

Submit to Appropriate District Office

State Lease

Fee Lease - 50 copies

District I

1625 N. Fresno, NM 88240

District II

1301 W. G. Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

Form C-105

Revised June 10, 2003

WELL API NO.

30-015-34745

5. Indicate Type Of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

648-74

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 ☐

7. Lease Name or Unit Agreement Name

OXY Senita State

2. Name of Operator

OXY USA WTP Limited Partnership

192463

8. Well No.

1

3. Address of Operator

P.O. Box 50250 Midland, TX 79710-0250

9. Pool name or Wildcat

Undsg. Millman Morrow, South

4. Well Location

Unit Letter E : 1540 Feet From The north Line and 1070 Feet From The west Line

Section 4

Township 19S

Range 28E

NMPM

Eddy

County

10. Date Spudded

9/24/06

11. Date T.D. Reached

10/28/06

12. Date Compl. (Ready to Prod.)

12/1/06

13. Elevations (DF & RKB, RT, GR, etc.)

3553'

14. Elev. Casinghead

15. Total Depth

11220'

16. Plug Back T.D.

11183'

17. If Multiple Compl. How Many Zones?

18. Intervals Drilled By

Rotary Tools

X

Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name

10755-10928' Morrow

20. Was Directional Survey Made

No

21. Type Electric and Other Logs Run

CZDL/DSL/DLL/MLL/CNL/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#	450'	17-1/2"	770sx-Surf-Circ	N/A
9-5/8"	36#	3020'	12-1/4"	850sx-Surf-Circ	N/A
5-1/2"	17#	11220'	8-3/4"	1275sx-TOC-4930'-CBL	N/A

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8"	10701'	10681'

25. TUBING RECORD

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

2 SPF @ 10755-761, 10867-892, 10920-10928'
Total 84 holes

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED

28. PRODUCTION

Date First Production 12/1/06		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing					Well Status (Prod. or Shut-in) Prod	
Date of Test 12/9/06	Hours Tested 24	Choke Size 13/64	Prod'n For Test Period	Oil - Bbl. 12	Gas - MCF 3025	Water - Bbl. 2	Gas - Oil Ratio	
Flow Tubing Press. 1754	Casing Pressure	Calculated 24- Hour Rate	Oil - Bbl. 12	Gas - MCF 3025	Water - Bbl. 2	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, Deviation Report, 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

Printed

David Stewart

Title Sr. Reg Analyst

Date 12/15/06

E-mail address

david.stewart@oxy.com

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		Northeastern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt	T. Strawn 9896'	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt	T. Atoka 10170'	T. Pictured Cliffs	T. Penn. "D"
T. Yates	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinebry	T. Gr. Wash	T. Morrison	T.
T. Tubb	T. Delaware Sand	T. Todilto	T.
T. Drinkard	T. Bone Springs	T. Entrada	T.
T. Abo	T. Morrow 10515'	T. Wingate	T.
T. Wolfcamp 8486'		T. Chinle	T.
T. Penn	T.	T. Permian	T.
T. Cisco (Bough C)	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	533	533	Halite				
533	1622	1089	anhyd, dolom				
1622	3526	1904	dolom, shale, sandst				
3526	8436	4910	lmest, sandst, shale				
8436	8912	476	lmest, shale				
8912	9506	594	lmest, shale, chert				
9506	9896	390	lmest, shale				
9896	10170	274	lmest, chert, shale				
10170	10515	345	lmest, sandst, shale, chert				
10515	11014	499	sandst, lmest, chert, shale				
11014	11173	159	shale				

30-015-34745-00-00

OXY SENITA STATE No. 001

Company Name: OXY USA WTP LIMITED PARTNERSHIP**Location:** Sec: 4 T: 19S R: 28E Spot:**String Information**

Lat: 32.6926057350432 Long: -104.185781713693

Property Name: OXY SENITA STATE**County Name:** Eddy**Cement Information****Perforation Information**

Top (ft sub)	Bottom (ft sub)	Shts/Ft	No Shts	Dt Sqz
0	0			
10755	10928			

Formation Information

St Code	Formation	Depth
Pyts	Yates	654
Psr	Seven Rivers	1020
Psrbs	Bowers Sand	1410
Pqu	Queen	1622
Pbs	Bone Spring	3528
Pbs3sd	3rd Bone Spring Sand	8132
Pwc	Wolfcamp	8486
Ppund	Pennsylvanian	9368
PPst	Strawn	9897
Ppat	Atoka	10168
Ppmor	Morrow	10515

Hole: Unknown

TD:

TVD: 11220

PBD:

Submit 3 Copies To Appropriate District
Office
District I
1625 N. French Dr., Hobbs, NM 87240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
May 27, 2004

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-015-34745
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. 648-74
7. Lease Name or Unit Agreement Name: OXY Senita State
8. Well Number 1
9. OGRID Number 192463
10. Pool name or Wildcat Undsq. Millman Morrow. South

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	11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3553'
2. Name of Operator OXY USA WTP Limited Partnership	
3. Address of Operator P.O. Box 50250 Midland, TX 79710-0250	
4. Well Location Unit Letter <u>E</u> : <u>1540</u> feet from the <u>north</u> line and <u>1070</u> feet from the <u>west</u> line Section <u>4</u> Township <u>19S</u> Range <u>28E</u> NMPM County <u>Eddy</u>	

Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/>
Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____
Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____

12. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPLETION <input type="checkbox"/>
OTHER: <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
CASING TEST AND CEMENT JOB <input type="checkbox"/>	
OTHER: Completion <input checked="" type="checkbox"/>	

13. 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 recompletion.

See Attachment

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐ , a general permit ☐ or an (attached) alternative OCD-approved plan ☐

SIGNATURE David Stewart TITLE Sr. Regulatory Analyst DATE 12/15/06
E-mail address: david_stewart@oxy.com
Type or print name David Stewart Telephone No. 432-685-5717

For State Use Only

FOR RECORDS ONLY

APPROVED BY _____ TITLE _____ DATE _____
Conditions of Approval, if any:

OXY SENITA STATE #1

11/07/2006 CMIC: henrich

hold safety meeting, set in mating boards, miru aries pulling unit #33, miru key reverse unit (Gary Carr), nu 5m hyd. bop, unload, rack & tally 356 jts. 2 3/8" L-80 tbg., rih w/4 3/4" bit on 283 jts. 2 3/8" tbg., tag @ 7998', ru power swivel, test csg. to 1000# (OK) drill out cmt. to 8005', tag dv tool, drill dv tool, chc, test csg. to 1500# (OK), sisd!

11/08/2006 CMIC: henrich

SIP, 0psi. Run 58 jts 2 3/8" tbg. Tag @ 10,787', (386' of fill above FC) Drill cmt from 10,787' to 11,170'. String torqued up for a minute @ 11,170', but kept drilling cmt. Drilled to 11,183' and discontinued drilling. Never noticed FC. Test to 1500psi. Tested ok. Displace hole with 260 bbls of 6% kcl claystay pkr fluid. Trip out with 354 jts 2 3/8" tbg and bit. Start in hole with same bit, 5 1/2" csg scraper, SION.

11/09/2006 CMIC: henrich

hold safety meeting, 0# sip, finish rih w/bit & scraper to pbt 11,183' (work scraper thru dv tool several times to wipe it out), pooh, miru halliburton wl, rih w/logging tools, tag pbt & correlate to open hole log dated 10-25-2006, wl pbt 11,170', run cmt. bond log from pbt to 6930', found est. top of cmt. @ 4930' while going in hole, had good cmt. from pbt to 7708', fair to poor cmt. from 7708 to 4930', pooh, rd wl, sisd!

11/10/2006 CMIC: henrich

SIP 0psi, Run TCP guns, mech release, vent, tbg sub, profile nipple, Hornet pkr. on-off tool, 1jt tbg, sliding sleeve, 1jt tbg, tbg sub, 334 jts 2 3/8" tbg. 10' & 12' tbg subs, and 1jt tbg. RU. Halliburton, correlate to open hole log. Set pkr with top @ 10681'. Pressure up csg to 500psi. Release pressure. ND BOP, NU tree. SION.

11/11/2006 CMIC: henrich

Sip 0psi. Drop Bar., perforate morrow 10,755'-61', 10,867'-92', 10,920'-28' w/2 spf, 84 holes, Fluid to surface in 8 1/2 min. @ 9:10am, 500psi on 32/64 choke. Unloading water, csg on vacuum. 9:30am FTP 2300# on 32/64. Continue flow well to test tank, recover 51 bbls water in 5 hours, Final FTP 2900# on 14/64 choke. est rate 3236.4 mcf. Gas buster on test tank froze. Blew end out of gas buster. Shut in for weekend for tank repair.

11/14/2006 CMIC: henrich

SITP 2900psi, SICP 1400psi. Rig pro wireline up. Run bottom hole pressure bombs, pull out of hole, run blanking plug and set in 1.87 profile nipple. SITP 3150psi. SICP 1475psi. Blow csg down to 0psi in 45 min. and tbg press. dropped to 1450psi. Blow tbg pressure down. Pump 53 bbls, tbg did not load. Run slick line to close sliding sleeve. (Found fluid level in tbg with slick line @ 4400') Pump 62 bbls and caught pressure. Pump into leak 2 bbl/min. @ 800psi. kick pump out and tbg goes on instant vacuum. SION.

11/15/2006 CMIC: henrich

hold safety meeting, sitp vac., sicp 150#, leave press. on csg., ru swab, rec. 85 bw in 10 hrs., ifl 200' fs, ffl 5500' fs, no gas, no oil, sisd!

11/16/2006 CMIC: henrich

hold safety meeting, sip 0#, nd tree, nu bop, release on/off tool & pooh w/1 jt. 2 3/8" tbg. & 22' of pup jts. & well came in flowing up the csg., well flowed back 42 bw in 5 min., shut csg. in & tbg. started flowing, si, satnd by for 10# brine kill fluid & slickline truck to tag & see if pkr. turned loose or if plug blew out of pkr., could not get slickline till am sisd! (2150# sicp, 1250# sitp)

11/17/2006 CMIC: henrich

hold safety meeting, sicp 2300#, sitp 1850', miru pro slickline truck, rih w/1.9" gauge ring, tag @ 10,543' (top of marker sub) pooh, rih w/1.5" sinker bar & tag in same spot, try to work thru w/no success, pooh, ri w/impression block, tag & pooh, block showed top of blanking plug, rih w/pulling tool, fish eq prong, pooh, redress tool & rih, latch onto plug body, jar loose & pooh, rec. all of plug, rd pro, kill well w/215 bbls. of 10# brine, rih w/22' of pup jts. & 1 jt. of tbg., latch onto pkr., nd bop, nu tree, sisd!

11/18/2006 CMIC: henrich

hold safety meeting, sicp 20#, sitp 500#, bleed tbg. down, ru swab, make 4 swab runs & kick well off flowing, flow well to tank & pit for 1 hr. & had to shut well in for safety & environmental reasons, fftp 2000# on 14/64" choke, fsicp 60#, rig unit down, clean loc., move off loc., miru weatherford test unit, open well to test unit @ 10:00 pm, sitp 2675#, sicp 1190#, tbg. bled down to 0# in 1 hr., hook up csg. to test unit, bled csg. down to 20# & well started kicking, con't to flow well out the csg., sitp @ report time 0#, fcp 2250 on 16/64" choke, rec. 5 bo, 96.5 bw in 6 hrs.

11/19/2006 CMIC: henrich

flow well up the csg. for 6 hrs. & switch to tbg., ffc 2400#, fsitp 1200#, open tbg. to tank on 16/64" choke, con't to flow well to tank, rec. 32.5 bo, 67.9 bw, 4318.5 mcf gas in 24 hrs., fftp 2500# on 16/64" choke, fsicp 2400#, con't flowback.

11/20/2006 CMIC: henrich

ftp 2500#,sicmp 2500#,flow well to tank for 24 hrs.,rec. 34.5 bo,6 bw,4193.6 mcf gas,fftp 2400#,fsicmp 2000#,si,rig down all equip.,release all equip.

11/21/2006 CMIC: henrich

hold safety meeting,miru pro slickline truck,rih w/gun release tool & release guns & chase to bottom,top of gun release now @ 10,980',pooh,change tools to sleeve shifting tool & rih,engage sliding sleeve & work shifting tool several times,sleeve appears to be fully open,pooh,rd pro,sisd.(will leave well si untill facilities are ready)

12/02/2006 CMIC: henrich

Oil - 12 Wtr - 10 Gas - 2005 Rate - 4412 FTP - 2393 LP - 44 CP - 2527 Choke - 13/64

12/03/2006 CMIC: henrich

Oil - 21 Wtr - 3 Gas - 3386 Rate - 3936 FTP - 2358 LP - 39 CP - 2454 Choke - 13/64

12/06/2006 CMIC: henrich

Oil - 23 Wtr - 3 Gas - 3381 Rate - 3293 FTP - 1916 LP - 34 CP - 2012 Choke - 13/64

12/07/2006 CMIC: henrich

Oil - 10 Wtr - 3 Gas - 3381 Rate - 3130 FTP - 1831 LP - 34 CP - 1923 Choke - 13/64

12/09/2006 CMIC: henrich

Oil - 12 Wtr - 2 Gas - 3025 Rate - 3007 FTP - 1754 LP - 33 CP - 1844 Choke - 13/64