

Submittal Copy To Appropriate District Office
District I - (575) 393-6161
1625 N French Dr, Hobbs, NM 88240
District II - (575) 748-1283
811 S First St, Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd, Aztec, NM 87410
District IV - (505) 476-3460
1220 S St. Francis Dr, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised August 1, 2011

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

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)		WELL API NO. 30-015-39371
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator OXY USA WTP LP		6. State Oil & Gas Lease No. BO-1969
3. Address of Operator PO BOX 4294; HOUSTON, TX 77210		7. Lease Name or Unit Agreement Name PIGLET 21 STATE
4. Well Location Unit Letter <u>I</u> : <u>1627</u> feet from the <u>S</u> line and <u>345</u> feet from the <u>E</u> line Section <u>21</u> Township <u>17S</u> Range <u>28E</u> NMPM County <u>EDDY</u>		8. Well Number #1
11. Elevation (Show whether DR, RKB, RT, GR, etc) 3653'		9. OGRID Number 192463
		10. Pool name or Wildcat ARTESIA . GLORIETA-YESO (O) - 96830

12. 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 COMPL ☐
DOWNHOLE COMMINGLE ☐

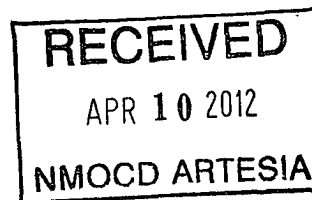
SUBSEQUENT REPORT OF:
REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER: ☐

OTHER COMPLETION ☒

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 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

PLEASE SEE ATTACHMENT



Spud Date:

Rig Release Date:

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

SIGNATURE Jennifer Duarte TITLE REGULATORY ANALYST DATE 04/09/2012

Type or print name JENNIFER DUARTE E-mail address: jennifer_duarte@oxy.com PHONE: 713-513-6640

For State Use Only

APPROVED BY: T. E. Shyward TITLE Geologist DATE 4/12/2012

Conditions of Approval (if any):

Job Events : PIGLET21-1

Event Start Date	Remarks
2/9/2012	RU SCHLUMBERGER WIRELINE MAKE TWO RUNS WITH GR-CBL-VOL-CCL-LOGS RUN ONE WITH 0 PSI AND ONE WITH 1000 PSI, TAG PBTD @ 4875' RUN BOTH LOGS FROM 4875' TO SURFACE,BOTH LOGS SHOW THAT WE HAVE GOOD CEMENT FROM 4875' TO SURFACE.
2/9/2012	LOAD CASING WITH 1 BBLs PRESSURE UP ON CASING TO 4500 PSI OR (80% BURST) HOLD PRESSURE FOR 30 MINUTE (GOOD)BLEED OFF PRESSURE TO REVERSE PIT. STAGE # 1 PERFORATIONS
2/9/2012	RIH WITH 10' SCHLUMBERGER 4" POWER-JET OMEGA 4005, 5 SPF, 38.8 GM CHARGES,0.48" EHD, 51.7" PENETRATION PERFORATING GUN. (PERFORATE LOWER BLINEBRY 4770' TO 4780') POH WITH WIRELINE ALL SHOTS FIRED,RD WIRELINE.
2/9/2012	MONITOR CASING PRESSURE AFTER 1 HR AND PRESSURE WAS 0 PSI READY FOR FRAC ON 2/14/12
2/14/2012	RU SUPERIOR FRAC EQUIPMENT AND SAFETY EQUIPMENT FRAC STAGE # 1 BREAKDOWN WAS 2782 PSI, PUMP 155442 GALS OF 20# BXL, 19572 GALS OF 20# LINEAR GEL AND 3500 GALS OF 15 % HCL ACID, THE FLUID WAS LADEN WITH 180,780 LBS OF 16/30 SIBERPROP. THE AVERAGE RATE WAS 59 BPM AND AVERAGE WH PRESSURE @ 2643 PSI AND THE SHUT DOWN ISIP WAS 1525 PSI.THE TOTAL LIQUID LOAD TO RECOVER IS 4253 BBLs
2/14/2012	RU SCHLUMBERGER WIRELINE EQUIPMENT AND SAFETY EQUIPMENT PICK UP & RIH W/ 5-1/2" 6K COMPOSITE BRIDGE PLUG & GUNS, SET PLUG # 1 @ 4560', PULL UP HOLE AND START PERFORATING FROM 4450' TO 4460' FOR A TOTAL OF 50 HOLES.
2/14/2012	FRAC STAGE # 2 BREAKDOWN WAS 1196 PSI, PUMP 165228 GALS OF 20# BXL, 9198 GALS OF 20# LINEAR GEL AND 2730 GALS OF 15 % HCL ACID, THE FLUID WAS LADEN WITH 180,370 LBS OF 16/30 SIBERPROP. THE AVERAGE RATE WAS 60 BPM AND AVERAGE WH PRESSURE @ 2405 PSI AND THE SHUT DOWN ISIP WAS 1425 PSI.THE TOTAL LIQUID LOAD TO RECOVER IS 4218 BBLs
2/14/2012	RU SCHLUMBERGER WIRELINE EQUIPMENT AND SAFETY EQUIPMENT PICK UP & RIH W/ 5-1/2" 6K COMPOSITE BRIDGE PLUG & GUNS, SET PLUG # 2 @ 4235', PULL UP HOLE AND START PERFORATING FROM 4135' TO 4145' FOR A TOTAL OF 50 HOLES
2/14/2012	FRAC STAGE # 3 BREAKDOWN WAS 3581 PSI, PUMP 155316 GALS OF 20# BXL, 12558 GALS OF 20# LINEAR GEL AND 2478 GALS OF 15 % HCL ACID, THE FLUID WAS LADEN WITH 180,440 LBS OF 16/30 SIBERPROP. THE AVERAGE RATE WAS 60 BPM AND AVERAGE WH PRESSURE @ 2123 PSI AND THE SHUT DOWN ISIP WAS 1378 PSI.THE TOTAL LIQUID LOAD TO RECOVER IS 4056 BBLs.
2/14/2012	RU SCHLUMBERGER WIRELINE EQUIPMENT AND SAFETY EQUIPMENT PICK UP & RIH W/ 5-1/2" 6K COMPOSITE BRIDGE PLUG & GUNS, SET PLUG # 3 @ 3790', PULL UP HOLE AND START PERFORATING FROM 3696' TO 3706' FOR A TOTAL OF 50 HOLES
2/22/2012	MIRU PULLING UNIT - KEY 314 , SPOT REVERSE UNIT, CHK WELL PRESSURE, 90 PSI. SPOT HALF TANK, RIG UP TO WELLHEAD TO BLEED PRESSURE TMRO, SPOT PIPE RACKS, CAT WALK.
2/23/2012	UNLOAD TBG FROM TRUCKS ONTO PIPE RACKS. TALLY.
2/24/2012	BLEED PRESSURE OF 90 PSI TO HALF TANK FRM CSG. ND WELLHEAD
2/24/2012	NU HYD BOP
2/24/2012	TIH W/ 4 5/8 BIT & 6, 3.5 COLLARS AND 106 JNTS TO TAG 1ST PLUG AT 3560', DRILL THROUGH, NO PRESSURE SEEN, CONTINUE TIH TO TAG 2ND PLUG AT 3720', W/ 110 JNTS, DRILL THROUGH, NO PRESSURE SEEN, CONTINUE TIH TO TAG 3RD PLUG AT 4182', W/ 125 JNTS, DRILL THROUGH, NO PRESSURE SEEN, CONTINUE TIH TO TAG 4TH PLUG AT 4555', DRILL THROUGH, NO PRESSURE SEEN, CONTINUE TIH TO 4860', TBG BECAME PLUGGED, PRESSURED TO 1000 PSI, STILL PLUGGED. POH W/ 20 STANDS JUST ABOVE TOP PERF. SDFN.
2/25/2012	CONTINUE TO TRY TO UNPLUG TBG, COULD NOT.
2/25/2012	POH STANDING BACK, TWO BTM JNTS PLUGGED W/ SAND.
2/25/2012	TIH W/ BHA, TO 4772' TAG FILL, CLEAN OUT TO 4890. CIRCULATE CLEAN.
2/25/2012	POH STANDING BACK.
2/25/2012	TIH W/ KILL STRING 10 STANDS.
2/27/2012	POH W/ KILL STRING
2/27/2012	TIH W/ 142 JNTS OF 2 7/8 PRODUCTION TBG, 1, 2' MARKER JNT, 2 JNTS OF 2 7/8 TK-99, 1, TAC, 5 JNTS OF 2 7/8 TK-99, 1, SEAT NIPPLE, 1, 4' PERF SUB, 1, MUD ANCHOR W/ BULL PLUG SET AT 4824'. SET TAC.
2/27/2012	ND BOP
2/27/2012	NIU WELLHEAD
2/27/2012	TIH W/ 24' X 1 5 ROD PUMP, W/ 1.25 X 10' GAS ANCHOR, 10 SINKER BARS, 120 3/4 - N97 RODS, 60, 7/8 N97 RODS
2/28/2012	PREPARED TO CONTINUE FINISH ROD UP, AND ADD POLISH ROD, THE WIND WAS WAY TO HIGH TO DO ANY WORK AT ALL
2/29/2012	2/29/12 - KEY RIG 438 -PIGLET 21 STATE #1 ADD LAST 20 RODS, STUFFING BOX, AND 26' POLISH ROD W/ 16' POLISH ROD LINER, LOAD & TEST W/ 3 BBLs TO 500 PSI, HELD GOOD. LONG STROKE PUMP, HANG ON HORSES HEAD, TURN WELL OVER TO PUMPER, RDMO.

PERFORATION DETAILS:

Stage	Depth	Interval	SPF	Total Holes
1	4,770' - 4,780'	10'	5	50
2	4,450' - 4,460'	10'	5	50
3	4,135' - 4,145'	10'	5	50
4	3,696' - 3,706'	10'	5	50

FRAC DETAILS:

Stage 1 total sand: 180,780 lbs 16/30 Siberprop

Stage 1 total acid: 3500 gals NEFE acid

Stage 1 total fluid: 3,701 bbls 20# BXL; 466 bbls 20# Linear Gel

Stage 2 total sand: 180,370 lbs 16/30 Siberprop

Stage 2 total acid: 2730 gals NEFE acid

Stage 2 total fluid: 3,934 bbls 20# BXL; 219 bbls 20# Linear Gel

Stage 3 total sand: 180,440 lbs 16/30 Siberprop

Stage 3 total acid: 2478 gals NEFE acid

Stage 3 total fluid: 3,698 bbls 20# BXL; 299 bbls 20# Linear Gel

Stage 4 total sand: 154,510 lbs 16/30 Siberprop

Stage 4 total acid: 1890 gals NEFE acid

Stage 4 total fluid: 3,254 bbls 20# BXL; 471 bbls 20# Linear Gel

TOTAL SAND: 696,100 lbs 16/30 Siberprop

TOTAL ACID: 10,598 gals NEFE acid

TOTAL FLUID: 14,587 bbls 20# BXL; 1,455 bbls 20# Linear Gel