Form 3160-5
(June 2015)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018

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 page 2

5. Lease Serial No.
NMNM19199

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

1. Type of Well
☐ Oil Well ☐ Gas Well ☒ Other: INJECTION

8. Well Name and No.
CAL-MON 5

2. Name of Operator
OXY USA INC.
Contact: DAVID STEWART
E-Mail: david_stewart@oxy.com

9. API Well No.
30-015-25640

3a. Address
P.O. BOX 50250
MIDLAND, TX 79710

3b. Phone No. (include area code)
Ph: 432-685-5717

10. Field and Pool or Exploratory Area
SWD DELAWARE

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
Sec 35 T23S R31E SWNE 1980FNL 1980FEL
32.262692 N Lat, 103.746445 W Lon

11. County or Parish, State
EDDY COUNTY, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Hydraulic Fracturing	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other Workover Operations
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ 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 must 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 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

See attached for detail of work, WBD, MIT chart and below for short summary.

Work was done from 2/3/17-2/14/17 and 3/6/17-3/27/17

Isolate casing leak @ 967-969'. Replace wellhead. Run casing integrity log and CBL from 4382-surface. Cement squeeze casing leak @ 967-969' w/ 725sx cement. Drill and clean out to 5810', dump bail 5sx cmt and M&P 25sx cmt from 5810-5518' (tagged) for new PBTD. RIH w/ 2-7/8" duo-line tbg & pkr, set @ 4392'. Run MIT, pressure to 560# for 30min, tested good. BLM notified but did not witness.

NM OIL CONSERVATION
ARTESIA DISTRICT
OCT 13 2017
RECEIVED

Accepted for record
NMOCD RF
11/6/17

14. I hereby certify that the foregoing is true and correct.
Electronic Submission #391519 verified by the BLM Well Information System
For OXY USA INC., sent to the Carlsbad

Name *(Printed/Typed)* DAVID STEWART — Title SR. REGULATORY ADVISOR

Signature (Electronic Submission) — Date 10/10/2017

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

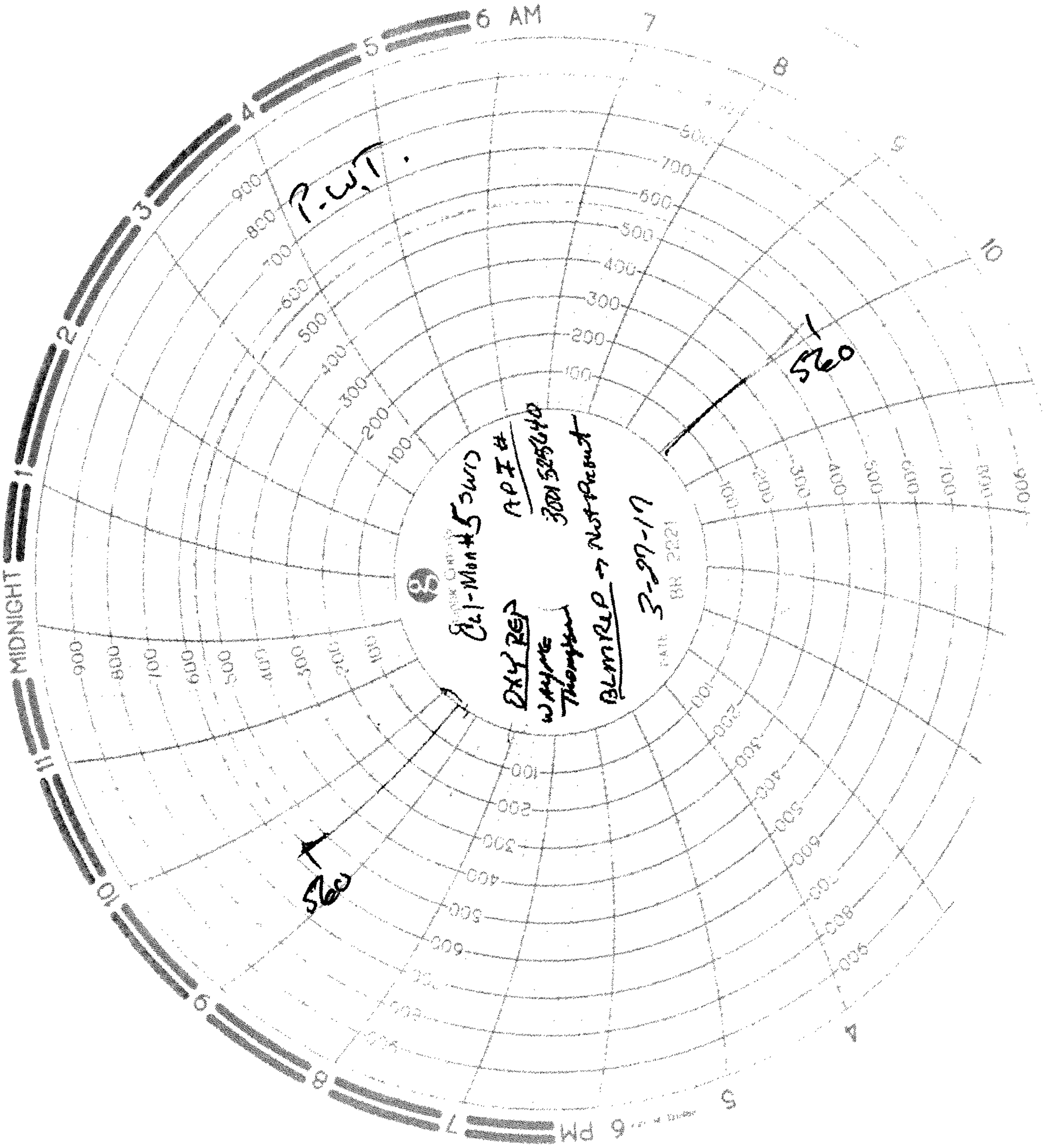
Approved By _____ Title _____ Date _____

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, make 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.

(Instructions on page 2)

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****


6 AM
MIDNIGHT
6 PM
BR 2221
P.W.T.
Ell-Mon #5 SWD
API #
OXY REP
Wayne Thompson
BLM REP → Not Present
3-27-17
560
560

2/3/17 Tbg-700# Csg-Vacuum had 700 psi CSG was on a vacuum, bleed off tbg & was flowing at 40#, recovered 180 bbls in 1 hr. RU slickline, RIH w/ gauge ring to 4388', RIH w/ blk plg & set in prof nip @ 4388', test plug to 500#, good test. Pressure test tbg to 1600#, good test, pressure test csg to 500#. leaked off 100# in 30min. ND 7-1/16" 2K B1 adaptor flange, NU 7-1/16" 5K hydraulic BOP w/ spool adaptor. RU SL, attempt to fish blk plg.

2/6/17 Well was flowing @ 40# to frac tank. RU WL, RIH & perf drain holes in tbg @ 4280', RDWL. Circ 10# brine, SI well, monitor pressure. After 1 hr pressure built up to 250# on tbg & csg.

2/7/17 Csg-tbg - 460#, bled off to frac tank, well was flowing at 50#, pump 48 bbls 13# mud cap down csg, ran out of mud, SI montior csg, Rec mud, pump CSG and 8 bbls of 13# mud cap down tbg ran out of mud, monitor pressure, tbg-csg had 500#.

2/8/17 Well was flowing 30# frac tank. Pump 45 bbls 15# mud cap down csg then start to pump mud cap down tbg when pump broke, SI WO pump to be repaired. Pump 20 bbls 15# mud cap, Monitor pressure, tbg was slightly running over, SI 30 min had 0#. Start to POOH w/ tbg, started to flow, circ mud out of hole.

2/9/17 Recirc hole W/ 100 bbls 10# brine, set PKR @ 4000'. Reverse circ 95 bbls 15# mud. NU 7-1/16" 3K stripper head, unset pkr & csg & tbg went on a vacuum. POOH & LD 2-7/8" duo-line tbg & pkr, ND stripper head. RIH w/ 5-1/2" RBP & pkr on 139 jts-2 7/8" L-80 work string tbg, set RBP 4382' (102' above top perf), PUH & attempt to set pkr, LD 1 jt & attempt to set pkr with no luck, attempt several times by laying down 1 jt & running 10' above RBP with same results.

2/10/17 RIH W/ PKR & SET 1080', TESTED FROM 1080-4382' @ 950# FOR 15 MIN, HELD. BLED OFF PSI, TESTED FROM 1,080-SURFACE @ 500#, LEAKED OFF TO 0# IN LESS THAN A MINUTE. PUH & SET PKR @ 862', TESTED TO 800#, PSI DROPPED TO 0# & STARTED TO FLOW OUT 8-5/8" SURFACE CSG, CONTINUE TO TEST CSG @ 831, 799, 736, 610, 483, 297, 45, 6' TO SURFACE W/ WITH SAME RESUTS. RIH & SET PKR @ 1082', TEST FROM 1082-4382' TO 900# FOR 10 MIN, HELD. PUH TO 1019' TEST TO 900# FOR 10 MIN, HELD. PUH TO 956', TEST TO 800#, LEAKED OFF TO 300# IN 1.5 MIN. puh TO 859', TRIED TO PRESSURE, STARTED FLOWING OUT 8-5/8", POOH W/ TBG & PKR.

2/11/17 RIH w/ 5-1/2" COMPRESSION RBP & PKR, SET RBP @ 1082', PKR @ 1019', ATTEMPTED TO TEST WITH NO LUCK, NOT ENOUGH WEIGHT TO SEAL OFF RUBBERS ON PKR. POOH, RIH W/ TENSION PKR & SET AT 1019' - TEST BELOW PKR TO 1082' TO 600#, HELD, TESTED TO SURFACE AND LEAKED OUT 8-5/8" CSG VALVE. CONTINUE TO TEST ABOVE & BELOW PKR MOVING UP 62' EACH TEST. EACH TEST ABOVE PKR TO SURFACE WOULD FLOW OUT 8-5/8" CSG VALVE. TESTED BELOW PKR AT 956, 893, 831, 768, 704, 641, 578, 515, 462, 389, 325, 265, 203, 140, 77, 45', EACH TEST WOULD PRESSURE TO 600#, LEAK OFF 200# IN 1 MIN. RIH & LATCHED ONTO RBP, PUH & ATTEMPT TO SET @ 883' WOULDN'T SET. PUH & SET RBP @ 851', RIH & SET TENSION PKR 10' BELOW SURFACE, TEST CSG FROM 10-851' TO 580#, HELD. POOH W/ TBG, RBP & PKR.

2/13/17 Csg-8-5/8" on vacuum. RIH w/ 138 jts 2-7/8" L-80 work string tbg, POH & LD 138 jts 2-7/8" L-80 ws tbg. RUWL, RIH w/ csg inspection logWait on Renegade wireline to log CSG for 1 hour. Rig up wireline run csg inspection log from 4382' to surface changed over equipment then run CBL from 4,382' to surface, rig down wireline.

2/14/17 Csg-8-5/8" on vacuum, RIH w/ 136 jts 2-7/8" dou-line tbg, POOH & LD 136 jts 2-7/8" dou-line tbg. PU & RIH w/ 5-1/2" RBP, 4 jts 2-7/8" L-80 tbg, load hole with 10 bbls 10# brine, set RBP @ 148', LD 4 jts. ND 7-1/16" hydraulic BOP w/ spool adaptor. NU WH head flange.

2/15/17 CSG-0#. RD EQUIP AND MOVE TO SIDE OF LOCATION, CLEAN LOCATION

2/17/17 EXCAVATED AROUND WH, FOUND OUTER CSG SEVERELY DAMAGED & SMALL HOLE IN THE PROD CSG.

3/6/17 WELDER CUT OFF OLD WH & BAD CSG FROM WELL, HAD WRONG REPLACEMENT WH. Wo CORRECT WH.

3/7/17 CSG-0#, WELDER BUTTONED UP NEW CSG HEAD, CAMERON TESTED TO 900#, HELD GOOD. WELDER CUT NEW 5-1/2" CSG TO LENGTH, BACKHOE SET IT IN PLACE ON WELL AND SECURED. MOVED IN NEW CSG HEAD WITH AND SECURE TO WELL. BACKHOE OP BACKFILLED AROUND WELL, SET NEW 3K WH, CAMERON FLANGED IT UP AND TESTED IT TO 3000#, HELD GOOD. RU PUMP TRUCK FOR L&T ON CSG, PUMP 10 BBL, PRESSURE UP 5-1/2" CSG TO 600#, DID NOT HOLD, LEAK OFF 100# IN LESS THAN 1 MIN. RD PUMP TRUCK.

3/9/17 RU PU, reverse unit, replaced rig tbg line, unload and set pipe racks, cat walk and 2-7/8" work sting tbg. Test, NU 7-1/16" 5K BOP. Tally 195 jts 2-7/8" L-80 WS tbg, PU & RIH w/ 5-1/2" pkr & tag RBP @ 120', PU 10' above RBP, test RBP to 600#, leaked off 100# in 1 min. Test csg from 118' to surface to 500# leaked 100# in 1 min, continue to test from surface to 77', 45', 25', & 10' w' same results, would leak off 100# in 1 min. RIH to 118', retest RBP leaked, test csg from 110' to surface at 600#, good test. POOH & LD pkr, RIH w/ retrieving tool, latch onto RBP, pulled 25000 over tbg weight, test csg from top of RBP @ 140' to surface to 600#, good test. Unset RBP, POOH & LD RBP. RIH w/ 5-1/2" pkr, start to isolate csg leak, found top @ 967' & bottom hole @ 969', EIR @ 1.18 bpm @ 1050#.

3/10/17 Tbg/csg/8-5/8"- 0#, dump 4sxs sand on top of RBP. POOH w/ 31 jts, LD pkr, RIH w/ 5-1/2" cmt retainer, 29 jts 2-7/8" tbg. Circ 30 bbls FW, set CR @ 927'. RU cmt trucks, test CR to 500#. M&P 725 sx Cl C cmt @ 1 bpm, ISIP-1450#, bleed off to 960#, sting out of CR, circ hole clean. POOH w/ 21 jts 2-7/8" L-80 tbg, LD cmt retainer stringer. RD cmt trucks.

3/13/17 PU 4-3/4" BIT, BIT SUB, 2 - 3-1/2" DRILL COLLARS, RIH W/ BHA FOLLOWED BY 24 JNTS 2-7/8" TBG, TAGGED CMT AT 915', LD 1 JNT. RU POWER SWIVEL & DRILL LINE. NU 7-1/16" 3K STRIPPER HEAD. DRILL OUT 12' CMT TO TOP OF CMT RETAINER @ 927'.

3/14/17 Tbg/Csg-0#, RIH, tag CR @ 928.5', drill out retainer cone, cmt, drilled out total 91' cmt, circ bottoms up, pressure test csg to 500# for 15 mins, good test, bleed off pressure.

3/15/17 CSG-0#, RD SWIVEL, ND STRIPPER HEAD, POOH & LD DRILL COLLARS & BIT. PUP ON/OFF TOOL, RIH & TAG SAND, RU POWER SWIVEL, NU STRIPPER HEAD, CLEAN SAND OFF RBP. CIRCULATE HOLE CLEAN W/ 10# BRINE. LATCH ONTO RBP @ 4382' AND UNSET IT, WELL HAD 600#, LET FLOW TO TANK.

3/16/17 CSG-400#, BLED TO TANK, PUMP 25 BBL 15# MUD DOWN CSG AND 9 BBL 15# MUD DOWN TBG. RD POWER SWIVEL, ND STRIPPER HEAD, POOH WITH 40 JT'S, WELL STARTED TO BLOW. PUMP 3 BBL MUD DOWN TBG, AND 9 BBL MUD DOWN CSG. WELL ON STRONG VAC. POOH LAY DOWN RBP, PU BIT, BIT SUB, AND CHECK, RIH W/ TBG, TAG FILL @ 5799', PULL ABOVE PERF'S, CIRC OUT MUD.

3/17/17 CSG-0#, REPAIR REVERSE UNIT, NU STRIPPER HEAD, RIH & TAG FILL @ 5799', RIG UP POWER SWIVEL, CLEAN TO 5808', CIRC WELL BOTTOMS UP, RD POWER SWIVEL, POOH LD WS, ND STRIPPER HEAD.

3/20/17 CSG-520#, BLEED TO TANK (50# FLOWING). MIRU WL, ATTEMPT TO DUMP BAIL CMT W/ NO LUCK. GLASS DISC WOULD BREAK ON PRESSURE. CHANGE TOOLS AND RIH, TAG BOTTOM @ 5810' AND LOG TO SURFACE. CHANGE TOOLS BACK TO BAILER, PUMP A MUD CAP TO 2500', RIH, 1st RUN DUMP CMT @ 5810', POOH, TROUBLE WITH GLASS DISC. MIX CMT, RIH & DUMP CMT @ 5730. POOH, GOT STUCK @ 5686' WORKED IT FOR A BIT BUT COULD NOT GET FREE, PULL OUT OF SOCKET AND POOH. RD WL.

3/21/17 Csg had slight gas blow, bleed off and open well. PU & RIH w/ 155' of BHA: 4-11/16" overshot dressed with a 1-1/16" basket grapple, 3-3/4" bumper sub, 3-3/4" jars, 4 - 3-1/2" drill collars, 3-3/4" accelerator and top sub pick up followed by 179 jts 2-7/8" L-80 tbg, tag TOF @ 5767', latch on to fish pulled 4000# over tbg weight, something came free (did not gain or lose weight). POOH w/ 47 jts 2-7/8" tbg, tbg started to run over with mud, attempt to circ mud out w/ no luck. Pressure built up to 2500#, bleed off tbg, still running over got back 3 bbls of mud to mud tank when tbg started running over slightly with well fluid. POOH w/ 54 jts leaving end of of overshot @ 2580'.

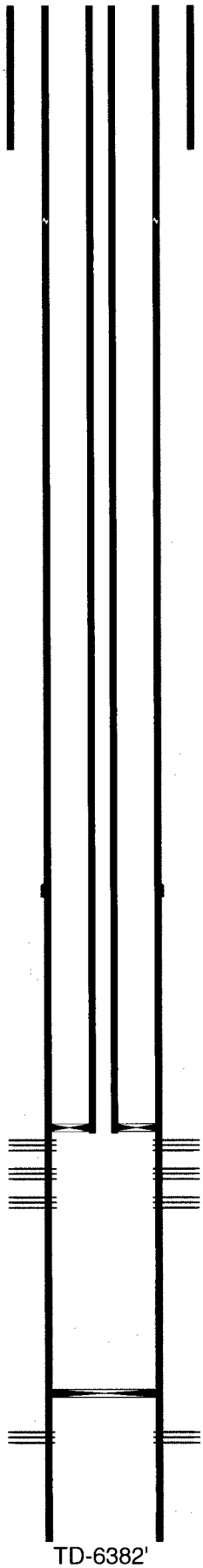
3/22/17 TBG-200# CSG-50#, Bleed off to frac tanks, Pump 20 bbls 15# mud down csg, monitor well. Csg was on a vacuum & tbg had 0 psi. POOH w/ 37jts tbg, 3-3/4" accelerator, 4 - 3-1/2" drill collars, 3-3/4" jars, bumper sub , 4-11/16" overshot w/ fish (wireline bailer). RIH w/ 2-7/8" STD SN w/ 180 jts 2-7/8" L-80 tbg & tag at 5802', pick up 13' above PBTD. RU cmt truck, M&P 25sx cmt from 5802-5551'. PUH & WOC.

3/23/17 CSG-0#, OPEN TO PIT, RIH W/ 2-7/8" WS TBG & TAG CMT @ 5518', POOH & LD WS TBG.

3/24/17 CSG -#0 - TALLED TBG ON RACK - RIH W/ PKR & 134 JTS Duo-Line 2-7/8" TBG, LOAD TBG W/ 18 BBL, SET PKR @ 4392', CIRC WELL, RETURNED 50 BBLS MUD, THEN CIRC 97 BBLS PKR FLUID. ND BOP, NU WH FLANGE, PRESSURE TESTED CSG TO 500#, HELD FOR 30 MIN - TESTED GOOD. RU WL, RIH & BREAK CERAMIC DISK IN PKR - GOOD - BOTTOM HOLE PRESSURE -400#, RD WL.

3/27/17 CSG-0# - TBG-500# - RAN PRELIMINARY MIT TEST - PRESSURE UP CSG TO 500# FOR 30 MIN ON CHART RECORDER - TESTED GOOD - BLEED PRESSURE OFF TO REVERSE PIT - RD PU. WAITED ON BLM TO WITNESS MIT TEST - WHEN CONTACTED - STATED HE DID NOT NEED TO BE ON LOCATION - RUN MIT TEST, PRESSURE UP TO 560# FOR 30 MIN, TESTED GOOD.

OXY USA Inc.
Cal-Mon #5
API No. 30-015-25640



12-1/4" hole @ 554'
8-5/8" csg @ 554'
w/ 350sx-TOC-Surf-Circ

8/15-Sqz csg lk @ 972-975' w/ 150sx cmt
3/17-Sqz csg lk @ 967-969' w/ 725sx cmt

2-7/8" DL tbg w/ pkr @ 4392'

Perfs @ 4931-5148'

7-7/8" hole @ 6382'
5-1/2" csg @ 6382'
DVT @ 3783'
1st w/ 750sx-TOC-3780'-Circ
2nd w/ 1080sx-TOC-Surf-Circ

3/17 30sx @ 5810-5518' Tagged

8/93-CIBP @ 5875' w/ 35' cmt

Perfs @ 6061-6077'

TD-6382'

State of New Mexico
Energy, Minerals and Natural Resources Department

Response Required - Deadline Enclosed

Underground Injection Control Program
"Protecting Our Underground Sources of Drinking Water"

28-Sep-17

OXY USA INC
PO Box 4294
Houston TX 77210-7210

LETTER OF VIOLATION and SHUT-IN DIRECTIVE
Failed Mechanical Integrity Test

Dear Operator:

The following test(s) were performed on the listed dates on the following well(s) shown below in the test detail section.

The test(s) indicates that the well or wells failed to meet mechanical integrity standards of the New Mexico Oil Conservation Division. To comply with guidelines established by the U.S. Environmental Protection Agency, the well(s) must be shut-in immediately until it is successfully repaired. The test detail section which follows indicates preliminary findings and/or probable causes of the failure. This determination is based on a test of your well or facility by an inspector employed by the Oil Conservation Division. Additional testing during the repair operation may be necessary to properly identify the nature of the well failure.

Please notify the proper district office of the Division at least 48 hours prior to the date and time that the well(s) will be retested so the test may be witnessed by a field representative.

MECHANICAL INTEGRITY TEST DETAIL SECTION

CAL MON **No.005** **30-015-25640-00-00**
Active Salt Water Disposal Well G-35-23S-31E

Test Date:	9/22/2017	**Permitted Injection PSI:**		**Actual PSI:**	1500
Test Reason:	Annual IMIT	**Test Result:**	F	**Repair Due:**	10/13/2017
Test Type:	Bradenhead Test	**FAIL TYPE:**	Incomplete Report	**FAIL CAUSE:**	

Comments on MIT: 2/27/17 - Notification on BLM form 3160-5 of intent to workover well. No notification of repair work done on well. No OCD notification of MIT test prior to returning well to injection. Submit required subsequent report and MIT chart by repair due date or well must be shut-in.

RIVERBEND FEDERAL No.008 **30-015-28390-00-00**
Active Salt Water Disposal Well D-23-24S-29E

Test Date:	9/21/2017	**Permitted Injection PSI:**		**Actual PSI:**	899
Test Reason:	Annual IMIT	**Test Result:**	F	**Repair Due:**	12/25/2017
Test Type:	Bradenhead Test	**FAIL TYPE:**	Other Internal Failure	**FAIL CAUSE:**	

Comments on MIT: 700 PSI on casing guage. Well blew down pretty quick but would not stop flowing. Closed valve for 30 minutes and pressure built back up to 700 psi.

In the event that a satisfactory response is not received to this letter of direction by the "Repair Due:" date shown above, or if the well(s) are not immediately shut-in, 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.

Sincerely,

Richard Inge

Artesia OCD District Office

Note: Pressure Tests are performed prior to initial injection, after repairs and otherwise, every 5 years; Bradenhead Tests are performed annually. Information in Detail Section comes directly from field inspector data entries - not all blanks will contain data. "Failure Type" and "Failure Cause" and any Comments are not to be interpreted as a diagnosis of the condition of the wellbore. Additional testing should be conducted by the operator to accurately determine the nature of the actual failure. * Significant Non-Compliance events are reported directly to the EPA, Region VI, Dallas, Texas.