Seal followed by 200sx Cl C with 2% CaCl₂.

Production - Cement with 700sx 15:61:11 POZ/C/CSE with .5% FL-25 + .5% FL-52 + 8#/sx Gilsonite followed by 100sx Cl C with .7% FL-25.

Estimated top of cement is 5400'.

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

MUD: 0-430' Fresh water/native mud. Lime for pH control (9-10). Paper for seepage. Wt 8.7-9.2 ppg, Vis 32-34 sec

430-1850' 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 increase to 20000PPM.

1850-5900' Fresh water. Lime for pH control (9-9.5). Paper for seepage. Wt 8.3-8.5 ppg, Vis 28-29 sec

5900-8200' Cut brine. Lime for pH control (10-10.5). Wt 9.6-10.0 ppg, Vis 28-29sec

8200-9200' Mud up with an Duo Vis/Flo Trol mud system. Wt 9.6-10.0ppg, Vis 32-36sec, WL<10cc

ED

APR 18 '02

BLM
ROSWELL, NM

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240

DISTRICT II
811 South First, Artesia, NM 88210

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

DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised March 17, 1999

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-	Pool Code 75720	Pool Name Undesignated Crow Flats Morrow
Property Code	Property Name OXY BASES LOADED FEDERAL COM	Well Number 1
OGRID No. 192463	Operator Name OXY USA WTP, L.P.	Elevation 3479'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	27	16 S	27 E		1980	NORTH	890	WEST	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

	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>David Stewart</i></p> <p>Signature</p> <p>David Stewart</p> <p>Printed Name</p> <p>Sr. Regulatory Analyst</p> <p>Title</p> <p>4/15/02</p> <p>Date</p>	
	<p>SURVEYOR CERTIFICATION</p> <p>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.</p> <p>MARCH 18, 2002</p> <p>Date Surveyed</p> <p><i>Gary Jones</i></p> <p>Signature & Seal of Professional Surveyor</p> <p>W.D. No. 2375</p> <p>Certificate No. Gary Jones 7977</p> <p>BASIN SURVEYS</p>	

OXY USA WTP Limited Partnership
P.O. Box 50250, Midland, TX 79710-0250

April 15, 2002

United States Department of the Interior
Bureau of Land Management
Roswell District Office
2909 West Second Street
Roswell, New Mexico 88201

RECEIVED

APR 18 '02

Re: Application for Permit to Drill
OXY USA WTP Limited Partnership
OXY Bases Loaded Federal #1
Eddy County, New Mexico
Lease No. NM-045254

BLM
ROSWELL, NM

Gentlemen:

OXY USA WTP Limited Partnership respectfully requests permission to drill our OXY Bases Loaded Federal #1 located 1980 FNL and 890 FWL of Section 27, T16S, R27E, Eddy County, New Mexico, Federal Lease No. NM-045254. The proposed well will be drilled to a TD of approximately 9200' (TVD). The location and work area has been staked. It is approximately 6 miles northeast of Artesia, New Mexico.

In accordance with requirements stipulated in Federal Onshore Oil and Gas Order No. 1 under 43 CFR 3162.1, our Application for Permission to Drill and supporting evidence is hereby submitted.

I. Application for Permit to Drill:

1. Form 3160.3, Application for Permit to Drill.
2. Form C-102 Location and Acreage Dedication Plat certified by Gary L. Jones, Registered Land Surveyor No. 7977 in the State of New Mexico, dated March 18, 2002.
3. The elevation of the unprepared ground is 3479 feet above sea level.
4. The geologic name of the surface formation is Permian Rustler.
5. Rotary drilling equipment will be utilized to drill the well to TD 9200' (TVD), and run casing. This equipment will then be rigged down and the well will be completed with a pulling unit.
6. Proposed total depth is 9200' TVD.
7. Estimated tops of important geologic markers.

Wolfcamp	6050' TVD
Strawn	8175' TVD
Atoka	8450' TVD
Morrow	8675' TVD

8. Estimated depths at which anticipated water, oil, gas or other mineral bearing formations are expected to be encountered:

Primary Objective:	Morrow	8675' TVD
Secondary Objective:	Atoka	8450' TVD

9. The proposed casing program is as follows:

Surface: 13-3/8" 48# H40 ST&C new casing set at 430'
 Intermediate: 8-5/8" 32# K55 ST&C new casing from 0-1850'
 Production: 4-1/2" 11.6# N80 LT&C new casing from 0-9200'

10. Casing setting depth and cementing program:

- A. 13-3/8" surface casing set at 430' in 17-1/2" hole.
 Circulate cement with 160sx 35:65 POZ/C w/ 6% Bentonite + 2% CaCl₂ + .25#/sx Cello-Seal followed by 200sx Class C w/ 2% CaCl₂.

If cement does not circulate, a temperature survey will be run to find the TOC and then finish cementing to surface through 1" using Class C with 2% CaCl₂.

- B. 8-5/8" intermediate casing set at 1850' in 11" hole.
 Circulate cement with 300sx 35:65 POZ/C w/ 6% Bentonite + 2% CaCl₂ + .25#/sx Cello-Seal followed by 200sx Class C w/ 2% CaCl₂.

If hole conditions dictate, a DV tool may be run to ensure that the intermediate string is cemented to surface.

If cement does not circulate, a temperature survey will be run to find the TOC and then finish cementing to surface through 1" using Class C with 2% CaCl₂.

Note: Cement volumes may be adjusted according to fluid caliper.

- C. 4-1/2" production casing set at 9200'. Cement with 700sx 15:61:11 POZ/C/CSE w/ .5% FL-25 + .5% FL-52 + 8#/sx Gilsonite followed by 100sx Class C w/ .7% FL-25.

Estimated top of cement is 5400'.

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

11. Pressure Control Equipment

0-430'	None
430-1850'	11" 5M blind and pipe rams with 5M annular preventer. Exhibit A
1850-9200'	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. Rotating head below 6000'. Exhibit A.

A kelly cock will be installed and maintained in operable condition and a drill string safety valve in the open position will be available on the rig floor.

After setting the 8-5/8" casing, the blowout preventers and related control equipment shall be pressure tested to 5000 psi. Any equipment failing to test satisfactorily shall be repaired or replaced. Results of the BOP test will be recorded in the Driller's Log. The BOP's will be maintained ready for use until drilling operations are completed.

BOP drills will be conducted as necessary to assure that equipment is operational and each crew is properly trained to carry out emergency duties.

Accumulator shall maintain a pressure capacity reserve at all times to provide for the close-open-close sequence of the blind and pipe rams of the hydraulic preventers.

12. Mud Program:

0-430'	Fresh water/native mud. Lime for pH control (9-10). Paper for seepage. Wt. 8.7-9.2 ppg, vis 32-34 sec.
430-1850'	Fresh/ brine water. Lime for pH control (10-10.5). Paper for seepage. Wt. 8.3-9.0/10.0-10.1 ppg, vis 28-29 sec. *Fresh water will be used unless chlorides in the mud system increase to 20000PPM.
1850-5900'	Fresh water. Lime for pH control (9-9.5). Paper for seepage. Wt. 8.3-8.5 ppg, vis 28-29 sec.
5900-8200'	Cut brine. Lime for pH control (10-10.5). Wt. 9.6-10.0 ppg, vis 28-29 sec.
8200-9200'	Mud up with an Duo Vis/Flo Trol system. Wt. 9.6-10.0 ppg, Vis 32-36sec, WL<10cc.

Mud system monitoring equipment with derrick floor indicators and visual/audio alarms shall be installed and operative prior to drilling into the Wolfcamp formation. This equipment will remain in use until the production casing is run and cemented. Monitoring equipment shall consist of the following:

- 1) A recording pit level indicator.
- 2) A pit volume totalizer.
- 3) A flowline sensor.

13. Testing, Logging and Coring Program:
 - A. Testing program: No DST's are anticipated.
 - B. Mud logging program: One-man unit from 6000' to TD.
 - C. Electric logging program: CNL/LDT/CAL/GR, DLL/CAL/GR.
 - D. Coring program: Possible sidewall rotary cores.
14. No abnormal temperatures, or H2S gas are anticipated. The highest anticipated pressure gradient would be .55psi/ft. Adequate flare lines will be installed off the mud/gas separator where gas may be flared safely.
15. Anticipated starting date is June 30, 2002. It should take approximately 28 days to drill the well and another 10 days to complete.
16. The Multi-Point Surface Use & Operation Plan is attached.
17. If the Bureau of Land Management needs additional information to evaluate this application, please advise.

Very truly yours,



David Stewart
Sr. Regulatory Analyst
OXY USA WTP Limited Partnership

DRS/drs

Attachments

MULTI-POINT SURFACE USE AND OPERATIONS PLAN

OXY USA WTP Limited Partnership
OXY Bases Loaded Federal #1
Eddy County, New Mexico
Lease No. NM-045254

This plan is submitted with the Application for Permit to Drill the above described well. The purpose of the plan is to identify the location of the proposed well, the proposed construction activities and operations plan, the magnitude of necessary surface disturbance involved and the procedures to be followed in rehabilitating the surface after completion of the operation so that a complete appraisal may be made of the environmental effects associated with the operation.

The well, and work area have been staked by a registered New Mexico land surveyor. Geo-Marine Inc. has been engaged to make an archaeological reconnaissance of the work area. Their findings concerning cultural resources will be reported to the Bureau of Land Management.

1. Existing Roads

A copy of a USGS "Red Lake, SE New Mexico" quadrangle map is attached showing the proposed location. The well location is spotted on this map, which also shows the existing road system. Exhibit B.

Directions to location:

From the junction of USH 82 and CR 202, go northeast on CR 202 approximately 3.5 miles to a lease road. Go northwest for 3.5 miles to a lease road, then west .7 mile, then south .3 mile, then west .15 mile to the proposed lease road.

2. Planned Access Road

- A. A new access road will be built. The access road will run approximately 438' south from an existing lease road to the location. Exhibit B.
- B. Surfacing material: Six inches of caliche and water, compacted and graded.
- C. Maximum Grade: Less than 3%.
- D. Turnouts: None needed
- E. Drainage Design: N/A
- F. Culverts: None needed
- G. Cuts and Fills: Leveling the location will require minimal cuts or fills.
- H. Gates or Cattleguards: None required

3. Existing wells within a one mile radius of the proposed development well are shown on Exhibit C.

4. Location of Existing and/or Proposed Facilities

- A. If the well is productive, production facilities will be constructed on the well pad. The facility will consist of a stack pack, one 300 bbl oil tank and one 300 bbl fiberglass water tank. All permanent above ground facilities will be painted in accordance with the BLM's painting guidelines simulating the color of sandstone brown.
- B. All site security guidelines identified in 43 CFR 3162.7 regulations will be adhered to and a site security plan will be submitted for the OXY Bases Loaded Federal #1 tank battery. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed.

5. Location and Type of Water Supply

Fresh water and brine water will be used to drill this well. It will be purchased from a supply in Loco Hills and transported to the well site.

6. Source of Construction Materials

Caliche for surfacing the well pad will be obtained from a Federal pit located in Section 12, T20S, R27E, Eddy County, New Mexico.

7. Method of Handling Waste Disposal

- A. Drill Cuttings will be disposed of in drilling pits.
- B. Drilling fluids will be allowed to evaporate in the drilling pits until pits are dry.
- C. Water produced during tests will be disposed of in the drilling pits. Oil produced during tests will be stored in test tanks until sold.
- D. Current laws and regulations pertaining to the disposal of human waste will be complied with.
- E. Trash, waste paper, garbage and junk will be collected in steel trash bins and removed after drilling and completion operations are completed. All waste material will be contained to prevent scattering by the wind.
- F. All trash and debris will be removed from the wellsite within 30 days after finishing drilling and/or completion operations.

8. Ancillary Facilities

- A. None needed.

9. Wellsite Layout

- A. The location and dimensions of the well pad, mud pits, reserve pit and location of major rig components are shown on the well site layout sketch. The V-door will be to the north and the pits to the west. Exhibit D.
- B. Leveling of the wellsite will be required with minimal cuts or fills anticipated.

- C. The reserve pit will be plastic lined.
- D. While constructing the pits and material is encountered at a depth which would not allow the pits to meet the BLM stipulations without blasting, OXY requests a variance. There will be an adequate amount of material to reclaim the pit per the stipulations.
- E. The pad and pit area have been staked and flagged.

10. Plans for Restoration of the Surface

- A. After completion of drilling and/or completion operations, all equipment and other materials not needed for operations will be removed.
- B. Pits will be filled and location cleaned of all trash and junk to leave the well site in as aesthetically pleasing condition as possible. Any plastic material used to line the pits or sumps will be cut off below ground level as far as possible and disposed of before the pits are covered. All unattended pits containing liquid will be fenced and the liquid portion allowed to evaporate before the pits are broken and backfilled.
- C. After abandonment of the well, surface restoration will be in accordance with the land owner. This will be accomplished as expeditiously as possible. Barring unforeseen problems, all pits will be filled and leveled within 90 days after abandonment.

11. Surface Ownership

The wellsite is on federal owned surface. The surface is leased to: Bogle LTD., P.O. Box 460, Dexter, NM 88230-0460. They will be notified of our intention to drill prior to any activity.

12. Other Information

- A. Topography: The location is a flat plain. GL elevation is 3479'.
- B. Soil: Sandy clay loams.
- C. Flora and Fauna: The vegetative cover is generally sparse consisting of mesquite, yucca, shinnery oak, sandsage and perennial native range grasses. Wildlife in the area is also sparse consisting of coyotes, rabbits, rodents, reptiles, dove and quail.
- D. Ponds and Streams: There are no rivers, streams, lakes or ponds in the area.
- E. Residences and Other Structures: No residence within 2 miles of the proposed location.
- F. Archaeological, Historical and Cultural Sites: Cultural resources have been recorded in the area. Geo-Marine Inc. will be engaged to make an archaeological reconnaissance of the work area.
- G. Land Use: Cattle ranching.

Multi-Point Surface Use and Operations Plan
OXY Bases Loaded Federal #1
Page 4

- H. The well site, if a producer, will be maintained and kept clean of all trash and litter which detracts from the surrounding environment. Equipment will be maintained in accordance with good operating practice.
- I. After the wellsite is cleaned and pits and sumps backfilled, any obstruction to the natural drainage will be corrected by ditching or terracing. All disturbed areas, including any access road no longer needed, will be ripped. Those areas will be reseeded with grass if, in the opinion of the land owner, it is required.

13. Operator's Representatives and Certification

The field representative responsible for assuring compliance with the approved surface use and operations plan are as follows:

John Erickson
Production Coordinator
P.O. Box 69
Hobbs, New Mexico 88240
Office Phone: 505-393-2174
Cellular: 505-390-6426

Joe Fleming
Drilling Coordinator
P.O. Box 50250
Midland, TX 79710-0250
Office Phone: 915-685-5858

Calvin C. (Dusty) Weaver
Operation Specialist
P.O. Box 2000
Levelland, TX 79336
Office Phone: 806-229-9467
Cellular: 806-893-3067

Terry Asel
Operation Specialist
1017 W. Stanolind Rd.
Hobbs, NM 88240
Office Phone: 505-397-8217
Cellular: 505-631-0393

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by OXY USA WTP Limited Partnership and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

4/16/02
DATE

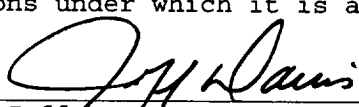
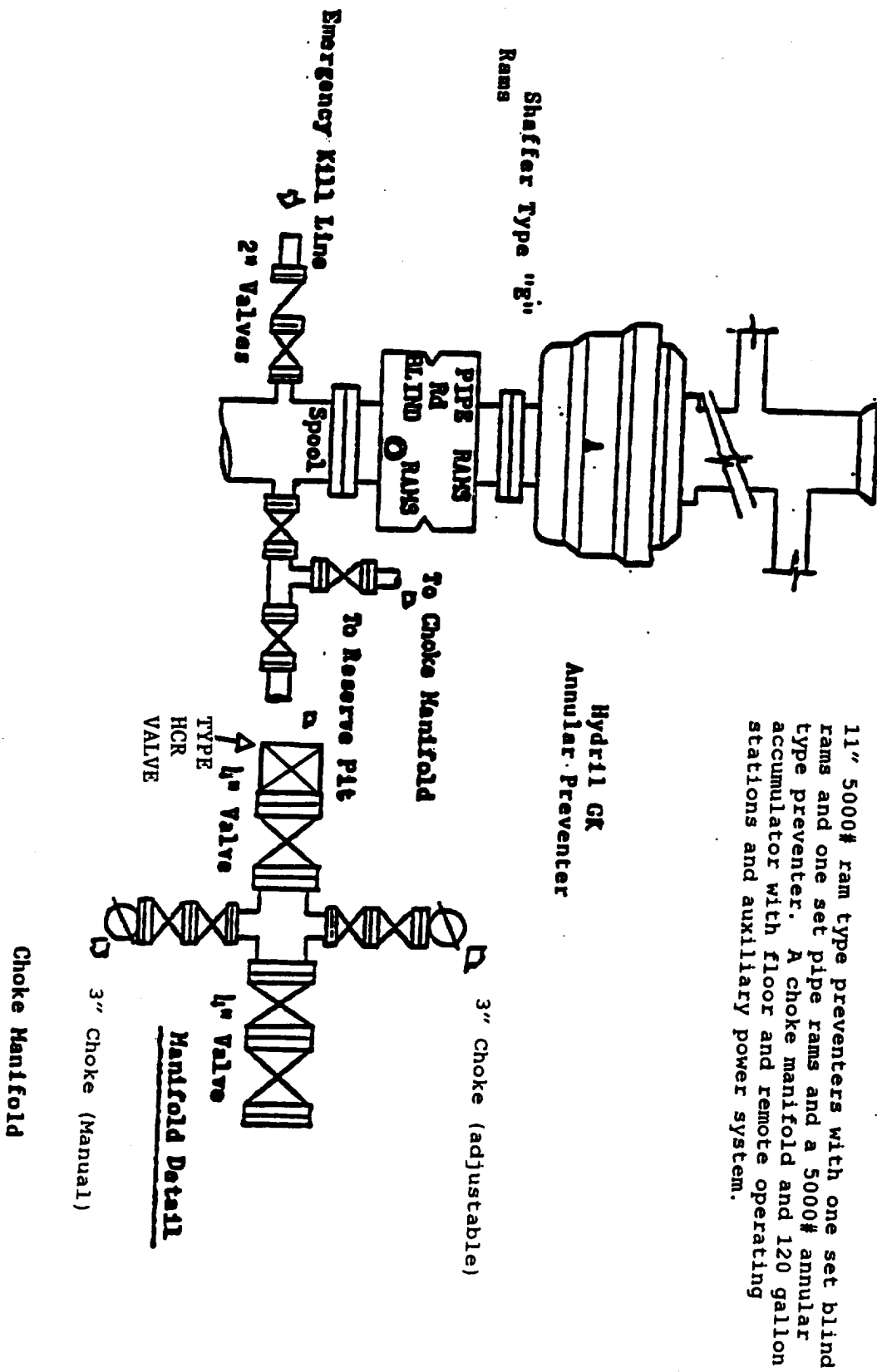
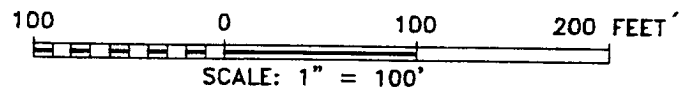
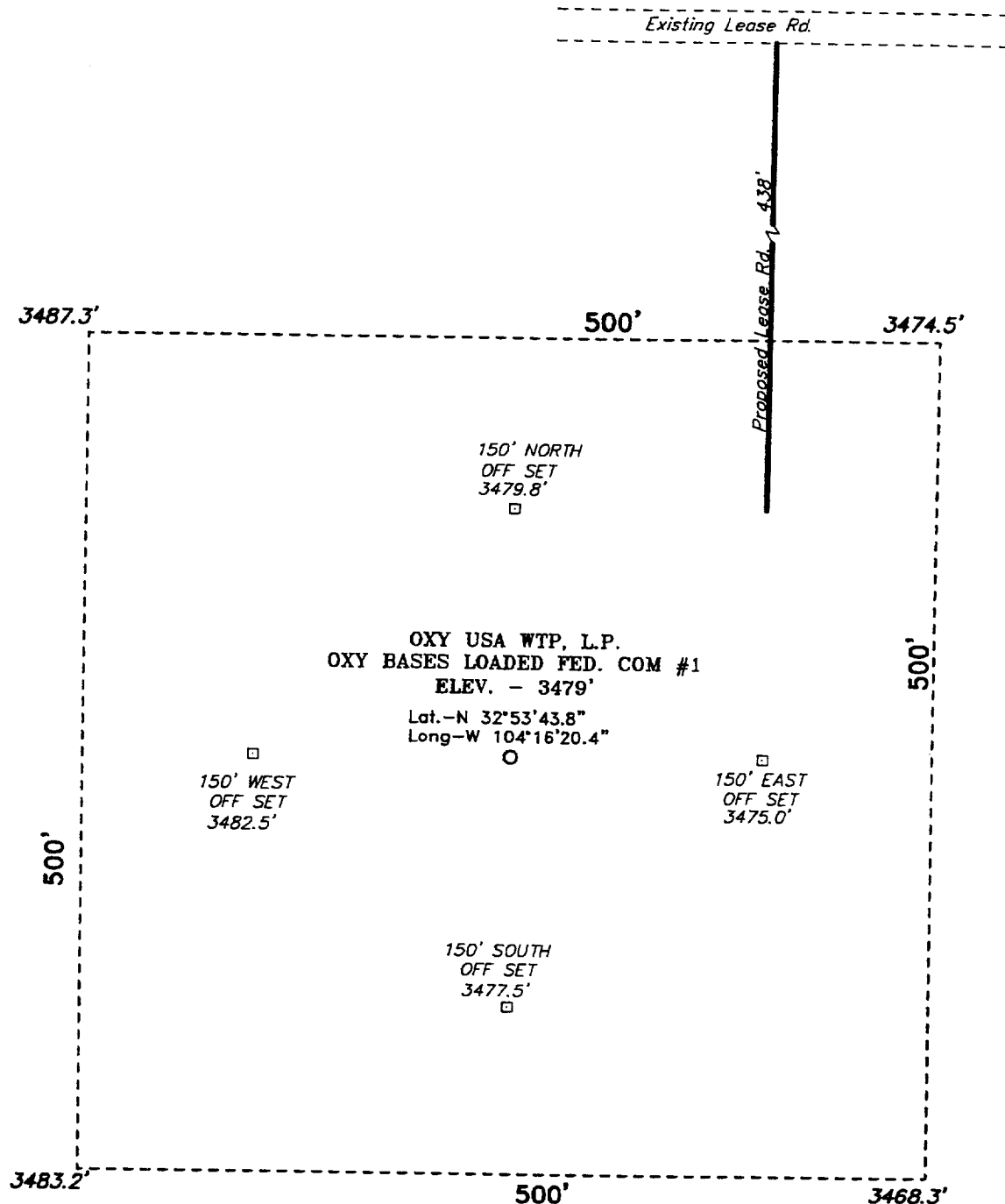

Jeff Davis
Sr. Engineering Technician
915-685-5710
South Permian Asset Team
OXY USA WTP Limited Partnership

EXHIBIT A

BLOWOUT PREVENTOR SCHEME



**SECTION 27, TOWNSHIP 16 SOUTH, RANGE 27 EAST, N.M.P.M.,
EDDY COUNTY, NEW MEXICO.**



Directions to Location:

FROM THE JUNCTION OF CO. RD. 202 AND US. HWY 82, GO NORTH AND NORTHEAST ON CO. RD. 202 FOR 3.5 MILES TO A LEASE ROAD; THENCE NORTHWESTERLY ON LEASE ROAD FOR 3.5 MILES; THENCE WEST ON LEASE ROAD FOR 0.7 MILE; THENCE SOUTH ON LEASE ROAD FOR 0.3 MILE; THENCE WEST ON LEASE ROAD FOR 0.15 MILE TO PROPOSED LEASE ROAD.

BASIN SURVEYS P.O. BOX 1786 - HOBBS, NEW MEXICO

W.O. Number: 2376

Drawn By: K. GOAD

Date: 03-19-2002

Disk: KJG CD#5 - 2376A.DWG

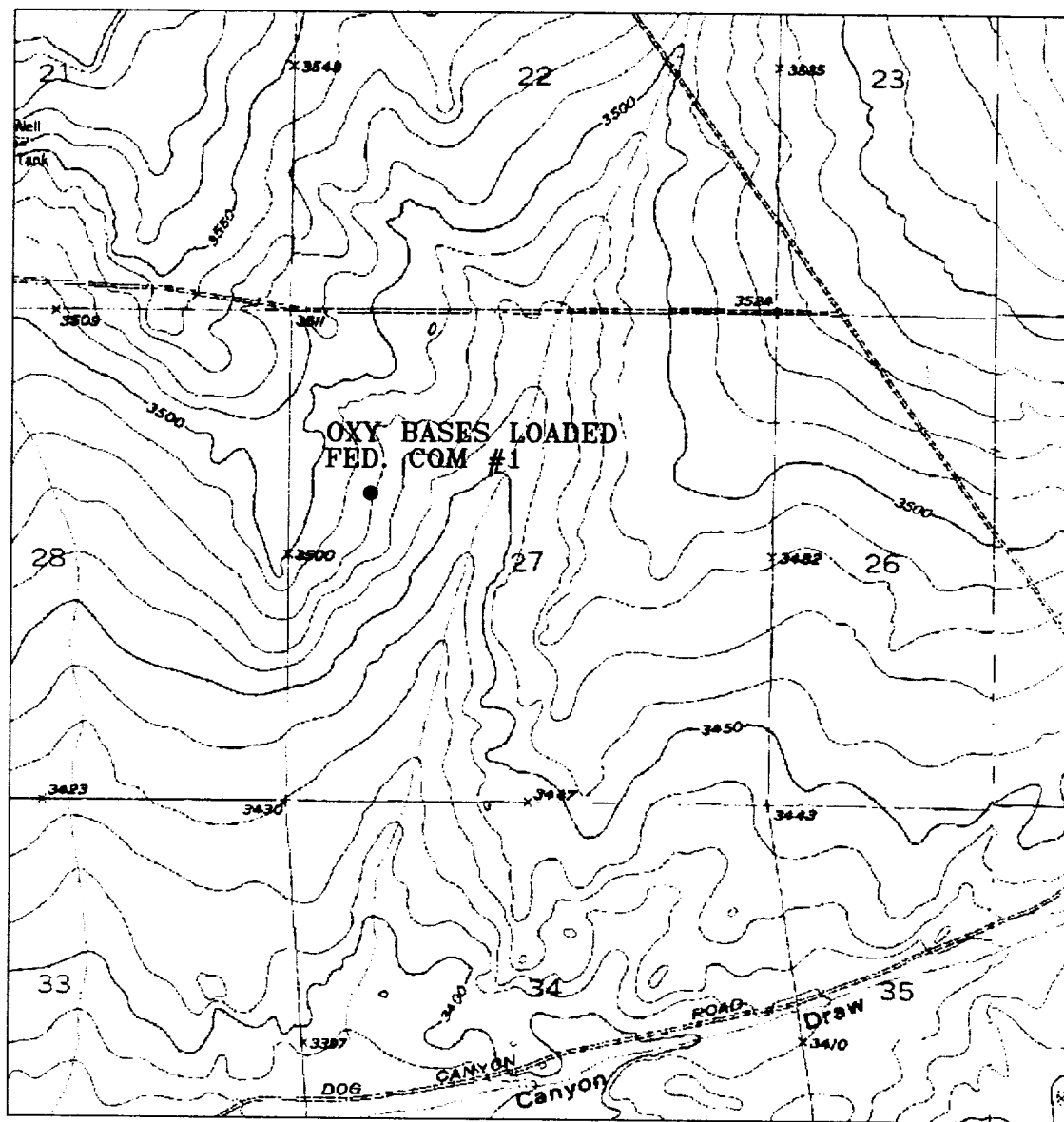
OXY USA WTP, L.P.

REF: OXY BASES LOADED FED. COM #1 / Well Pad Topo

THE OXY BASES LOADED FED. COM No. 1 LOCATED 1980' FROM THE NORTH LINE AND 890' FROM THE WEST LINE OF SECTION 27, TOWNSHIP 16 SOUTH, RANGE 27 EAST, N.M.P.M., EDDY COUNTY, NEW MEXICO.

Survey Date: 03-18-2002

Sheet 1 of 1 Sheets



OXY BASES LOADED FED. COM #1
 Located at 890' FNL and 1980' FWL
 Section 27, Township 16 South, Range 27 East,
 N.M.P.M., Eddy County, New Mexico.

basin
surveys

focused on excellence
 in the oilfield

P.O. Box 1786
 1120 N. West County Rd.
 Hobbs, New Mexico 88241
 (505) 393-7316 - Office
 (505) 392-3074 - Fax
 basinsurveys.com

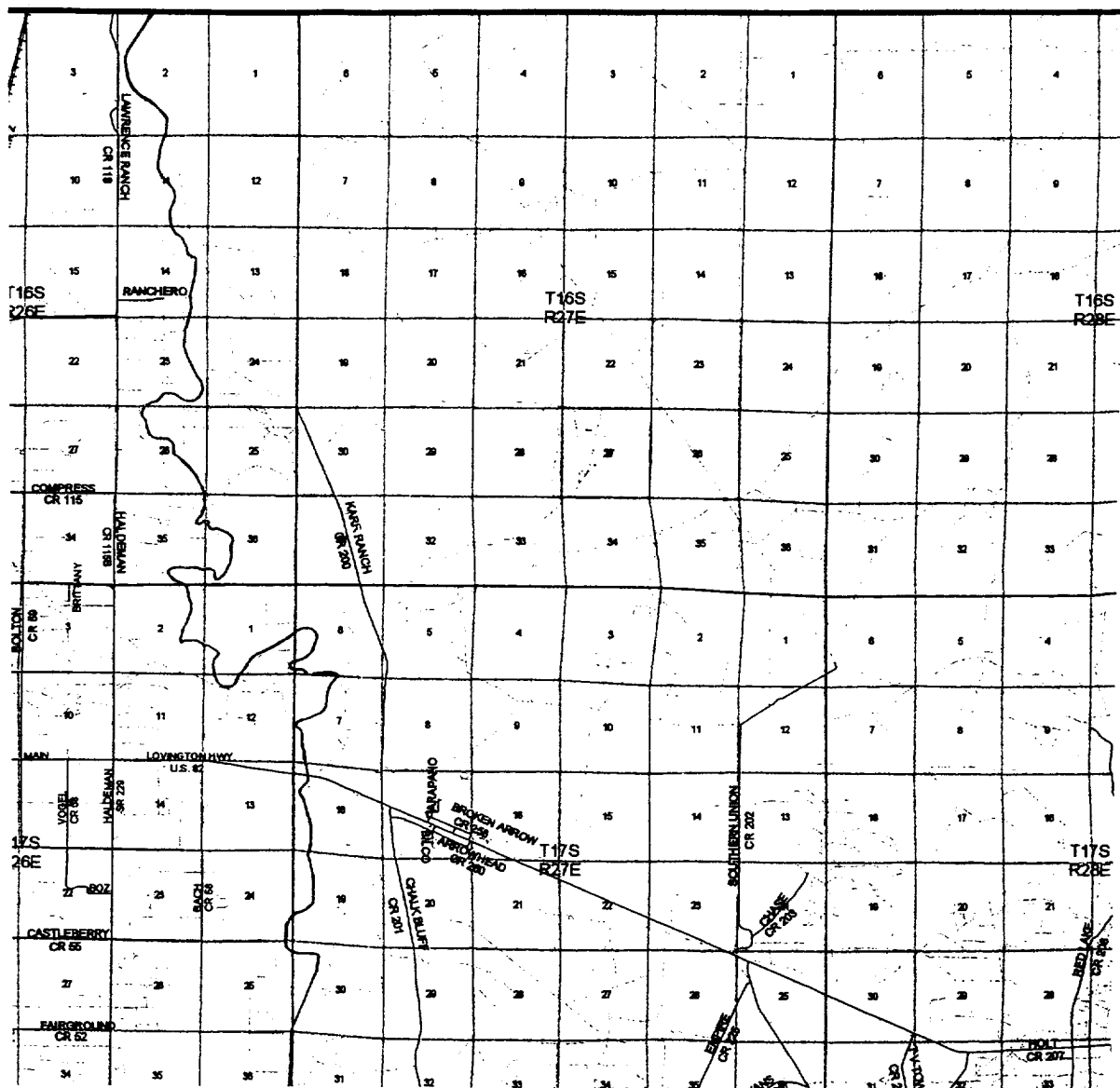
W.O. Number: 2376AA - KJG CD#4

Survey Date: 03-18-2002

Scale: 1" = 2000'

Date: 03-19-2002

OXY USA
WTP, L.P.



OXY BASES LOADED FED. COM #1
 Located at 890' FNL and 1980' FWL
 Section 27, Township 16 South, Range 27 East,
 N.M.P.M., Eddy County, New Mexico.

basin
surveys

focused on excellence
 in the oilfield

P.O. Box 1786
 1120 N. West County Rd.
 Hobbs, New Mexico 88241
 (505) 393-7316 - Office
 (505) 392-3074 - Fax
 basinsurveys.com

W.O. Number: 2376AA - KJG CD#4

Survey Date: 03-18-2002

Scale: 1" = 2 miles

Date: 03-19-2002

OXY USA
WTP, L.P.

EXHIBIT C

OXY BASES LOADED FED #1

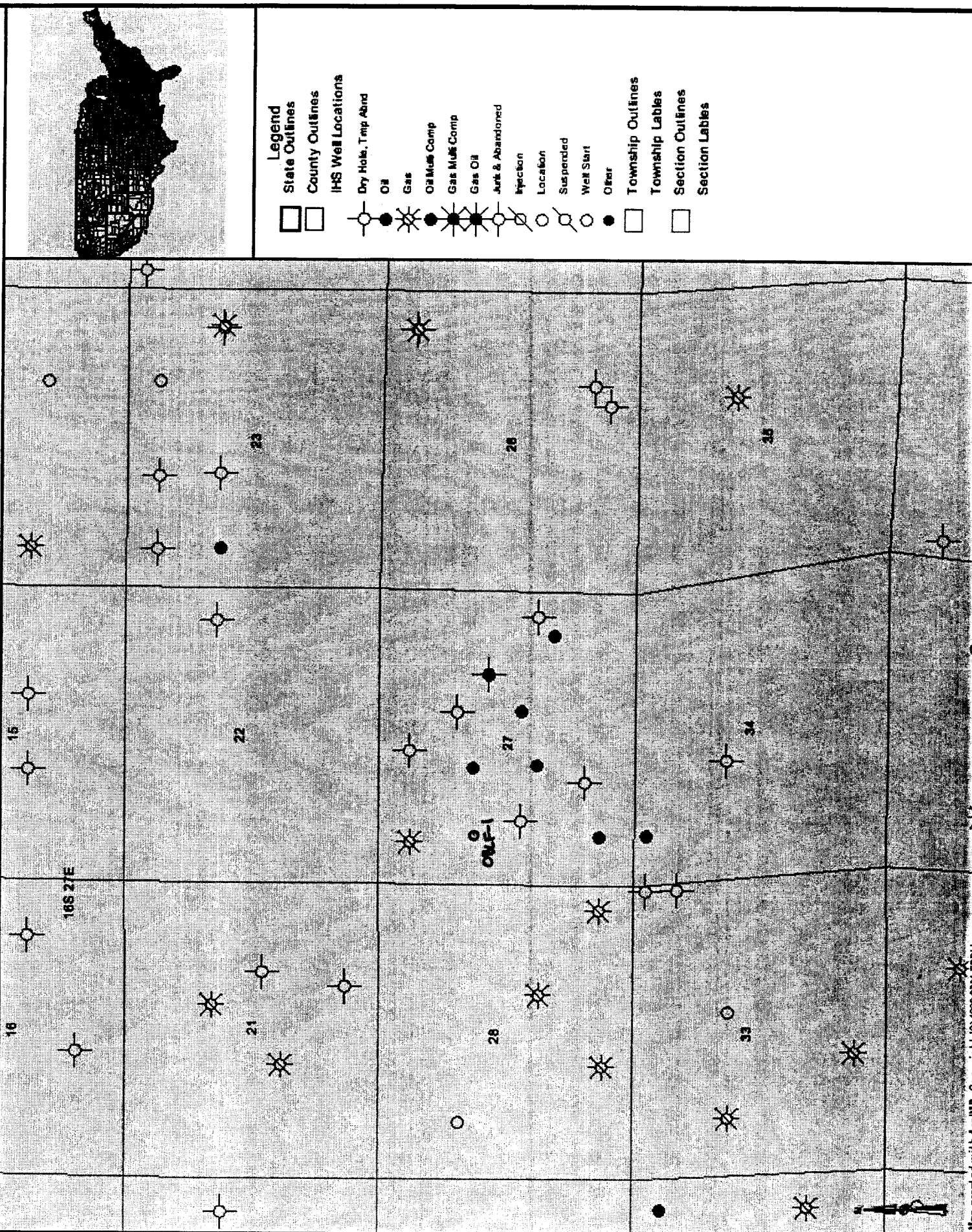
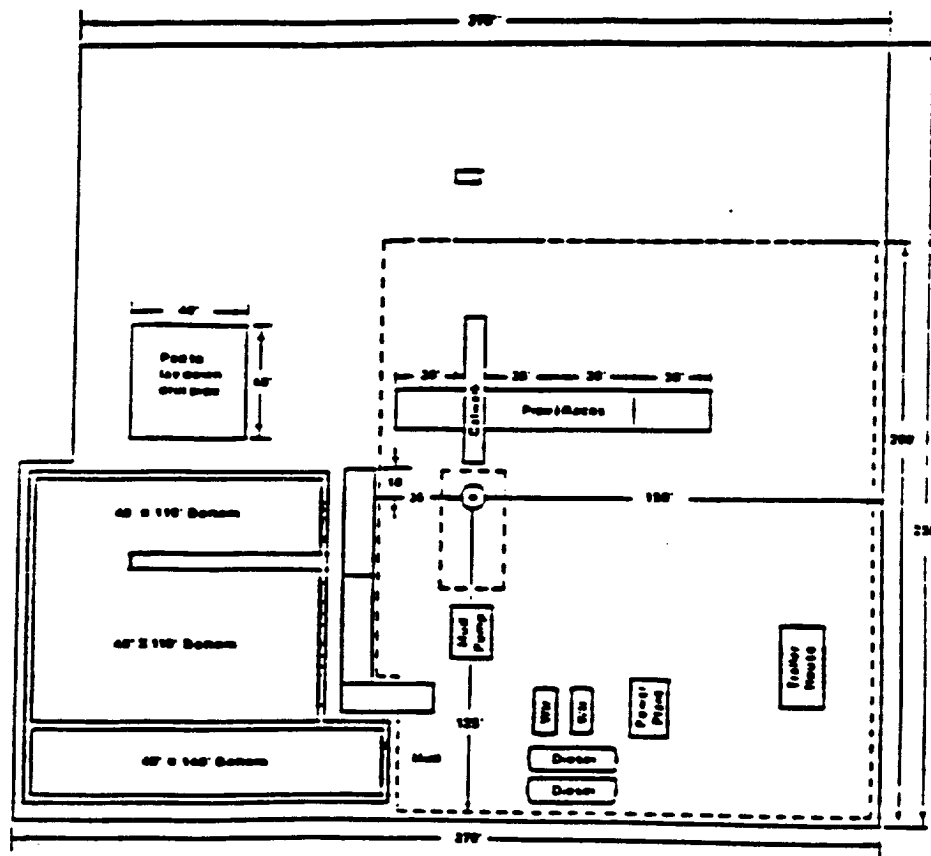


EXHIBIT D
LOCATION PLAT



United States Department of the Interior
Bureau of Land Management
Roswell District
2909 W. Second Street
Roswell, New Mexico 88202

Attention: Armando A. Lopez

RE: OXY Bases Loaded Federal #1
Section 27, T16S-R27E
Eddy County, New Mexico

STATEMENT ACCEPTING RESPONSIBILITY FOR OPERATIONS

OPERATOR NAME: OXY USA WTP Limited Partnership
ADDRESS: P. O. Box 50250
Midland, Texas 79710

The undersigned accepts all applicable terms, conditions, stipulations, and restrictions concerning operations conducted on the leased land or portion thereof, as described below:

LEASE NO.: NM-045254
LEGAL DESCRIPTION: 1980' FNL and 990' FWL Section 27,
T16S-R27E
Eddy County, New Mexico
FORMATIONS: All
BOND COVERAGE: Nationwide
BLM BOND FILE NO.: ES 0136

OXY USA WTP Limited Partnership

AUTHORIZED SIGNATURE:

BY: 
David R. Evans

TITLE: Sr. Landman Advisor
DATE: March 19, 2002

cc: David Stewart

**TITLE PAGE/ABSTRACT/
NEGATIVE SITE REPORT
CFO/RFO**

1/95

1. BLM Report No.	2. (ACCEPTED) (REJECTED)	3. NMCRIS No. 78223
4. Title of Report (Project Title) Class III archaeological survey of a proposed pad and access road for the Bases Loaded Fed. Com well No. 1 for OXY USA WTP, L.P. in T 16 S, R 27 E, Sections 22 and 27, NMPM Eddy County, NM.		5. Project Date(s) 3-22-02 to
		6. Report Date 3-25-02
7. Consultant Name & Address: Direct Charge: Mark C. Slaughter Name: Geo-Marine Inc. Address: 150-A N. Festival Drive, El Paso, TX 79912 Authors Name: Danny Boone Field Personnel Names: Danny Boone Phone: (915) 585-0168		8. Permit No. 103-2920-01-P
		9. Consultant Report No. 580EP
10. Sponsor Name and Address: Indiv. Responsible: OXY USA WTP, L.P. Name: Dusty Weaver Address: 2028 Buffalo Levelland, Tx 79336 Phone: (806) 894-8307		11. For BLM Use Only.
		12. ACREAGE: Total No. of acres surveyed: 11.94 SURFACE OWNERSHIP: Federal: 11.94 State: 0, Private: 0
13. Location: (Maps Attached if Negative Survey)		
a. State: New Mexico b. County: Eddy c. BLM Office Carlsbad d. Nearest City or Town: Artesia, NM e. Legal Location: T 16 S R 27 E Sec. 22, Pad, SW NW, Access Road, (New) NE SW NW, (Old) NW SE NW, NE SE NW, NE NE NW; Sec. 27, Old) SE SE SW; Well Footages: 1980 FNL, 890' FWL f. USGS 7.5 Map Name(s) and Code Number(s): ARTESIA NE, NM (1955) 32104-H3 g. Area: Block: surveyed: 500' x 500' Impact: Within survey area Linear: Surveyed: 100' x 2,701 (-/+) Impact: 50' x 2,801.7'		

14. a. Records Search; ARMS: Date(s): 3-25-02 Name(s): Danny Boone
BLM Office: Date(s): 3-21-02 Name(s): Danny Boone
List Sites within .25 miles of Project: None
Show sites within 500' on Project Map

b. Description of Undertaking:

From approximately 100' inside of the northeast portion of the pad survey area the new construction portion of the access road will go north to Station 4+37.8 to junction with an existing (old) lease road. A cultural inventory was conducted for this existing lease road to Station 28+01.7 to a junction with a frequently used and occasionally maintained lease road where the archaeological survey was terminated. The west to east portion crosses a old Tank Battery pad for the Hitchcock "27" Lease and the northeast to southwest portion near a dry hole marker for the Hitchcock "27" well No. 3. A Basin Surveys Plat accompanies this report.

c. Environmental Setting (NRCS soil designation; vegetative community; etc.):

The project is located on a east facing hill slope of loamy soils with considerable amounts of caliche and gypsum present. Vegetation cover is approximately 40% overall and consists of mesquite, prickly pear cactus, pencil cholla cactus, yucca cactus, mormon tea, broom snakeweed, littleleaf horsebrush, eagle talion cactus, various grassea and other flora.

NRCS: Reeves-Gypsum land-Cottonwood association: Loamy soils that are very shallow to moderately deep over gypsum beds, and Gypsum lands.

d. Field Methods:

For the pad, a grid of parallel transects spaced fifteen meters or less and for the road, transects spaced up to 15 meters each side of flagged center line.

15. Cultural Resource Findings:

a. Identification and description
None

16. Management Summary (Recommendations):

Archaeological clearance of a proposed pad and access road for the Bases Loaded Fed. Com well No. 1 for OXY USA WTP, L.P. in T 16S, R 27E, Sections 22 and 27, NMPM Eddy County, NM as presently staked is recommended. All activity should cease and the BLM archaeologist be notified immediately if any cultural resources are encountered at any time.

I certify that the information provided above is correct and accurate and meets all appreciable BLM standards.

Responsible Archaeologist

Danny Boone
Signature

3-25-02
Date

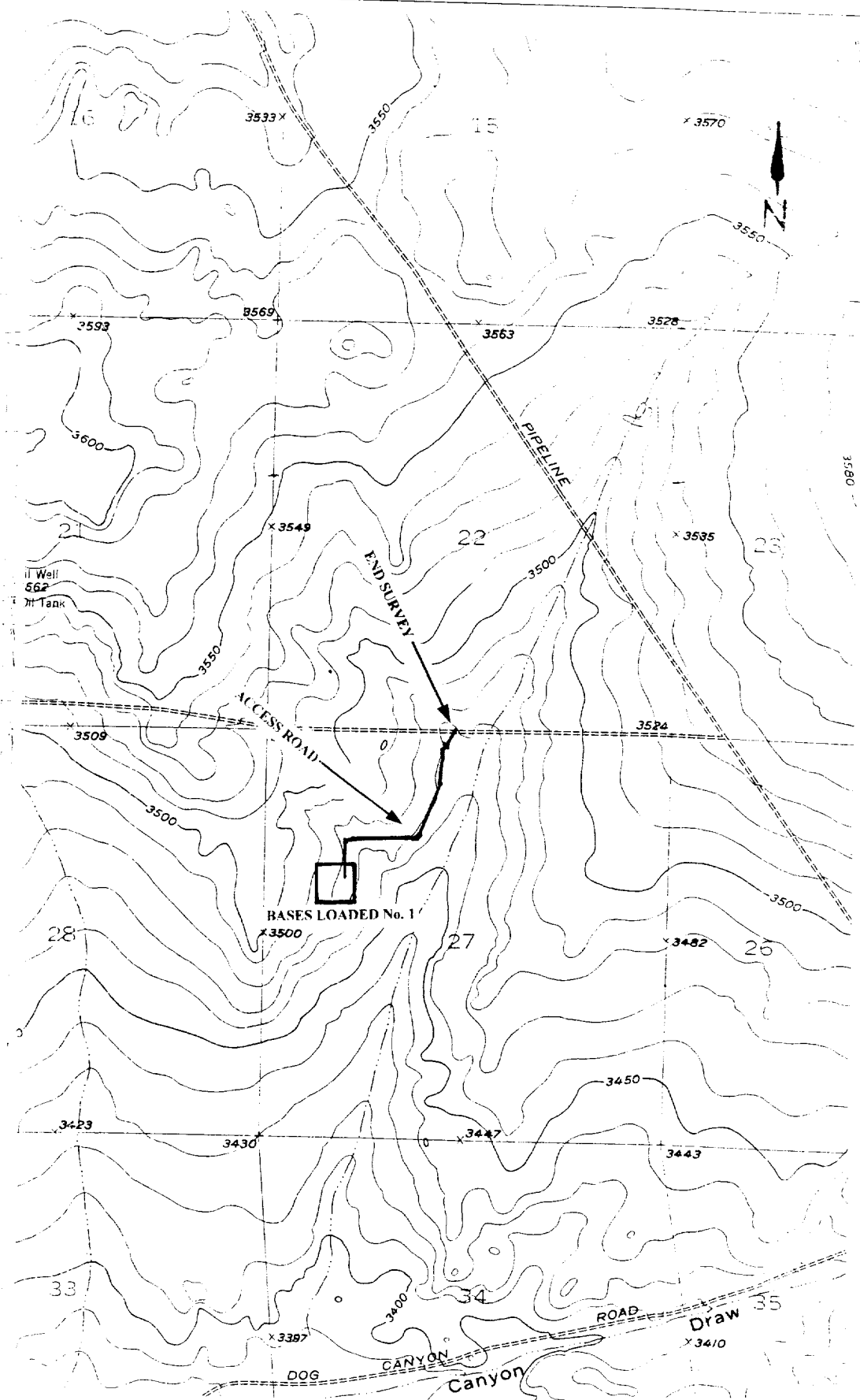


Figure 1. Proposed pad and access road for the Bases Loaded Fed. Com well No. 1 for the Bases Loaded L.P. in T 16S, R 27E, Sections 22 and 27, NMPM Eddy County, NM. Map is from USGS 7.5' Series, ARTESIA NE, NM (1955) 32104-H3