

N. M. Oil Cons. Division

811 S. 1ST ST.

ARTESIA, NM 88210-2834

SUBMIT IN PLICATE*

FORM APPROVED

OMB NO. 1004-015

Expires: February 28, 1998

Form 3160-3
(July 1992)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

LEASE DESIGNATION AND SERIAL NO.

NM098808

IF INDIAN ALLOTTEE OR TRIBE NAME

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐

UNIT AGREEMENT NAME

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒OTHER ☐SINGLE
ZONE ☒MULTIPLE
ZONE ☐

24843

c. FARM OR LEASE NAME, WELL NO.

2. NAME OF OPERATOR

OXY USA Inc.

16696

OXY Viper Federal #1

9. API WELLING

30-015- 30737

3. ADDRESS AND TELEPHONE NO.

P.O. BOX 50250 MIDLAND, TX 79710-0250

915-685-5717

10. FIELD AND POOL, OR WILDCAT

Undsg. Crow Flats Morrow

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements*)

At surface ~~1950~~ FNL ~~960~~ FWL SWNW (E)At proposed prod. zone ~~2050~~ 99011. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA

Sec 3 T17S R27E

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

8 miles northeast of Artesia, NM

12. COUNTY OR PARISH 13. STATE

EDDY

NM

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

960'

16. NO. OF ACRES IN LEASE

321.53

17. NO. OF ACRES ASSIGNED
TO THIS WELL

321.53

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

N/A

19. PROPOSED DEPTH

9200'

20. ROTARY OR CABLE TOOLS

R

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

3507'

22. APPROX. DATE WORK WILL START*

8/22/99

23.

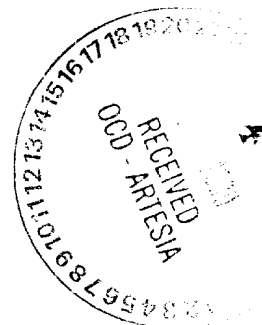
PROPOSED CASING AND CEMENTING PROGRAM

| 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 - circulate |
| 11" | 8-5/8" K55 | 32# | 1500' | 425sx - circulate |
| 7-7/8" | 4-1/2" N80 | 11.6# | 9200' | 705sx - est TOC 6000' |

WITNESS

ROSWELL CONTROLLED WATER BASIN

SEE OTHER SIDE

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHEDPost ID-1
8-22-99
API & LOCGee
4/28/99

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

TITLE

DAVID STEWART
REGULATORY ANALYST

DATE

7/22/99

(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:

(ORIG. SGD.) ARMANDO A. LOPEZ

Acting

Assistant Field Office Manager,
Lands and Minerals

APPROVED BY

TITLE

DATE

6/24/99

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1361, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false or fraudulent statement or report, or to conceal or omit any material information from any such statement or report.

ATTACHMENT 3160-3
OXY USA Inc.
OXY Viper Federal #1
SEC 3 T17S R27E
Eddy County, NM

PROPOSED TD: 9200' TVD

BOP PROGRAM: 0' - 400' None

400' - 1500' 13-3/8" 5M blind and pipe rams with 5M annular preventer.

1500' - 9200' 13-3/8" 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 400'

Intermediate: 8-5/8" OD 32# K55 ST&C new casing from 0-1500'

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

CEMENT: Surface - Circulate cement with 160sx 35:65 POZ/C with 6% Bentonite + .005#/sx Static Free + 2% CaCl₂ + .25#/sx Cello-Seal + .005gps FP-6L followed by 200sx Cl C with .005#/sx Static Free + .005gps FP-6L + 2% CaCl₂.

Intermediate - Circulate cement with 225sx 35:65 POZ/C with 6% Bentonite + .005#/sx Static Free + 2% CaCl₂ + .25#/sx Cello-Seal + .005gps FP-6L + 5#/sx Gilsonite followed by 200sx Cl C with 2% CaCl₂ + .005#/sx Static Free + .005gps FP-6L.

Production - Cement with 630sx 15:61:11 POZ/C/CSE with .005#/sx Static Free + .005gps FP-6L + .5% FL-52 + .5% FL-25 + 8#/sx Gilsonite followed by 75sx Cl C with .005#/sx Static Free + .005gps FP-6L + .7% FL-25. Estimated top of cement is 6000'.

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 8.7-9.2ppg, Vis 32-34sec

400' - 1500' Fresh water. Lime for pH control (10.0-10.5). Paper for seepage. Wt 8.3-9.0ppg, Vis 28-29sec

1500' - 6000' Fresh water. Lime for pH control (9-9.5). Paper for seepage. Wt 8.3-8.5ppg, Vis 28-29sec

6000' - 7400' Cut brine. Lime for pH control (10-10.5). Wt 9.6-10.0ppg, Vis 28-29sec

7400' - 9200' Mud up with an Duo Vis/Flo Trol mud system. Wt 9.6-10.0ppg, Vis 32-36sec, WL<10cc

ROSWELL NM
BLM
JUL 26 2008
ED

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised February 10, 1994
Instruction on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

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

☐ 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 VIPER FEDERAL | Well Number 1 |
| OGED No. 16696 | Operator Name OXY USA INC. | Elevation 3505' |

Surface Location

| | | | | | | | | | |
|--------------------|--------------|------------------|---------------|---------|-----------------------|---------------------------|----------------------|------------------------|----------------|
| UL or lot No. E | Section 3 | Township 17 S | Range 27 E | Lot Idn | Feet from the 2050 | North/South line NORTH | Feet from the 990 | East/West line WEST | County EDDY |
|--------------------|--------------|------------------|---------------|---------|-----------------------|---------------------------|----------------------|------------------------|----------------|

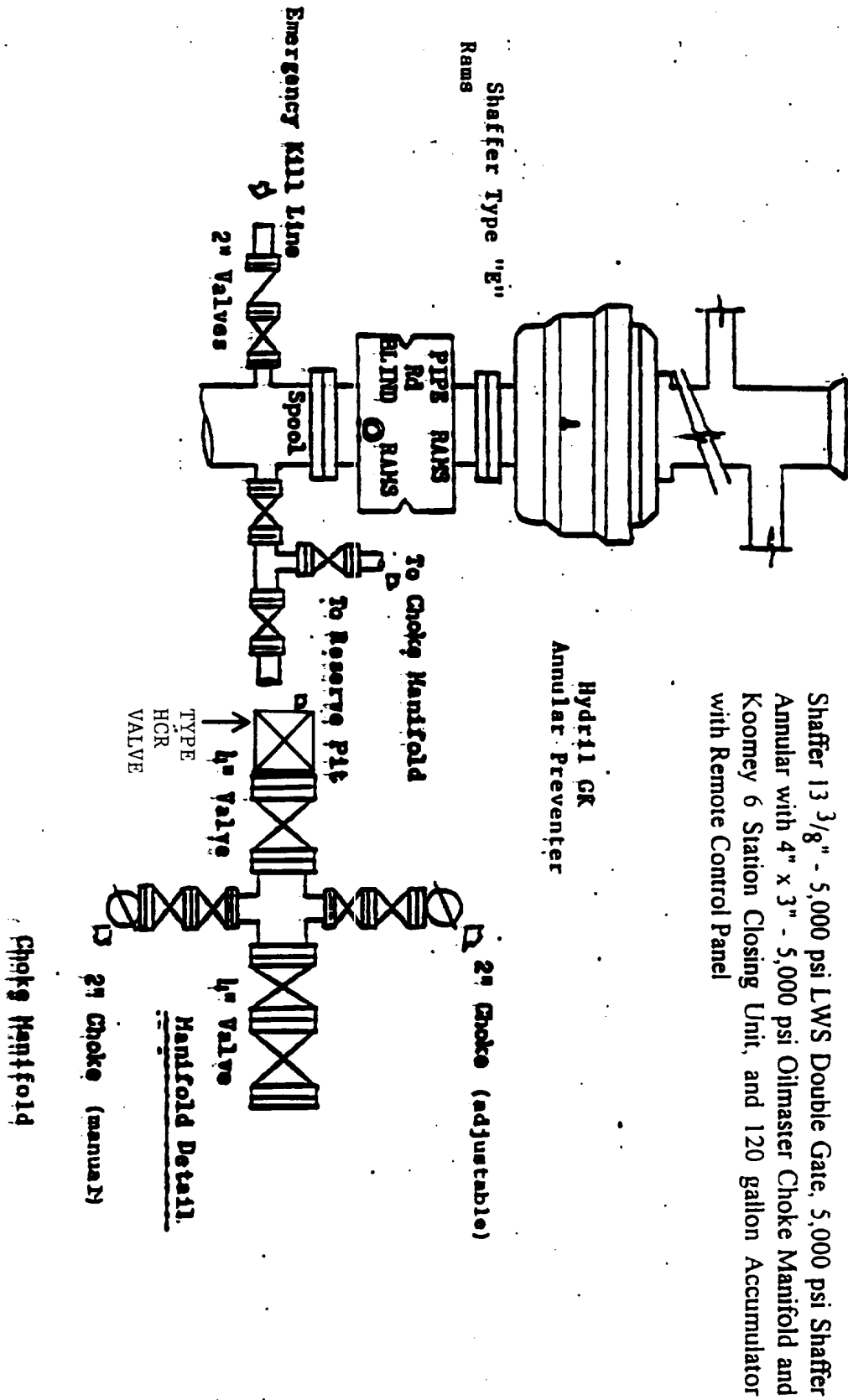
Bottom Hole Location If Different From Surface

| | | | | | | | | | |
|---------------------------|----------------------|--------------------|-----------|---------|---------------|------------------|---------------|----------------|--------|
| UL or lot No. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
| Dedicated Acres 321.53 | 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

| | | | |
|--|-------|-------|-------|
| LOT 4 | LOT 3 | LOT 2 | LOT 1 |
| <p>2050'</p> <p>3500.3' 3505.6'</p> <p>990'</p> <p>3498.1' 3498.6'</p> <p>LAT - N 32°51'58.15"</p> <p>LONG - W 104°16'16.08"</p> <p>N04°01'00"E - 5530.8'</p> <p>N06°56'00"E - 5833.7'</p> | | | |
| <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 David Stewart</p> <p>Printed Name Regulatory Analyst</p> <p>Title 8/10/99</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, 1999</p> <p>Date Surveyed</p> <p>Signature & Seal of Professional Surveyor</p> <p>W.O. No. 9251A</p> <p>Certification No. Gary L. Jones 7977</p> <p>BASIN SURVEYS</p> | | | |

BLOWOUT PREVENTOR SCHEME



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires July 31, 1996

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 <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other | | 5. Lease Serial No. NM098808 |
| 2. Name of Operator OXY USA INC. 16696 | | 6. If Indian, Allottee or Tribe Name |
| 3a. Address P.O. BOX 50250 MIDLAND, TX 79710-0250 | 3b. Phone No. (include area code) 915-685-5717 | 7. If Unit or CA/Agreement, Name and/or No. |
| 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 2050 FNL 990 FWL SWNW(E) Sec 3 T17S R27E | | 8. Well Name and No. OXY Viper Federal #1 |
| | | 9. API Well No. 30-015-30737 |
| | | 10. Field and Pool, or Exploratory Area Undsg. Crow Flats Morrow |
| | | 11. County or Parish, State EDDY NM |

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

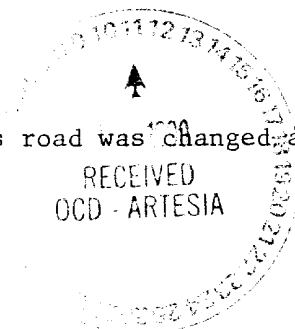
| TYPE OF SUBMISSION | TYPE OF ACTION | | | |
|--|---|---|--|---|
| <input checked="" type="checkbox"/> Notice of Intent | <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> 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 <u>Move Surface Location & Access</u> |
| | <input type="checkbox"/> Change Plans | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon | <u>Road</u> |
| | <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 recomplete 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 recompletion 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.)

NEW LOCATION: 2050 FNL 990 FWL SWNW(E) Sec 3 T17S R27E

OLD LOCATION: 1950 FNL 960 FWL SWNW(E) Sec 3 T17S R27E

The surface location was moved 100' south, 30' east and the access road was changed at the request of Barry Hunt with the BLM - Carlsbad.



| | | |
|---|--|-----------------------------|
| 14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) DAVID STEWART | | Title REGULATORY ANALYST |
| Signature | | Date 8/10/99 |

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

| | | |
|---|-------|------|
| Approved by | Title | Date |
| 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. | | |

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.

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised February 10, 1994
Instruction on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

| | | |
|-----------------------|------------------------------------|---|
| API Number 30-015- | Pool Code 75720 | Pool Name Undesignated Crow Flats Morrow |
| Property Code | Property Name OXY VIPER FEDERAL | Well Number 1 |
| OGRID No. 16696 | Operator Name OXY USA INC. | Elevation 3505' |

Surface Location

| | | | | | | | | | |
|--------------------|--------------|------------------|---------------|---------|-----------------------|---------------------------|----------------------|------------------------|----------------|
| UL or lot No. E | Section 3 | Township 17 S | Range 27 E | Lot Idn | Feet from the 2050 | North/South line NORTH | Feet from the 990 | East/West line WEST | County 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 321.53 | 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

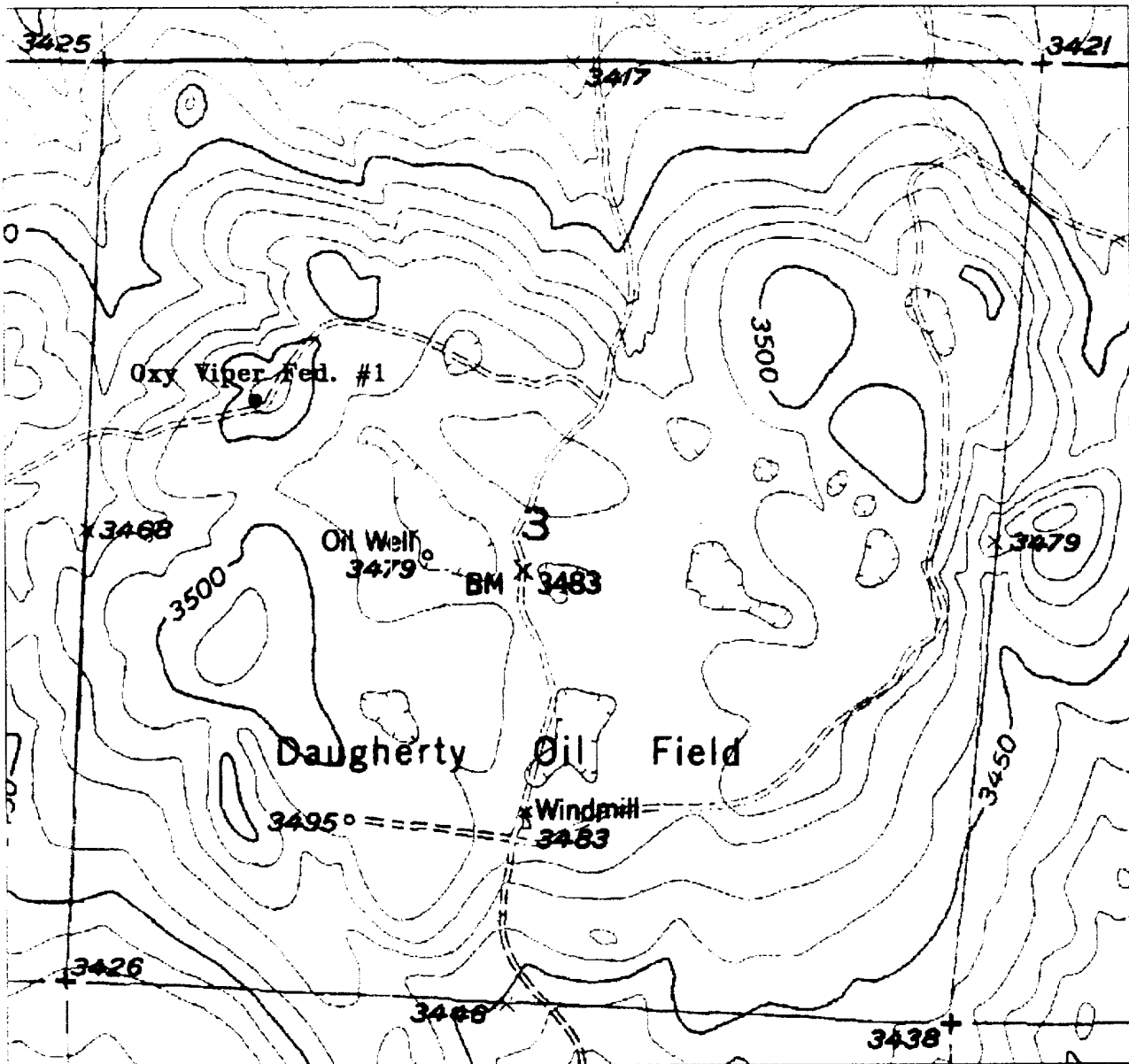
| | | | |
|--|-------|-------|-------|
| LOT 4 | LOT 3 | LOT 2 | LOT 1 |
| <p>2050'</p> <p>3500.3' 3505.6'</p> <p>990'</p> <p>3498.1' 3498.6'</p> <p>LAT - N 32°51'58.15" LONG - W 104°16'16.08"</p> <p>N04°01'00"E - 5530.8'</p> <p>N06°56'00"E - 5833.7'</p> | | | |
| <p>OPERATOR CERTIFICATION</p> <p>I hereby certify that 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 David Stewart</p> <p>Printed Name Regulatory Analyst</p> <p>Title 8/10/99</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, 1999</p> <p>Date Surveyed</p> <p>Signature & Seal of Professional Surveyor</p> <p>7977</p> <p>W.O. No. 9251X</p> <p>Certified No. Gary L. Jones 7977</p> <p>BASIN SURVEYS</p> | | | |

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

SECTION 3, TOWNSHIP 17 SOUTH, RANGE 27 EAST,
N.M.P.M., EDDY COUNTY, NEW MEXICO.

W.O. Number: 8285 Drawn By: K. GOAD

Date: 08-09-99 Disk: KJG #121 - 8285A.DWG Survey Date: 08-06-99 Sheet 1 of 1 Sheets



Oxy Viper Fed. #1

Located at 2050' FNL and 990' FWL

Section 3, Township 17 South, Range 27 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: 8285AA - KJG #121

Survey Date: 08-06-99

Scale: 1" = 1000'

Date: 8-09-99

Oxy USA Inc.