

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0136
Expires: February 28, 1995

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. NM54183	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR OXY USA Inc. 16696 16696		7. UNIT AGREEMENT NAME 24240	
3. ADDRESS AND TELEPHONE NO. P.O. Box 50250 Midland, TX 79710-0250 915-685-5717		8. FARM OR LEASE NAME WELL NO. OXY Bobcat Federal #2	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 1486' 1580 FSL 1980 FEL NWSE(J) At proposed prod. zone		9. API WELL NO. 30-015- 31809	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 7 miles southeast of Loco Hilss, NM		10. FIELD AND POOL, OR WILDCAT Turkey Track Morrow, North	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 1060'		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 19 T18S R29E	
16. NO. OF ACRES IN LEASE 303.37		12. COUNTY OR PARISH Eddy	
17. NO. OF ACRES ASSIGNED TO THIS WELL 303.37		13. STATE NM	
18. DISTANCE FROM PROPOSED* LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1752'		19. PROPOSED DEPTH 11300'	
20. ROTARY OR CABLE TOOLS R		21. APPROX. DATE WORK WILL START* 8/1/00	
22. ELEVATIONS (Show whether DF, RT, GR, etc.) 3563'		23. PROPOSED CASING AND CEMENTING PROGRAM	

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8" H40	48#	400'	360sx - Surface
12-1/4"	9-5/8" K55	36#	3000'	850sx - Surface
8-3/4"	5-1/2" N80-S95	17#	11300'	775sx - Est TOC-8000'

SEE OTHER SIDE

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED David Stewart TITLE Regulatory Analyst DATE 6/6/00

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

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:

APPROVED BY LARRY D. GRAY TITLE Assistant Field Manager, Lands And Minerals DATE MAY 28 2001

*See Instructions On Reverse Side

OXY Bobcat Federal #2
1580 FSL 1980 FEL SEC 19 T18S R29E Eddy County, NM
Federal Lease No. NM54183

PROPOSED TD: 11300' TVD

BOP PROGRAM: 0' - 400' None

400' - 3000' 13-3/8" 3M annular preventer.

3000' - 11300' 11" 5M blind pipe rams with 5M annular preventer
and rotating head below 8300'.

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

Intermediate: 9-5/8" OD 36# K55 ST&C new casing from 0-3000'

Production: 5-1/2" OD 17# N80-S95 LT&C new casing from 0-11300'
N80-9500' S95-1800'

CEMENT: Surface - Circulate cement with 160sx 35:65 POZ/C with 6% Bentonite
+ 2% CaCl_2 + .25#/sx Cello-Seal followed by 200sx Cl C with 2% CaCl_2 .

Intermediate - Circulate cement with 650sx 35:65 POZ/C with 6%
Bentonite + 2% CaCl_2 + .25#/sx Cello-Seal followed by 200sx Cl C
with 2% CaCl_2 .

Production - Cement with 700sx 15:61:11 POZ/C/CSE with .5% FL-52
+ .5% FL-25 + 8#/sx Gilsonite followed by 75sx Cl C with .7%
FL-25. Estimated top of cement is 8000'.

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' - 3000' 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.

3000' - 8300' Fresh water. Lime for pH control (9-9.5). Paper
for seepage.
Wt 8.3-8.5 ppg, Vis 28-29 sec

8300' - 10000' Cut brine. Lime for pH control (10-10.5).
Wt 9.6-10.0 ppg, Vis 28-29sec

10000' - 11300' Mud up with an Duo Vis/Flo Trol mud system.
Wt 9.6-10.0ppg, Vis 32-36sec, WL<10cc

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

DISTRICT II
811 South First, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Artesia, 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 86500	Pool Name Turkey Track Morrow, North
Property Code 24240	Property Name OXY BOBCAT	Well Number 2
OGRID No. 16696	Operator Name OXY USA INC.	Elevation 3564'

Surface Location

UL or lot No. J	Section 19	Township 18 S	Range 29 E	Lot Idn	Feet from the 1480	North/South line SOUTH	Feet from the 1980	East/West line EAST	County EDDY
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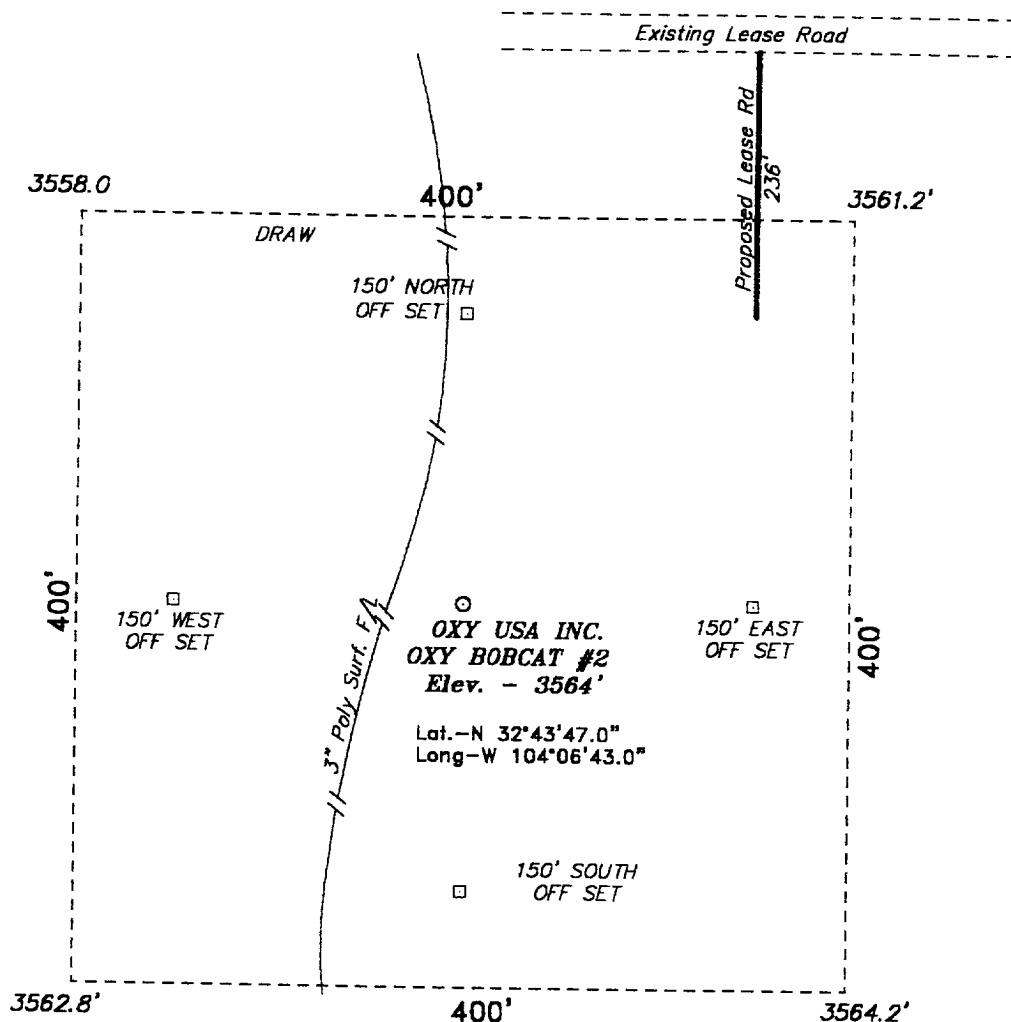
Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 303.37	Joint or Infill I	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

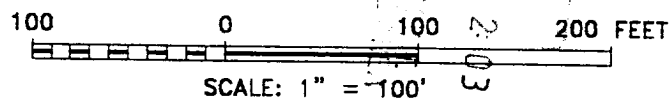
		<p>OPERATOR CERTIFICATION</p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p></p> <p>Signature</p> <p>David Stewart</p> <p>Printed Name</p> <p>Regulatory Analyst</p> <p>Title</p> <p>9/5/00</p> <p>Date</p>
<p>SURVEYOR CERTIFICATION</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>JULY 12 2000</p> <p>Date Surveyed</p> <p></p> <p>Signature of Gary L. Jones</p> <p>Professional Surveyor</p> <p>7977</p> <p>State of New Mexico</p> <p>Professional Surveyor</p> <p>7977</p> <p>Certificate No. 0384</p> <p>Basin Surveys</p>		

SECTION 19, TOWNSHIP 18 SOUTH, RANGE 29 EAST, N.M.P.M.,
EDDY COUNTY, NEW MEXICO.



Directions to Location:

FROM THE JUNCTION OF US HWY 62/180 AND CO.
RD. 605, GO EAST ON 62/180 APPROX. 1.5 MILE
TO A PROPOSED LEASE ROAD WHICH LIES 1946.1
FEET FROM THE SOUTHEAST CORNER OF THE
PROPOSED WELL LOCATION.



Oxy USA Inc.

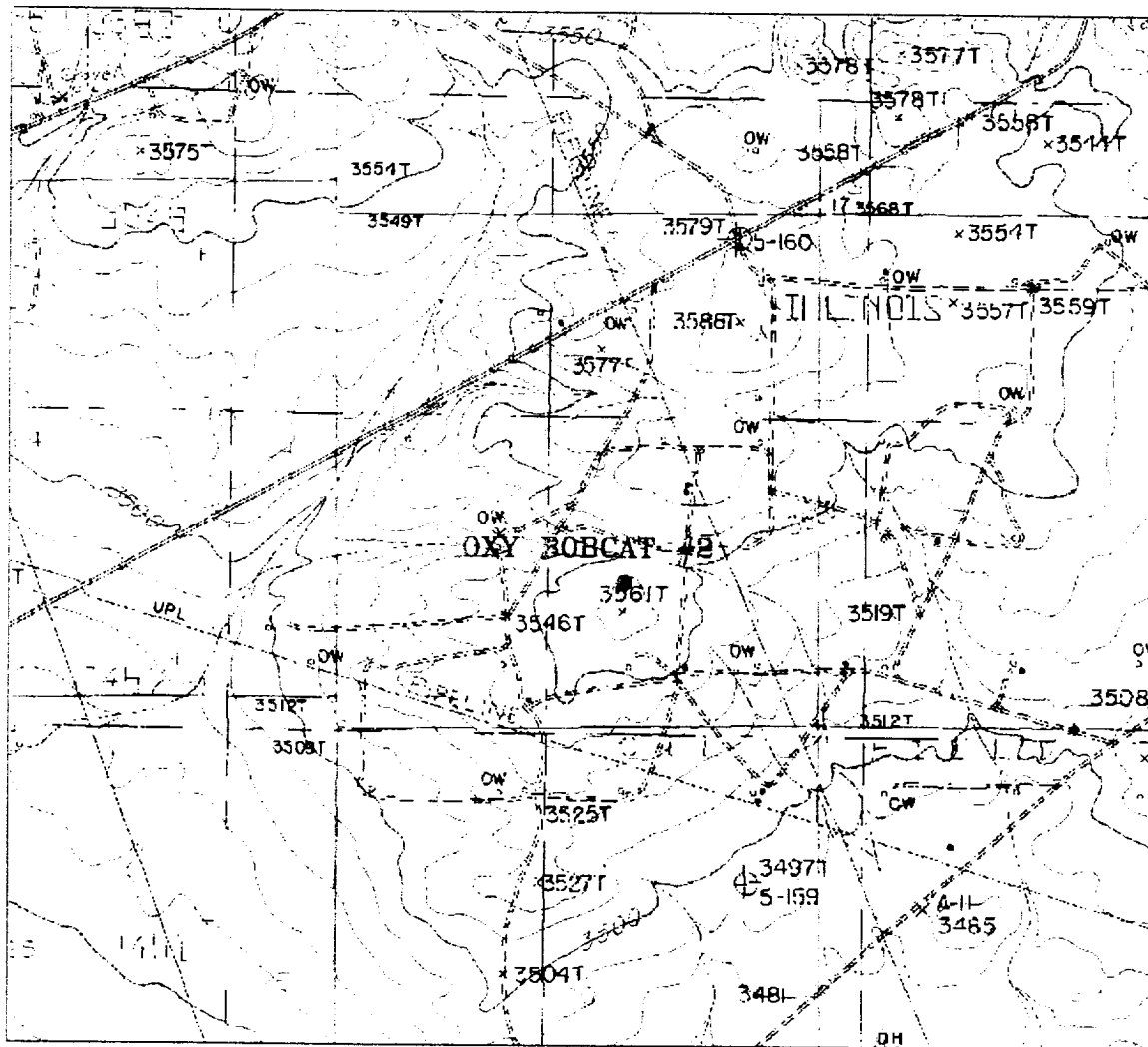
REF: Oxy Bobcat No. 2 / Well Pad Topo

THE OXY BOBCAT No. 2 LOCATED 1480' FROM
THE SOUTH LINE AND 1980' FROM THE EAST LINE OF
SECTION 19, TOWNSHIP 18 SOUTH, RANGE 29 EAST,
N.M.P.M., EDDY COUNTY, NEW MEXICO.

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

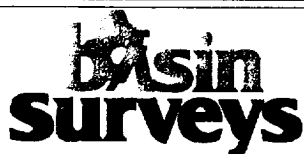
W.O. Number: 0143 Drawn By: G.SHOULTS

Date: 07-12-2000 Disk: GWS#1 - 0384A DWG



OXY BOBCAT #2

Located at 1480' FSL and 1980' FEL
Section 19, Township 18 South, Range 29 East,
N.M.P.M., Eddy County, New Mexico.



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

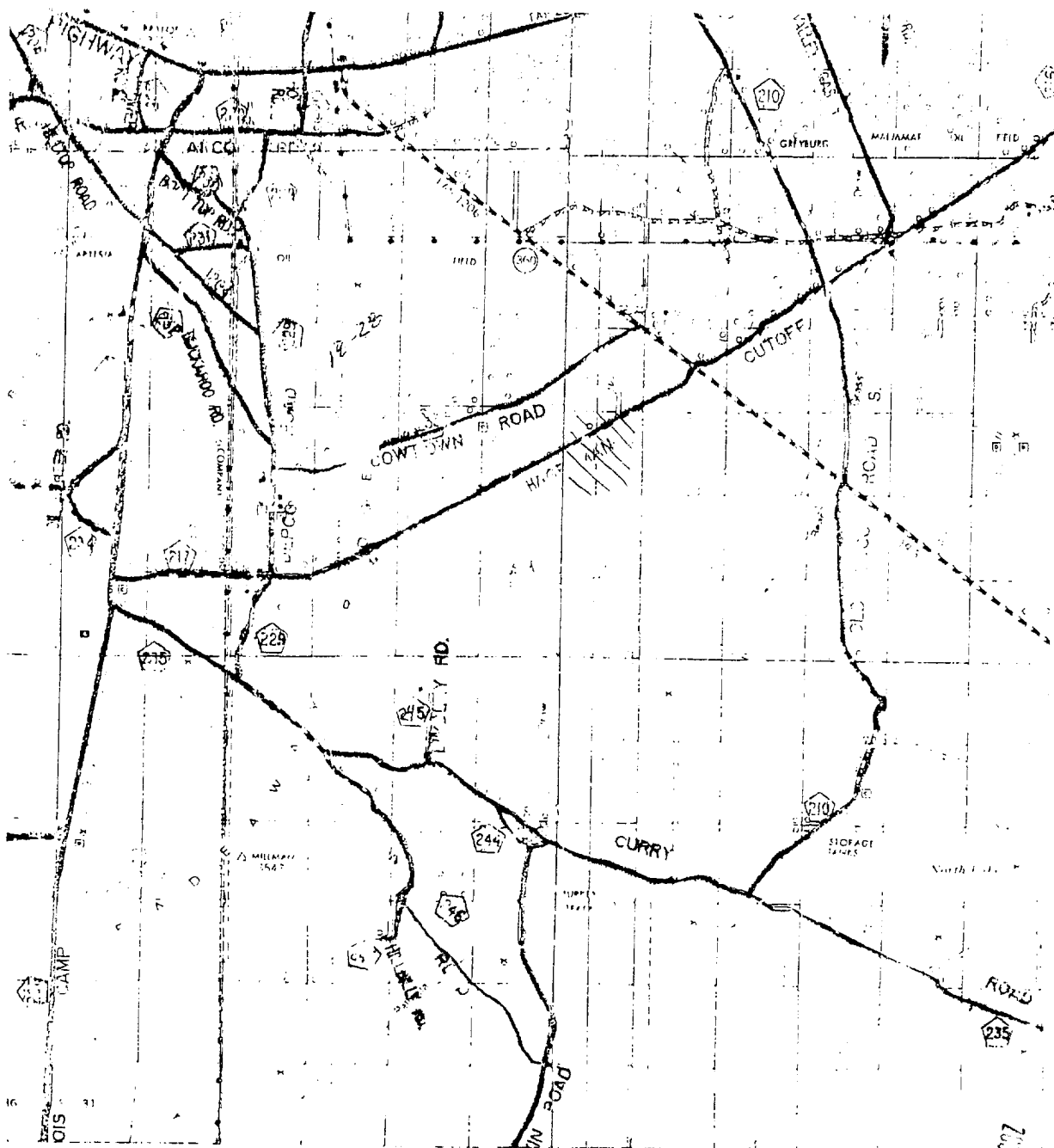
W.O. Number: 0384AA - GWS#1

Survey Date: 07-12-2000

Scale: 1" = 2000'

Date: 07-17-2000

OXY USA INC.



OXY BOBCAT #2
 Located at 1480' FSL and 1980' FEL
 Section 19, Township 18 South, Range 29 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: 0384AA - GWS #1

Survey Date: 07-12-2000

Scale: 1" = 2 MILES

Date: 07-17-2000

OXY USA INC.



OXY USA Inc.
P.O. Box 50250, Midland, TX 79710-0250

June 16, 2000

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

Re: Application for Permit to Drill
OXY USA Inc.
OXY Bobcat Federal #2
Eddy County, New Mexico
Lease No. NM54183

RECEIVED

JUN 19 2000

BLM
ROSWELL, NM

Gentlemen:

OXY USA Inc. respectfully requests permission to drill our OXY Bobcat Federal #2 located 1580 FSL and 1980 FEL of Section 19, T18S, R29E, Eddy County, New Mexico, Federal Lease No. NM54183. The proposed well will be drilled to a TD of approximately 11300' (TVD). The location and work area has been staked. It is approximately 7 miles southeast of Loco Hills, 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 April 14, 2000.
3. The elevation of the unprepared ground is 3563 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 11300' (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 11300' TVD.
7. Estimated tops of important geologic markers.

Wolfcamp	8560' TVD
Strawn	10000' TVD
Atoka	10370' TVD
Morrow	10570' TVD
8. Estimated depths at which anticipated water, oil, gas or other mineral bearing formations are expected to be encountered:

Primary Objective:	Morrow	10570' TVD
Secondary Objective:	Atoka	10370' TVD

9. The proposed casing program is as follows:

Surface: 13-3/8" 48# H40 ST&C new casing set at 400'
Intermediate: 9-5/8" 36# K55 ST&C new casing from 0-3000'
Production: 5-1/2" 17# N80-S95 LT&C new casing from 0-11300'
N80-9500' S95-1800'

10. Casing setting depth and cementing program:

- A. 13-3/8" surface casing set at 400' in 17-1/2" hole.
Circulate cement with 160sx 35:65 POZ/C w/ 6% Bentonite + 2% CaCl_2 + .25#/sx Cello-Seal followed by 200sx Class C w/ 2% CaCl_2 .

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% CaCl_2 .

- B. 9-5/8" intermediate casing set at 3000' in 12 1/4" hole.
Circulate cement with 650sx 35:65 POZ/C w/ 6% Bentonite + 2% CaCl_2 + .25#/sx Cello-Seal followed by 200sx Class C w/ 2% CaCl_2 .

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% CaCl_2 .

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

- C. 5-1/2" production casing set at 11300'. Cement with 700sx 15:61:11 POZ/C/CSE w/ .5% FL-25 + .5% FL-52 + 8#/sx Gilsonite followed by 75sx Class C w/ .7% FL-25.

Estimated top of cement is 8000'.

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

11. Pressure Control Equipment

0' - 400'	None
400' - 3000'	13-3/8" 3000# annular preventer.
3000' - 11300'	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 8300'. 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 9-5/8" 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 - 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' - 3000'	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.
3000' - 8300'	Fresh water. Lime for pH control (9-9.5). Paper for seepage. Wt. 8.3-8.5 ppg, vis 28-29 sec.
8300' - 10000'	Cut brine. Lime for pH control (10-10.5). Wt. 9.6-10.0 ppg, vis 28-29 sec.
10000' - 11300'	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 July 30, 2000. 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,



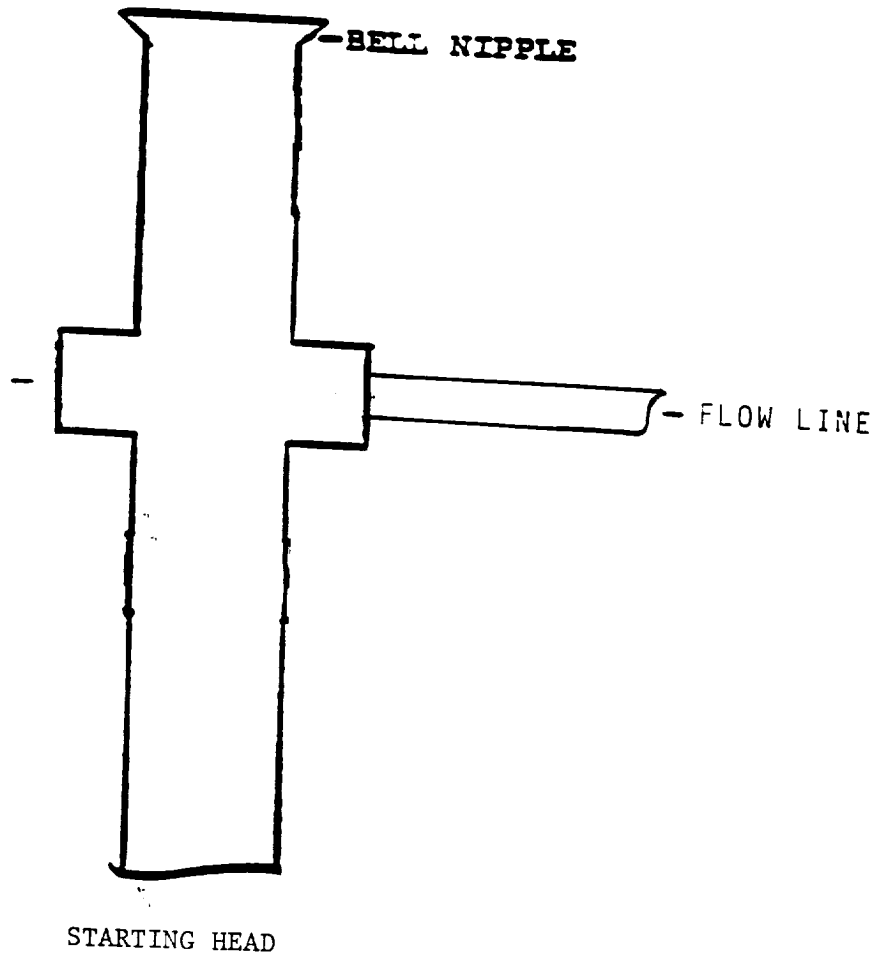
David Stewart
Regulatory Analyst
Permian Asset Group
OXY USA Inc.

DRS/drs

Attachments

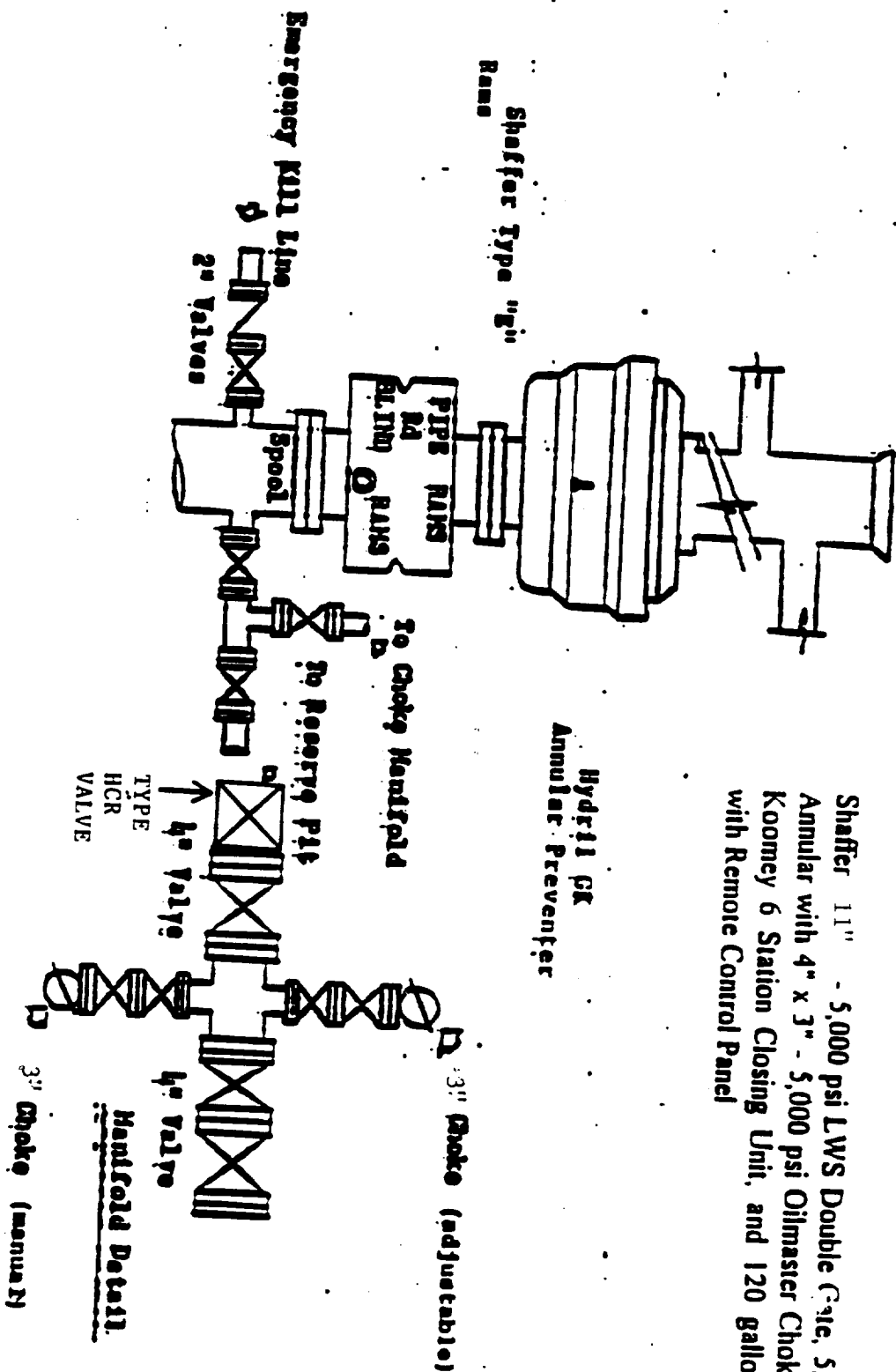
EXHIBIT A

ANNULAR PREVENTOR
TO BE USED AS DIVERTOR ONLY



BLOWOUT PREVENTOR SCHEMATIC

EXHIBIT A



Shaffer 11" - 5,000 psi LWS Double Gate, 5,000 psi Shaffer Annular with 4" x 3" - 5,000 psi Oilmaster Choke Manifold and Koomsey 6 Station Closing Unit, and 120 gallon Accumulator with Remote Control Panel

Hydril GK Annular Preventer

Shaffer Type "G" Ram

3" Choke Manifold

Emergency Kill Line

2" Valves

To Reservoir P/T

4" Valve

TYPE HCR VALVE

3" Choke (manual)

Choke Manifold

MULTI-POINT SURFACE USE AND OPERATIONS PLAN

OXY USA Inc.
OXY Bobcat Federal #2
Eddy County, New Mexico
Lease No. NM54183

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. Desert West 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 SH 360 & CR 217, go west on CR 217, 1 mile to lease road. Go southwest .4 miles on lease road, turn east about .6 miles to the proposed location.

2. Planned Access Road

- A. A new access road will built. The access road will run approximately 136' south from an existing lease road. 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 Bobcat Federal #2 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 east and the pits to the north. 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: Boegle 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 3563'.
- 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: There are no occupied dwellings within a 1 mile radius of the location.
- F. Archaeological, Historical and Cultural Sites: Cultural resources have been recorded in the area. Desert West will be engaged to make an archaeological reconnaissance of the work area.
- G. Land Use: Cattle ranching.
- 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

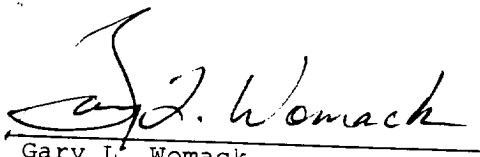
The field representative responsible for assuring compliance with the approved surface use and operations plan are as follows:

Coe Gibson, Production Coordinator
P.O. Box 69
Hobbs, New Mexico 88240
Office Phone: 505-393-2174
Home Phone: 505-390-4988

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

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 Inc. and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

6-16-2000
DATE



Gary L. Womack
Operations Engineer
915-685-5772
Permian Asset Group
OXY USA Inc.

EXHIBIT C

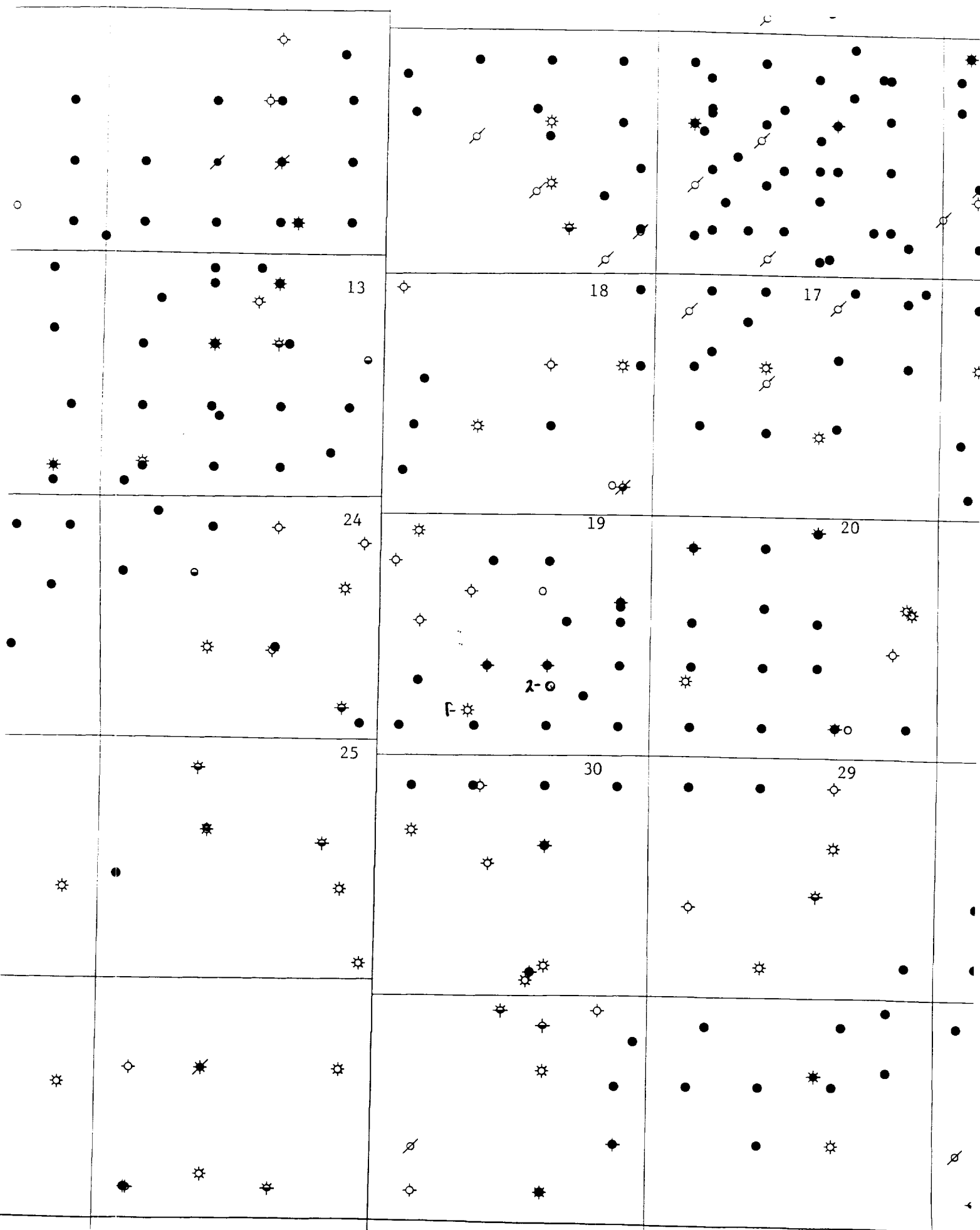
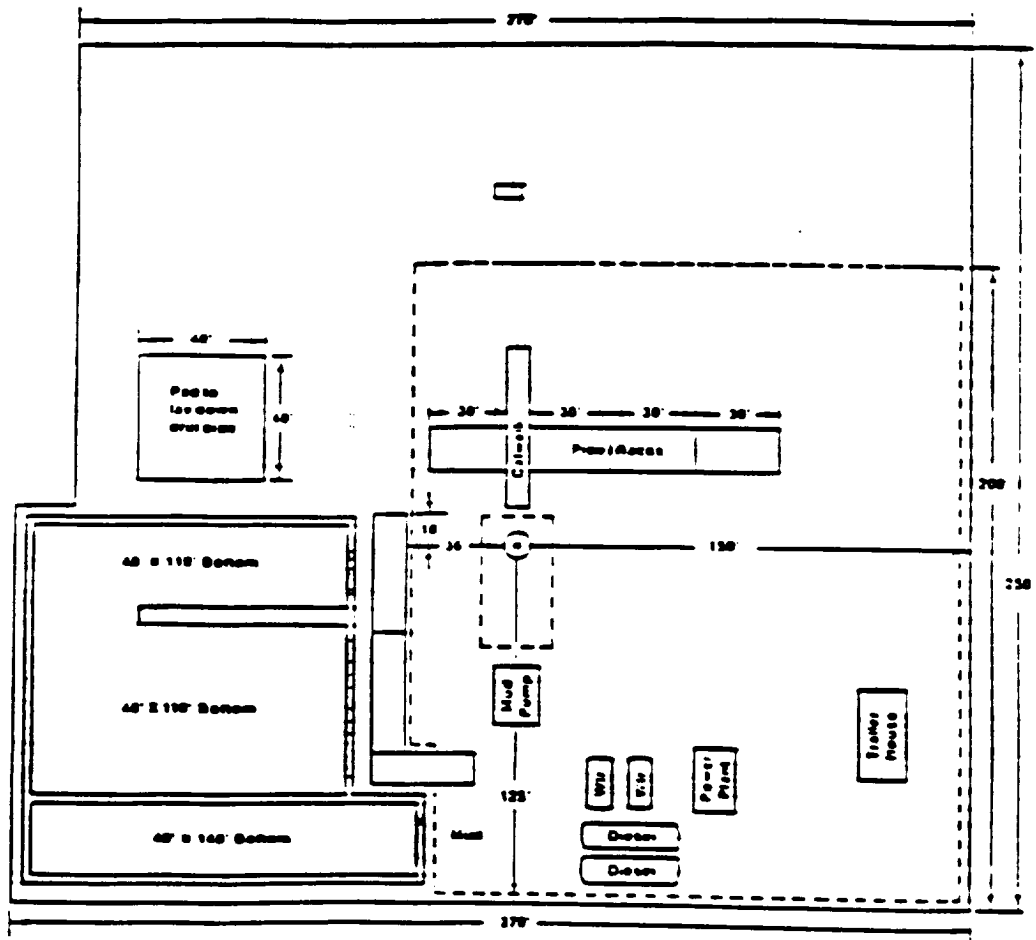


EXHIBIT D
LOCATION PLAT





Desert West

ARCHAEOLOGICAL SERVICES, INC.

May 13, 2000

Mr. Gary Womack
OXY USA, INC.
P.O. Box 50200
Midland, TX 79710

Dear Mr. Womack:

Enclosed please find your copy of Desert West Archaeological Services, Inc. (DWAS) archaeological survey report for OXY USA, INC.'s proposed Oxy Bobcat Well No. 2 (1580' FSL; 1980' FEL) and associated access road in Section 19, T18S, R29E, NMPM, Eddy County, New Mexico. This survey was conducted to evaluate any potential effect that OXY USA, INC.'s proposed Oxy Bobcat Well No. 2 (1580' FSL; 1980' FEL) and associated access road might have on the historic properties.

No cultural resources were encountered and recorded during this survey. Therefore, we are recommending that archaeological clearance be granted for this undertaking of the proposed Oxy Bobcat Well No. 2 (1580' FSL; 1980' FEL) and associated access road as presently staked. No further archaeological work should be required unless historic properties are discovered during construction.

An archaeologist at the Bureau of Land Management will review this report and decide whether or not OXY USA, INC. should proceed with this undertaking. Someone should advise you of that decision in that agency.

We appreciate this opportunity to serve you. If you have any questions, or feel that we might of additional service, please call our office.

Sincerely,



Arita Slate

Enclosure

Xc: Mr. Joe Gibson, OXY USA, INC., Hobbs, NM (1)
Mr. R.F. Fort, Landman, Midland, TX (1)
Bureau of Land Management, Carlsbad Field Office, Carlsbad, NM (2)

APPENDIX B.

TITLE PAGE/ABSTRACT/
NEGATIVE SITE REPORT
CARLSBAD FIELD OFFICE

BLM/ RDO 1/95

1. BLM Report No.	2. (ACCEPTED) (REJECTED)	3. NMCRIS No. 70361
4. Title of Report (Project Title): Archaeological survey of Oxy U.S.A. Inc.'s proposed Oxy Bobcat Well No. 2 and associated access road in Section 19, T18S, R29E, NMPM, Eddy, NM.		5. Project Date(s) 05-04-2000
		6. Report Date - 05-05-2000
7. Consultant Name & Address: Direct Charge: David Wilcox Name: Desert West Archaeological Services Address: P.O. Box 645, Carlsbad, NM 88220 Authors Name: David Wilcox Field personnel names - David Wilcox Phone (505) 887-7646		8. Permit No. 123-2920-99-U NM99-077
		9. Consultant Report No. DWAS 00-12MY
10. Sponsor Name and Address: Indiv. Responsible: Mr. Gary Womack Name: Oxy U.S.A. Inc. Address: P.O. Box 50250, Midland, TX 79701 Phone (915) 685-5742		11. For BLM Use only.
		12 ACREAGE: Total No. of acres surveyed - 3.98 Per Surface - Ownership: Federal
13. Location & Area: (Maps Attached if negative survey) <ul style="list-style-type: none"> a. State - NM b. County - Eddy c. BLM Field Office: Carlsbad d. Nearest City or town: Loco Hills, New Mexico e. Location: Section 19, T18S, R29E (access road - se/4, nw/4, se/4) Well Pad footages: 1580' FSL; 1980' FEL (nw/4, se/4) f. 7.5' Map Name(s) and Code Numbers(s): Illinois Camp NE, NM (Provisional Edition 1985 [32104-F1]). g. Area: Block: Impact: within the staked area <div style="margin-left: 40px;">Surveyed: 400' x 400'</div> <div style="margin-left: 40px;">Linear: Impact: 50' x 136'</div> <div style="margin-left: 40px;">Surveyed: 100' x 136'</div> 		

14. a. Records Search:

Location: BLM and ARMS

Date: 05-04-2000

Conducted by: David Wilcox

List by LA# All sites within .25 miles of the project:

(Those sites within 500' are to be shown on the project map)

According to these records, there is a previous linear project in the area (92-541) that encroaches the BOL of the proposed access road.

b. Description of undertaking:

Class III pedestrian survey of Oxy U.S.A. Inc.'s proposed Oxy Bobcat Well No. 2 and associated access road in Section 19, T18S, R29E, NMPM, Eddy, NM. The proposed access road starts at an existing caliche capped lease road to the north.

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

Vegetation - Assorted grasses, mesquite, prickly pear cactus, cat claw and littleleaf horsebrush.

Topography - The project lies on a loamy fluvial terrace that slopes down to the northwest. Alluvial gravels are present, and indurated caliche is prominent. The area has mesquite hummocks of low relief. Bovine trails are found throughout the proposed staked well pad location. An ephemeral drainage skirts the northern perimeter of the well location, and a surface poly pipeline bisects the well pad location.

Soils - Simona-Pajarito association: Sandy, deep soils and soils that are shallow to caliche; from wind-worked deposits.

d. Field Methods:

Transect Intervals: straight and zigzag transects, spaced not greater than 15 meters apart

Crew Size: 1

Time in Field: 1 hour total

Collections: no

Cultural Resource Findings: One isolated manifestation was encountered and recorded by this undertaking. I.M. #1 (ne/4, sw/4, nw/4, se/4) Consists of the remains of a shattered amethyst bottle (approximately 30 shards) and a crushed and rusted solder top can with the following dimensions: 4" wide x 4" high.

16. Management Summary (Recommendations):

Archaeological clearance for Oxy U.S.A. Inc.'s proposed Oxy Bobcat Well No. 2 and associated access road in Section 19, T18S, R29E, NMPM, Eddy, NM is recommended as staked.

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

Responsible Archaeologist

Signature

Date

Figure 1. Topographic map of USGS 7.5' Series Illinois Camp NE, NM (Provisional Edition 1985) showing the project area in Section 19, T18S, R29E.

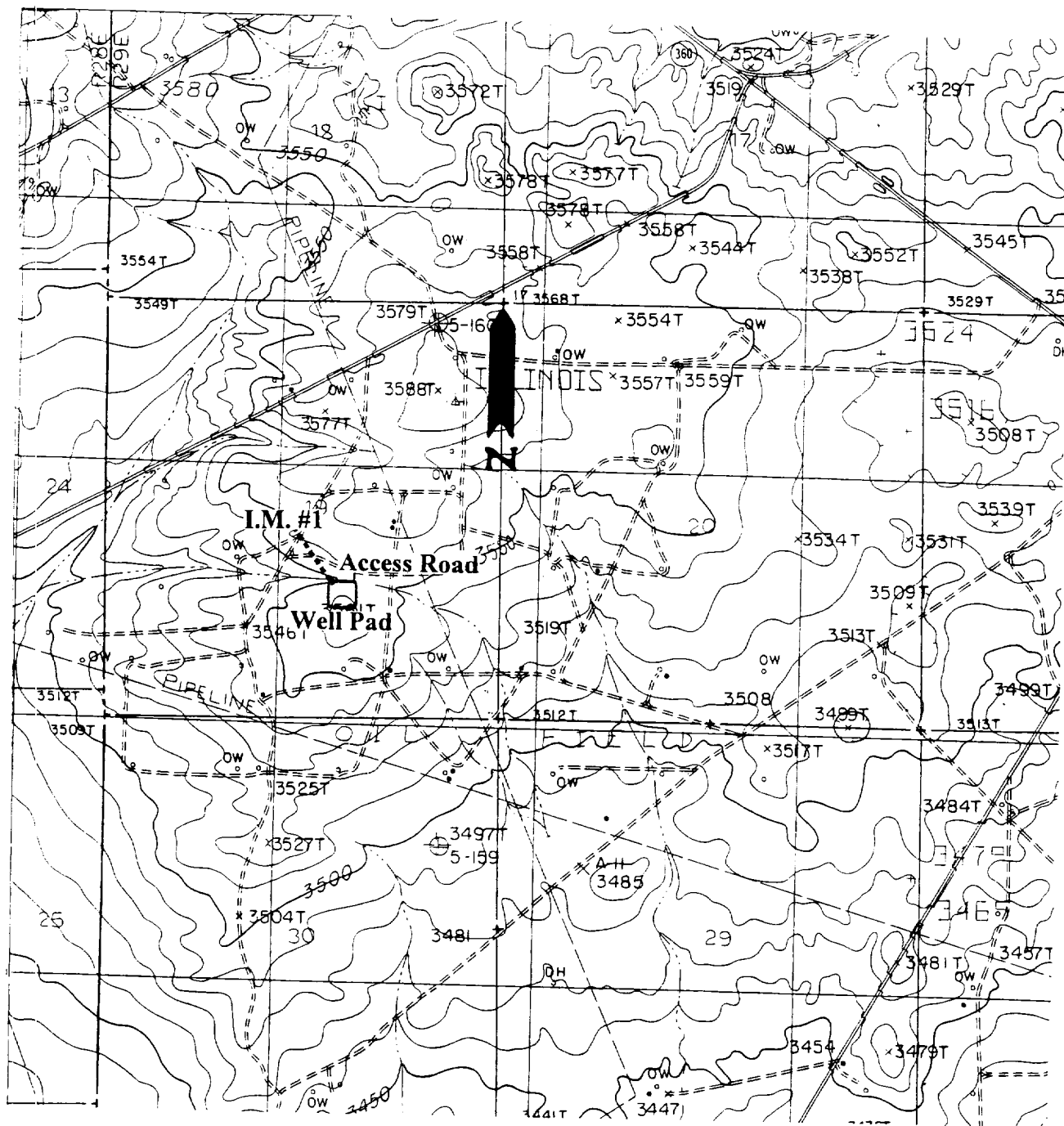


Figure 1. Showing OXY USA, INC.'s proposed Oxy Bobcat Well No. 2 (1580' FSL; 1980' FEL) and associated access road in Section 19, T18S, R29E, NMPM, Eddy County, NM. Map Reference: USGS 7.5' series, Illinois Camp NE, NM (1985 Prov. Ed.)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires July 31, 1999

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator
OXY USA INC. 16696

3a. Address
P.O. BOX 50250
MIDLAND, TX 79710-0250

3b. Phone No. (include area code)
915-685-5717

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1480 FSL 1980 FEL NWSE(J) Sec 19 T18S R29E

5. Lease Serial No.
NM54183

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement Name and/or No.

8. Well Name and No.
OXY Bobcat Federal #2

9. API Well No.
30-015-

10. Field and Pool, or Exploratory Area
Turkey Track Morrow, North

11. County or Parish, State
EDDY NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

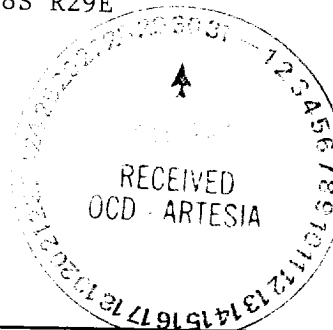
TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other AMEND APD, Move Surface Location
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Per BLM request the surface location was moved 100' south from the original location.

New Location: 1480 FSL 1980 FEL NWSE(J) Sec 19 T18S R29E

Old Location: 1580 FSL 1980 FEL NWSE(J) Sec 19 T18S R29E



14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)
DAVID STEWART

Title
REGULATORY ANALYST

Signature

Date

9/5/00

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by
/S/LARRY D. DRAKE

Title
Assistant Field Manager

Date
MAY 28 2001

Conditions of approval, if any, are attached. Approval of this notice 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.

Office
RFO

Title 18 U.S.C. Section 1001, makes 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.