



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

**BILL RICHARDSON**

Governor

**Joanna Prukop**  
Cabinet Secretary

**Lori Wrotenbery**

Director

**Oil Conservation Division**

29 May 2003

Oxy USA  
P.O. Box 50250  
Midland, Texas 79710

RE: Oxy Bay State # 1      O-33-17-29      API 30-015-30717      Violation of Rule 201:  
Idle Well



Dear Sirs:

This second directive is to notify you that this well is still in violation of Rule 201.

On 12 February, 2003 a letter was sent notifying you on the violation of Rule 201. An inspection on 19 May, 2003 found no action had been taken.

Rule 201 of the New Mexico Oil Conservation Division provides as follows:

## 201 WELLS TO BE PROPERLY ABANDONED

201.A. The operator of any well drilled for oil, gas or injection; for seismic, core or other exploration, or for a service well, whether cased or uncased, shall be responsible for the plugging thereof. [7-12-90...2-1-96]

201.B. A well shall be either properly plugged and abandoned or temporarily abandoned in accordance with these rules within ninety (90) days after:

- (1) A sixty (60) day period following suspension of drilling operations, or
- (2) A determination that a well is no longer usable for beneficial purposes, or
- (3) A period of one (1) year in which a well has been continuously inactive.

[7-12-90...2-1-96]

**In the event that a satisfactory response is not received to this letter of direction by 28 June, 2003, further enforcement will occur. Such enforcement may include this office applying to the Division for an order summoning you to a hearing before a Division Examiner in Santa Fe to show cause why you should not be ordered to permanently plug and abandon this well. Such a hearing may result in imposition of CIVIL PENALTIES for your violation of OCD rules.**

Sincerely,

ATTN: Van Barton  
Field Rep. II

6/18/03

Please see attached. Thanks, David Stewart  
432-685-5717

Submit to Appropriate District Office  
State Lease - 6 copies  
Fee Lease - 5 copies  
District I  
1625 N. French, Hobbs, NM 88240  
District II  
811 South First, Artesia, NM 87210  
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

Form C-105  
Revised March 25, 1999

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

WELL API NO.  
30-015-30717

5. Indicate Type Of Lease  
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.  
E-537

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:  
OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER ☐

b. Type of Completion:  
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

2. Name of Operator  
OXY USA Inc.

3. Address of Operator  
P.O. Box 50250 Midland, TX 79710-0250

4. Well Location

Unit Letter 0 : 1170 Feet From The south Line and 1650 Feet From The east Line

Section 33 Township 17S Range 29E NMPM Eddy County

10. Date Spudded 12/7/99 11. Date T.D. Reached 1/2/00 12. Date Compl. (Ready to Prod.) 1/20/00 13. Elevations (DF & RKB, RT, GR, etc.) 3591' 14. Elev. Casinghead

15. Total Depth 11146' 16. Plug Back T.D. 10400' 17. If Multiple Compl. How Many Zones? 18. Intervals Drilled By 19. Producing Interval(s), of this completion - Top, Bottom, Name 10193-10212' - Strawn 20. Was Directional Survey Made Yes

21. Type Electric and Other Logs Run  
CZDL/CNL/DLL/MLL/GRL

22. Was Well Cored  
No

23. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	48#	403'	17-1/2"	516sx - Surface	N/A
8-5/8"	32#	3200'	11"	1165sx - Circulated	N/A
4-1/2"	11.6#	10318'	7-7/8"	1144sx - 3647' - CBL	N/A

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8"	10095'	10095'

26. Perforation record (interval, size, and number)

4 SPF @ 10193-200, 205-10212', Total 64 holes

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
10193-10212'	1500g 7-1/2% NeFe HCl acid + N2
10193-10212'	10000g gelled 20% NeFe HCl + CO2

28. PRODUCTION

Date First Production 1/20/00 Production Method (Flowing, gas lift, pumping - Size and type pump) Flwg Well Status (Prod. or Shut-in) Prod

Date of Test 5/31/03 Hours Tested 24 Choke Size Prod'n For Test Period Oil - Bbl. 95 Gas - MCF 660 Water - Bbl. 10 Gas - Oil Ratio

Flow Tubing Press. Casing Pressure Calculated 24-Hour Rate Oil - Bbl. 95 Gas - MCF 660 Water - Bbl. 10 Oil Gravity - API (Corr.)

29. Disposition of Gas (Sold, used for fuel, vented, etc.)  
Sold

Test Witnessed By  
G. Henrich

30. List Attachments

C-103, C-104, Dev/Dir Svy. logs

31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature David Stewart Printed Name David Stewart Title Sr. Reg Analyst Date 6/18/03

# INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

## INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

### Southeastern New Mexico

T. Anhy _____	T. Canyon _____
T. Salt _____	T. Strawn _____ 9970'
B. Salt _____	T. Atoka _____ 10240'
T. Yates _____	T. Miss _____
T. 7 Rivers _____	T. Devonian _____
T. Queen _____	T. Silurian _____
T. Grayburg _____	T. Montoya _____
T. San Andres _____	T. Simpson _____
T. Glorieta _____	T. McKee _____
T. Paddock _____	T. Ellenburger _____
T. Blinberry _____	T. Gr. Wash _____
T. Tubb _____	T. Delaware Sand _____
T. Drinkard _____	T. Bone Springs _____
T. Abo _____	T. Morrow _____ 10520'
T. Wolfcamp _____ 7903'	T. _____
T. Penn _____ 8703'	T. _____
T. Cisco (Bough C) _____	T. _____

### Northeastern New Mexico

T. Ojo Alamo _____	T. Penn. "B" _____
T. Kirtland-Fruitland _____	T. Penn. "C" _____
T. Pictured Cliffs _____	T. Penn. "D" _____
T. Cliff House _____	T. Leadville _____
T. Menefee _____	T. Madison _____
T. Point Lookout _____	T. Elbert _____
T. Mancos _____	T. McCracken _____
T. Gallup _____	T. Ignacio Otzte _____
Base Greenhorn _____	T. Granite _____
T. Dakota _____	T. _____
T. Morrison _____	T. _____
T. Todilto _____	T. _____
T. Entrada _____	T. _____
T. Wingate _____	T. _____
T. Chinle _____	T. _____
T. Permian _____	T. _____
T. Penn "A" _____	T. _____

### OIL OR GAS SANDS OR ZONES

No. 1, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 2, from \_\_\_\_\_ to \_\_\_\_\_

No. 3, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 4, from \_\_\_\_\_ to \_\_\_\_\_

### IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from \_\_\_\_\_ to \_\_\_\_\_ feet  
 No. 2, from \_\_\_\_\_ to \_\_\_\_\_ feet  
 No. 3, from \_\_\_\_\_ to \_\_\_\_\_ feet

### LITHOLOGY RECORD ( Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology	From	To	Thickness in Feet	Lithology
0	168	168	Surface Rock				
168	400	232	Halite				
400	2802	2402	Anhy. Shale, Dolo				
2802	5640	2838	Dolo. Shale, sndst				
5640	7903	2263	Lmst. dolo. shale				
7903	8703	800	Lmst. shale, chert				
8703	9970	1267	Shale, Lmst				
9970	10204	234	Lmst. chert. shale				
10204	10520	316	Shale, lmst. sndst				
10520	10994	474	Lmst. sndst. shale				
10994	11130	136	shale				

Submit 3 Copies To Appropriate District  
Office  
District I  
1625 N. French Dr., Hobbs, NM 87240  
District II  
811 South First, Artesia, NM 87210  
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

Form C-103  
Revised March 25, 1999

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

WELL API NO. 30-015-30717
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. E-537
7. Lease Name or Unit Agreement Name: OXY Bay State
8. Well No. 1
9. Pool name or Wildcat Grayburg Strawn
10. Elevation (Show whether DR, RKB, RT, GR, etc.) 3591'

SUNDRY NOTICES AND REPORTS ON WELLS  
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other	2. Name of Operator OXY USA Inc.
3. Address of Operator P.O. Box 50250 Midland, TX 79710-0250	4. Well Location Unit Letter <u>0</u> : <u>1170</u> feet from the <u>south</u> line and <u>1650</u> feet from the <u>east</u> line Section <u>33</u> Township <u>17S</u> Range <u>29E</u> NMPM County <u>Eddy</u>
11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐  
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐  
PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐  
CASING TEST AND CEMENT JOB ☐

OTHER: ☐ OTHER: Completion ☒

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompilation.

See other side/attached

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

SIGNATURE David Stewart TITLE Sr. Regulatory Analyst DATE 6/10/03

Type or print name David Stewart

Telephone No. 432-685-5717

(This space for State use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
Conditions of approval, if any:

**Attachment C-103**  
**OXY Bay State #1**

**01/07/2000** CMIC: Gibson

RDMO drlg rig. Cleaned and leveled loc. Set anchors. MIRU KES # 293. RU BA WL. Ran CCL-CBL-GR from 10288 to 3500. TOC @ 3647. Loggers TD 10288. Good bond across zone of interest. SION

**01/11/2000** CMIC: Gibson

Delivered 326 jts 2 3/8 tbg. RIH with 3 7/8 bit to 10272. RU BJ. Pumped 300 gal xylene and 500 gal 15% HCL. Circ hole with 3% KCL FW. Tested csg to 1500#. RD BJ. POOH. SION.

**01/12/2000** CMIC: Gibson

Fin POOH. RU BA WL. Perf Strawn 10293-200, 205-212. Used 3 3/8" csg gun loaded 4 jsp. RD WL. RIH with Prod assy as follows:

1	2 3/8 Baker WL entry guide	.40
1	2 3/8 tbg sub	3.95
1	2 3/8 x 1.875 F nipple	.95
1	2 3/8 tbg sub	6.03
1	2 3/8 x 4 1/2 Baker Lok Set	3.67
1	On-Off tool with 1.875 profile	1.53
318	2 3/8 4.7# 8rd EUE L-80	10076.89

Set Pkr @ 10095 with 12 pts Comp. Top profile @ 10094, bottom @ 10105. NDBOP NUWH. SION

**01/13/2000** CMIC: Gibson

SIP 0. Ru swab. Swabbed well dry in 2 hrs. Made 1 run per hr for the rest of day with no fluid entry. Had slight show gas while making swab run. SION

**01/14/2000** CMIC: Gibson

SITP 240. Bled pres to pit in 1/2 hr. Ru swab. Rec trace oil and 5 bbl wtr in 10 hrs. IFL 9100 FFS, FFL pkr. Swabbed well dry in 1 hr. Made 1 run per hr for rest of day with no fluid entry. Slight show gas. SION.

**01/15/2000** CMIC: Gibson

SITP 250#. RU BJ. Acidized well with 1500 gal 7.5 % NEFE HCL and N2. Dropped 50 ball sealers in 10 stages with good ball action. Flushed with N2. ISIP 7133, 5 min 6672, 10 min 6676, 15 min 6540. AIR 4.4 bpm. Max pres 7740, min 6600, Ave pres 7000. TBLWLTR 36. RD BJ. Opened well to pit on 8/64 choke. Rec 13 bbl load wtr in 6 hrs. Gas rate 280 mcf. FTP 20#. TBLWLTR 23. SION

**01/16/2000** CMIC: Gibson

SITP 1650. Bled pres to pit in 5 hrs. RU swab. Rec 11 bbl oil and 8 bbl wtr in 11 hrs. IFL 4000 FFS, FFL pkr. Swabbed well dry in 2 hrs and made 1 run per hr for rest of the day with 300-500 fluid entry per hr. Well had continuous 20# pres burning 6 flare. Est gas rate 280 mcf. TBLWLTR 15. Si til Monday.

**01/20/2000** CMIC: Gibson

SITP 1300#. RU BJ. Acidized well with 10000 gal gelled 20% NEFE HCL & 24 ton of CO2 in 4 stages. Dropped 3 stages of 15 ball sealers, with good ball action. ISIP 5876, 5 min 6542, 10 min 5515, 15 min 5388. Max pres 7594, Min 1600, Ave pres 6100. AIR 5.4 bpm. TBLWLTR 269. RD BJ. Opened well to tank. Recv 63 oil 44 load wtr in 19 hrs. Last hr rec 9 oil 0 wtr. FTP 600, Est gas rate 675 mcf. Will continue testing.

**01/21/2000** CMIC: Gibson

Continued flwg to tank for 2 hrs. Est gas rate 600 mcf. Si well and hooked up portable test sep. Turned through test sep on 16/64 choke holding 200# BP. Left well flwg.

**01/22/2000** CMIC: Gibson

Well flwd 46 oil 30 wtr in 24 hrs. FTP 800. LP 200. Gas rate 476 mcf. RD PU.

**01/25/2000** CMIC: Gibson

Well flwd 36 oil 49 wtr in 24 hrs. Gas rate 337. FTP 280, LP 80. 16/64 choke. All load wtr rec.

**01/26/2000** CMIC: Gibson

Well flwd 29 oil 2 wtr in 24 hrs. Gas rate 228 mcf. FTP 125, BP 40. 18/64 choke.

**Attachment C-103**  
**OXY Bay State #1**

**01/28/2000** CMIC: Gibson

MIRU swab unit. Rec 9 oil 5 wtr in 5 hrs. IFL 400 FFS, FFL 1800 FFS, FTP had went from 40# to 120#. Lest well flwg.

**01/29/2000** CMIC: Gibson

FTP 150#. LP 80#. Bled tbq. Ru swab. Rec 16 oil and 14 wtr in 11 hrs. IFL 2800 FFS, FFL 9000 FFS. Put well to gas sales. SD til Monday.

**01/30/2000** CMIC: Gibson

Well flwd 7 oil 27 wtr in 24 hrs. Gas rate 338 mcf. FTP 140, LP 40. 18/64 choke.

**01/31/2000** CMIC: Gibson

Well flwd 4 oil 0 wtr in 24 hrs. Gas rate 96 mcf. FTP 125. LP 40. 18/64 choke.

**02/01/2000** CMIC: Gibson

Well was dead. RU swab. Rec 29 oil 4 wtr in 11 hrs. IFL 8200 FFS, FFL 9000 FFS. Left well open to test tank. SDON

**02/02/2000** CMIC: Gibson

Ru Pro WL. RIH with BHP bombs. Left well open to test tank.

**02/03/2000** CMIC: Gibson

Well flwd 0 fluid and 83 mcf gas in 24 hrs. FTP 90, BP 40 17/64 choke. Opened to 17.5/64 choke. Left well opened to test tank.

**02/04/2000** CMIC: Gibson

Well flwd 0 fluid in 24 hrs. Gas rate 15 mcf. FTP 50#. BP 40#. Flwg well with bhp bombs in hole.

**02/05/2000** CMIC: Gibson

Well flwd 0 fluid and 15 mcf gas in 24 hrs. FTP 50. BP 40.

**02/06/2000** CMIC: Gibson

Well flwd 0 oil 0 wtr in 24 hrs. Gas rate 44 mcf. Gas rate 60 mcf. BP 40. Si well for 96 hr build-up.

**02/10/2000** CMIC: Gibson

POOH with BHP bombs. Left well Si.

**04/05/2000** CMIC: Gibson

SITP 1000#. MIRU PU. Bled pres. Kill well with 50 bbl 3% KCL FW. NDWH NU BOP. Released pkr. POOH. RIH with wl entry guide, 2 3/8 sn, 322 jts 2 3/8 tbq. Bottom tbq @ 10210. NDBOP NUWH. SI well will install plunger lift. RDPU.

**04/06/2000** CMIC: Gibson

MIRU swab unit. Rec 30 oil 76 wtr in 8 hrs. IFL 1200 FFS. FFL surface and scattered. Well flwg for 1/2 hr after each run. SION

**04/07/2000** CMIC: Gibson

SITP 850#. SICP 1750#. Bled pres. Ru swab. Rec 15 oil 20 wtr in 6 hrs. IFL 1200 FFS. Well started flwg. Final FTP 60. SION

**04/11/2000** CMIC: Gibson

SITP 1200#. SICP 1850#. Installed PLSI plunger lift. Dropped plunger. Plunger made 3 trips rec 23 bbl fluid. Left well on plunger lift.

**04/12/2000**

Well produced 55 BO and 17 BW in 7 plunger runs. Last 2 runs were 100% oil.

**04/13/2000**

Set rental test sep. Opened well to sep. Plunger set to flow 1.5 hrs. SI 1/2 hr. Each plunger run made 8 bbl fluid with 80% oil cut. Initial gas flow rate 965 mcf, ending rate 700 mcf. Left well open to test sep.

**04/19/2000** CMIC: Hobbs

Had to adjust plunger. Well tested 10 BO, 3 BW, 25 mcf on plunger lift in 24 hours. FTP-130.

**04/20/2000** CMIC: Hobbs

Had to adjust plunger. Well tested 5 BO, 2 BW, 28 mcf on plunger lift in 24 hours. 5 runs w/ 100# FTP.

**04/21/2000** CMIC: Hobbs

Well flwd 8 oil 0 wtr in 24 hrs. Gas rate 33 mcf. Plunger made 17 trips.

**04/22/2000** CMIC: Hobbs

Well flwd 10 oil 2 wtr in 24 hrs. Gas rate 70 mcf. Plunger made 11 trips.

**04/23/2000** CMIC: Hobbs

Well flwd 10 oil 0 wtr in 24 hrs./ Gas rate 68 mcf. Plunger made 11 trips.

**04/24/2000** CMIC: Hobbs

Well flwd 3 oil 5 wtr in 24 hrs. Gas rate 39 mcf. Plunger made 11 trips. Will switch plunger from spiral to cup type.

**04/25/2000** CMIC: Hobbs

Well flwd 8 oil 0 wtr in 24 hrs. Gas rate 39 mcf. Will change plunger to cup type.

**04/26/2000** CMIC: Hobbs

Well flwd 5 oil 2 wtr in 24 hrs. Gas rate 18 mcf. Open choke.

**04/27/2000** CMIC: Hobbs

Well flwd 20 oil 2 wtr in 24 hrs. Gas rate 48 mcf. Tbg pres 150# buildup between plunger runs.

**04/29/2000** CMIC: Hobbs

Well flwd 10 oil 2 wtr in 24 hrs. Gas rate 50 mcf.

**04/30/2000** CMIC: Hobbs

Well flwd 0 fluid and 50 mcf gas in 24 hrs.

**05/01/2000** CMIC: Hobbs

Well flwd 0 fluid and 31 mcf gas in 24 hrs.

**05/02/2000** CMIC: Hobbs

Well flwd 7 oil 0 wtr in 24 hrs. Gas rate 23 mcf.

**05/03/2000** CMIC: Hobbs

Well flwd 6 oil 2 wtr in 24 hrs. Gas rate 32 mcf.

**05/04/2000** CMIC: Hobbs

Well flwd 5 oil 2 wtr in 24 hrs. Gas rate 33 mcf. Dropped cup type plunger, SIW pending engr. eval.

**04/01/2003** CMIC: gary henrich

road unit & crew to loc., spot & rig up swab unit #302, sitp 2000#, sicp 2000#, open tbg. to tank on 15/64" choke, rec. 47 bo, 0 bw in 5 hrs., fftp 500# on f/o choke, fsicp 1440#, sisd.

**04/02/2003** CMIC: gary henrich

sitp 1500#, sicp 1850#, open well to tank on 10/64" choke, rec. 52 bo, 0 bw in 9 hrs., fftp 950# on 24/64" choke, rate 3200 mcf, fsicp 1200#, sisd!

**04/03/2003** CMIC: gary henrich

sitp 1420#, sicp 1700#, leave well si, rig swab unit down, clean loc., move off loc.

**05/31/2003** Put well on line and test for 95 BO 10 BW 660 MCF