

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
N.M. Oil Cons. DIV-Dist. 2
1801 W. Grand Avenue
Artesia, NM 88210

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.

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000

5. Lease Serial No.

NM025503

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or

8. Well Name and No.

OXY Pal Federal 1

9. API Well No.

30-015-33364

10. Field and Pool, or Exploratory Area
Undsg. Hackberry Morrow, N.

11. County or Parish, State

Eddy NM

SUBMIT IN TRIPLICATE - Other instructions on reverse side

RECEIVED

OCT 20 2004

UPDATE ARTESIA

192463

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

OXY USA WTP Limited Partnership

3a. Address

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

3b. Phone No. (include area code)

432-685-5717

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

760 FSL 2020 FEL SWSE(0)) Sec 26 T18S R30E

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

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- | | | | |
|---|---|--|---|
| <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input checked="" type="checkbox"/> Other <u>Completion</u> |
| <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 recompleat 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 recompleat 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 final site is ready for final inspection.)

See Attached

ACCEPTED FOR RECORD

OCT 19 2004

ALEXIS C. SWOBODA
PETROLEUM ENGINEER

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

David Stewart

Title

Sr. Regulatory Analyst

Date

10/15/04

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.

Office

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, 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.

OXY PAL FEDERAL #1

07/07/2004 CMIC: Davis

MIRU Aries unloaded, racked, tallied tbg. RIH w/ 4-3/4 bit, bit sub, 6- 3-1/2 DC, XO, 268 jts L-80 tbg tagged cmt @ 8915'. SION

07/08/2004 CMIC: Davis

RU reverse unit drilled cmt from 8915' to 9008" drilled out DV tool, CHC Continued RIH tbg tag cmt @ 11940' drilled out cmt to 12089' CHC. LD 1 jt tbg RD swivel. RU HES and established circulation pumped 7 bbls zylene followed by 12 bbls 15% HCL displaced w/ 303 bbls 6% KCL w/ clay stablizer and packer fluid. Tested csg to 1000# held OK. RD Halliburton. Started POOH w/ tbg. SION

07/09/2004 CMIC: Davis

Finished POOH w/ tbg. RU baker atlas RIH w/ 4.744 guage ring could not work through DV tool. POOH RD Baker. RIH w/ 4-3/4 bit, 5-1/2 csg scraper, XO 371 jts 2-3/8 L-80 tbg to 12089'. Started POOH 200 jts tbg. SION

07/10/2004 CMIC: Davis/Henrich

Finished POOH w/ tbg. LD 5-1/2 csg scraper. RU Baker Atlas RIH w/ 4.744 guage ring could not work through DV tool. POOH RIH w/ 4.704 guage ring could not work through DV tool. POOH RIH w/ 4.644 guage ring with out any problem. POOH LD guage ring RIH correlated with BA CNL/GR perf casing @ 11923-26 4 spf predator charge. POOH RIH lubricated Model WL 5-1/2 packer. POOH RD Baker Atlas. RIH w/ on/off tool as follows;

1 2-3/8 WLEG	0.42
1 1.81 profile nipple	0.98
1 2-3/8 L-80 tbg sub	4.60
1 5.5 Model WL csg packer	4.50
1 L-10 on/off tool w/ 1.87 profile nipple	1.60
363 jts 2-3/8 L-80 tbg	11826.08
1 2-3/8 L-80 tbg sub	4.10
1 jt 2-3/8 L-80 tbg	32.52
Total pipe	11874.80
CKB	14.30
Btm pipe @	11889.10

ND BOP NUWH SION

07/11/2004 CMIC: Davis

0# sip,ru swab,swaab well down to 7000'& well kicked off flowing,rec.40 bw,si rd swab,press built to 2100# in 30 min.,minu stinger tree saver,miru halliburton,acidize well w/1000 gals. 7.5% hcl acid & 50 Q co2,drop 10-1.1 sg frac balls as follows.Pump bbls. acid,pump 4 ton of co2 pad,20 bbls. acid comingeled w/50% co2,formation broke @ 8997#,flush to top perf. w/50Q co2,isip 5392#,5 min. 781#,10 min. 644#,15 min. 632#,max. treating press. 8997#,avg. 6327#,avg. rate 4 bpm,total load 48 bbls.,si,rd halliburton,nd tree saver,nu flowback manifold,sitp 650#,open well to pit on 16/64" choke,rec. 0 bo,45 bw in 16 hrs.,fftp 1650# on 16/64" choke,est. rate 2750 mcfd.,con't flow testing.(3 blwtr)

07/12/2004 CMIC: Davis

ftp 1650# on 16/64" choke,rec. 0 bo,3 bw in 24 hrs.rate 2750 mcfd,con't flow testing.(all load rec.)(0% co2)

07/13/2004 CMIC: Davis

ftp 1650#,si to rd pulling unit,move out pu,miru pro slickline truck,sitp 2250#,open well to pit on 16/64" choke,rih w/pressure bombs w/100 hr. clocks,release in top of pkr. @ 11,850',pooh,rd sl,con't to flow well for 24 hrs.,ftp @ report time 1400# on 16/64" choke,rec. 18 bo,0 bw in 24 hrs.,rate 2058 mcfd,con't flowing.

Test Date	Oil	Water	Gas	Water Cut%	GOR	Hr
07/23/2004	64.0		1,183.0		18,484.4	24.0
07/24/2004	43.0	5.0	1,886.0	10.4%	43,860.5	24.0
07/25/2004	54.0	3.0	1,901.0	5.3%	35,203.7	24.0
07/26/2004	40.0	3.0	1,833.0	7.0%	45,825.0	24.0
07/27/2004	42.0		1,793.0		42,690.5	24.0
07/28/2004	33.0	5.0	1,739.0	13.2%	52,697.0	24.0
07/29/2004	27.0	3.0	1,582.0	10.0%	58,592.6	24.0
07/31/2004	20.0	3.0	1,415.0	13.0%	70,750.0	24.0
08/01/2004	16.3	2.9	1,324.5	15.2%	81,108.4	24.0
08/06/2004	16.4	1.0	976.9	5.8%	59,530.2	24.0

09/16/2004 CMIC: henrich

road aries pulling unit #44 & crew to loc.,set matting boards,spot & rig up,miru smith inter. reverse unit,0# sip,nd tree,nu 5k hyd. bop,release on/off tool & let well equalize,latch onto pkr. & release,pooh w/364 jts. 2 3/8" tbg. & pkr.,nd bop,nu 5k frac valve,nu bop on top of frac valve,sisd!

09/17/2004 CMIC: henrich

well on slight vac.,miru halliburton w/ truck,rih w/4" perforating guns,correlate to open hole log dated 06/24/2004 & perforate morrow formation w/premium charges @ 1 spf (11,699' - 11,703',11,719' - 21',11,739' - 40',11,798' - 11,800',11,812' - 14', 11,833'-35',11,932' - 40')(29 holes)(.50 entry hole)(26" penetration)in 3 runs,rih w/baker model w/ reliant pkr. on w/ & set @ 11,500',pooh,rd w/rih w/ on/off tool & 2 3/8" tbg.,latch onto pkr.& space out,load csg. w/123bbls. 6% kcl,containing clay stabilizers & pkr. fluid & test csg. & pkr. to 1500#(OK)sisd!

09/18/2004 CMIC: henrich

200# sitp,bleed down.Ru swab,swab tbg. down to pkr. in 1 hr.,ifl 8000' fs,ffl dry,miru halliburton,acidize well w/2500 gals. 7.5% hcl & 95 1.3 7/8" ball sealers,flush to top perf.w/6% kcl,isip 4740#,5 min. 4210#,10 min. 3916#,15 min. 3301#,max. treating press.6250#,min. 4150#,avg. 5575#,avg. rate 2.91 bpm,si,rd halliburton,bleed well down,release pkr.,rih w/12,016' to knock balls off perfs.,pooh w/tbg. & pkr.,sisd!

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OXY PAL FEDERAL #1

09/19/2004 CMIC: henrich

miru halliburton frac equip.,nu stinger csg. saver,frac well w/54000# 18/40 mesh versaprop as follows.

stage 1;pump 10,008 gals. 70% co2 foam pad w/3638# sand slug(mtp 6544#)(atp 4759#)(apir 26.4 bpm)
stage 2;pump 1720 gals. 70% co2 foam carrying 1989# sand @ .5 ppg(mtp 6536#)(atp 6487#)(apir 30.5 bpm)
stage 3;pump 2538 gals. 70% co2 foam carrying 6080# sand @ 1.0 ppg(mtp 6573#)(atp 6511#)(apir 30.2 bpm)
stage 4;pump 2752 gals.70% co2 foam carrying 10161# sand @ 1.5 ppg(mtp 6479#)(atp 6398#)(apir 30.2 bpm)
stage 5;pump 2017 gals.70% co2 foam carrying 10043# sand @ 2.0 ppg(mtp 6360#)(atp 6307#)(apir 30.2 bpm)
stage 6;pump 2275 gals.70% co2 foam carrying 13190# sand @ 2.5 ppg(mtp 6297#)(atp 6257#)(apir 30.0 bpm)
stage 7;pump 877 gals. 70% co2 foam carrying 5163# sand @ 3.0 ppg(mtp 6241#)(atp 6197#)(apir 29.7 bpm)

stage 8;pump 4602 gals.70% co2 foam flush(mtp 6715#)(atp 6165#)(apir 24.0 bpm)

isip 5226#,5 min. 4993#,10 min.4898#,15 min.4843#

mtp 6715#,atp 5641# mpir 34 bpm,apir 30 bpm(total load 1162 bbls.)

si,rd halliburton,nd csg. saver,plumb up choke manifold,sicp 4600#,open well to pit on 11/64" choke,rec.200 bw in 17.5 hrs.,

ffcp 200# on 18/64" choke(co2 100%)(962 blwtr)con't flowback.

09/20/2004 CMIC: henrich

fcg 200# on 18/64" choke,rec. 156 bw in 24 hrs.,ffcp 150# on 24/64" choke.(co2 85%)(806 blwtr)con't flowback.

09/21/2004 CMIC: henrich

fcg 150# on 24/64" choke,rec. 200 bw in 10 hrs.,ffcp 100# on f/o choke,est. rate 1400 mcfd,sisd.(co2 70%)(606 blwtr)will run gauge ring in am

09/22/2004 CMIC: henrich

sicp 1050#,miru baker atlas w/rih w/4.625" gauge ring & junk basket,tag up & correlate to open hole log,tagging @ 11,688',pooh,rih w/baker model D prod. pkr. w/plug in place,attempt to set pkr. @ 11,670' & pkr. did not set,pooh,cap had fired but firing head did not,repair firing head & rih,correlate to open hole log dated 06/24/2004 & set pkr. @ 11,670',pooh,rd w/sicp 1150#,bleed well down to pit in 2 hrs.,rih w/seal assy.,inverted on/off tool w/1.875"F" nipple & 352 jts. 2 3/8" L-80 tbg.,sisd!

09/23/2004 CMIC: henrich

0# sip,pu 6 jts. 2 3/8" tbg.,latch into pkr. @ 11,670',space tbg. out,release from pkr.,displace hole w/250 bbls. 6% kcl containing clay stabilizers & pkr. fluid,latch into pkr.,nd bop & frac valve,nu tree,test csg. & pkr. to 1500#(OK),ru swab,swab tbg. down to 5100',miru pro slickline truck,rih w/pulling tools,latch onto eq prong,jar loose & pooh,rec. prong,redress tool & rih,try to fish plug body & could not get latched up,pooh,rih w/1 3/4" baler,tag top of plug & work baler several times,pooh,had handfull of sand & marks on bottom of baler indicating no more sand on top of plug,rih w/pulling tools,latch onto plug,jar loose & pooh,did not rec. plug,rih w/pulling tools,latch onto plug,jar loose & pooh,rec.plugin,rd pro slickline truck,0# sip,ru swab,ifi 3200',make 2 swab runs (rec. 12 bw)& well kicked off flowing,rig pulling unit down,turn well to flow tester,ftp @ report time 100# on 28/64" choke,rec. 0 bo,110 bw in 11 hrs.,est. rate 473 mcfd.(co2 20%)(484 blwtr)con't flow back!

1-2 3/8" wleg	-	.33
1-2 3/8" x 1.81"R"nipple w/1.76" nogo	-	1.02
1-2 3/8" L-80 pup jt.	-	10.06
1-baker model DB retainer prod. pkr.	-	3.34
1-40-26 E22 anchor seal assy.w/1/2 muleshoe	-	.53
1-2 3/8" L-80 pup jt.	-	1.75
1-2 3/8" x 1.875"F" x 4.5" inverted on/off tool	-	1.65
357-jts. 2 3/8" L-80 4.7# 8 md. tbg.	-	11626.47
2-2 3/8" L-80 pup jts.(8')	-	16.10
1-jt. 2 3/8" L-80 4.7# 8 md. tbg.	-	31.62
total	-	11692.87
kbc to wl	-	-8.12
bottom of pipe	-	11684.75

1.81"R" @ 11683.40 pkr. @ 11670.00 1.87"F" @ 11666.07

09/24/2004 CMIC: henrich

ftp 20# on wide open thru 2" valve,rec. trace of oil & 220 bw in 24 hrs.,rec. moderate sand throughout day,con't flow back.(264 blwtr)(70% co2)

09/25/2004 CMIC: henrich

ftp 230# on 20/64" choke,rec. trace of oil,72 bw in 24 hrs.,est. rate 538 mcfd,con't to flowback.(40%)(192 blwtr)

09/26/2004 CMIC: henrich

ftp 220# on 20/64" choke,rec. trace of oil,75 bw in 24 hrs.,est. rate 514 mcfd,con't flow back.(30% co2)(117 blwtr)

09/27/2004 CMIC: henrich

ftp 290# on 20/64" choke,rec. trace of oil,48 bw in 24 hrs.,est. rate 678 mcfd,con't flow back.(30%)(69 blwtr)

09/28/2004 CMIC: henrich

ftp 260# on 20/64" choke,rec. 9 bo,84 bw in 24 hrs.,est. rate 608 mcfd,con't flow back.(co2 20%)(15 bw overload)

09/29/2004 CMIC: henrich

ftp 220# on 20/64" choke,rec. 10 bo,69 bw in 24 hrs.,est. rate 514 mcfd,will si & miru halliburton coil tbg. unit this am.(20% co2)(74 blw overload)

09/30/2004 CMIC: henrich

si,miru halliburton coil tbg. unit,rih w/1 1/4" coil tbg. w/wash tool to 3000' & ct unit broke down,wait on parts,repair unit,finish rih while circ. w/n2 foam,clear out sand from 11,853' to 12,000',lost circ. @ 11,900',work ct down to 12,000'ct trying to stick,pu to 11,800',recover circ.,blow well dry w/n2,pooh,rd ct unit,500# sitp,open well to pit on 20/64" choke,rec. 0 bo,38 bw in 5.5 hrs.,est. rate 1076 mcfd,con't flow back.(co2 10%)(water sample shows to still be load water)

10/01/2004 CMIC: henrich

ftp 400# on 20/64" choke,rec. 7 bo,64 bw in 24 hrs.,est. rate 936 mcfd,will put well on line this am.(co2 1%)

10/02/2004 CMIC: henrich

turn well to sales line on f/o choke,rate 968 mcfd

Date	Oil	Water	Gas	L.P.	FTP	Choke
10-4	11	51	689			open
10-5	12	38	651	291	287	open
10-6	8	35	611	307	306	open
10-7	10	40	598	328	324	open
10-9	12	22	549			open
10-10	5	26	525			open
10-11	9	36	331	341	331	open
10-12	7	27	497	303	293	open