

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

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

WELL API NO. 30-025-10470
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.

<p>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.)</p>		<p>OCT 20 2017 RECEIVED</p>
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other INJECTION		Lease Name or Unit Agreement Name Langlie Mattix Penrose Sand Unit
2. Name of Operator LEGACY RESERVES OPERATING LP		8. Well Number 212
3. Address of Operator PO BOX 10848, MIDLAND, TX 79702		9. OGRID Number 240974
4. Well Location Unit Letter <u>N</u> : <u>660</u> feet from the <u>SOUTH</u> line and <u>1980</u> feet from the <u>WEST</u> line Section <u>27</u> Township <u>22S</u> Range <u>37E</u> NMPM County <u>LEA</u>		10. Pool name or Wildcat Langlie Mattix; 7Rvrs-Queen-Grayburg
11. Elevation (Show whether DR, RKB, RT, GR, etc.)		

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
CLOSED-LOOP SYSTEM <input type="checkbox"/>			
OTHER: LINER INSTALL <input checked="" type="checkbox"/>		OTHER: <input 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 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

C.O.A. Provide well bore diagram of current & proposed. mss.

----SEE ATTACHED PROCEDURE----

Per Underground Injection Control Program Manual
11.6 C Packer shall be set within or less than 100 feet of the uppermost injection perfs or open hole.

Condition of Approval: notify
OCD Hobbs office 24 hours
prior of running MIT Test & Chart

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 [Signature] TITLE OPERATIONS ENGINEER DATE 10/17/2017

Type or print name JOHN SAENZ E-mail address: jsaenz@legacylp.com PHONE: 432-689-5200

For State Use Only

APPROVED BY: [Signature] TITLE AO/II DATE 10/23/2017

Conditions of Approval (if any):

PROCEDURE RTI
Langlie Mattix Penrose Sand Unit # 212
API: 30-025-10470
Lea County, New Mexico
8/3/2017

WELL SUMMARY & OBJECTIVE:

The subject well is currently a shut in water injector. A workover was stopped on the well when the casing developed problems prior to the planned stimulation. The plan is to install 5-1/2" liner, stimulate, and return the well to injection.

Note: CSG leak found from 425'-457' in March 2017.

PROCEDURE

1. Prior to rigging up: Test anchors.
2. Hold pre job safety meeting and MIRU PU.
3. Kill well. NU BOP.
4. Pick up 6-1/8" bit and work sting. Tag liner top at 3272'.
5. Make gauge run to verify 5-1/2" casing will pass bad casing spot at 450'.
6. Trip out of hole and stand work string back.
7. Remove BOP and add new liner hanger spool piece to well head to hang off liner with. Re-install BOP with 5-1/2" rams.
8. MIRU casing crew. Pickup 3280' 5-1/2" flush joint 15.5# J-55 liner with float shoe, float collar, liner hanger tie back, and run in the hole to 3272'.
9. MIRU cement company. Establish injection rate and pump 200 sx class C cement, flush with 77 bbl fresh water. Allow flow up both the 7" and 5-1/2" annulus. Shut in casing. Wash up BOP, wellhead, and casing valves. Rig down cement company. Remove BOP. Cut off casing and install well head slips and seal. Install BOP with 2-7/8" rams.
10. Notify OCD of pressure test. Pressure test casing to 400# and chart for 30 minutes. Turn chart in to Midland office, if OCD takes chart take picture of chart and send picture in.
11. RIH with a 4-3/4" mill tooth bit, 4 drill collars, and work string. Tag cement at 3230'. Drill out, tag CIBP at 3450', drill out, and clean out to PBTD @ 3690'.
12. TOH with bit and drill collars and lay down drill collars.
13. RIH and set RBP and ball catcher at 3590'.
14. RIH with treating 5-1/2" PKR and work string. Set PKR @ 3500'. Test backside to 500#.
15. MIRU acid company. Treat perms 3523'-3580' with 6,000 gal of 15% NEFE HCL acid, 500# rock salt and 200 ball sealers with a maximum pressure 4,000#, and treating rate 8 bpm in two acid stages.
 1. Pump 3,000 gal acid and 100 balls, drop balls thru out the acid continuously at 5 bpm.
 2. Switch to salt water and dump 500# rock salt at 5 bpm.

3. Switch to acid, increase rate to 8 bpm, pump 3,000 gal acid and 100 balls, drop balls thru out the acid
4. Switch to fresh water. Flush with 18 bbls fresh water at 5 bpm. Shut down, record ISIP, 5, 10, 15 min pressures.
5. If pressure remains, surge balls off seat and wait 15 min more.
6. If pressure is zero / after the additional 15 min, pump 100 bbls fresh water at maximum pressure 1500#
16. POOH with treating PKR and TIH and retrieve junk basket and RBP at 3590'.
17. Lay down work string.
18. RIH with refurbished injection packer and 2-3/8" injection tubing. Pressure test tubing. Set packer at 3334'. Circulate packer fluid.
19. ND BOP. NU well head equipment. Call NMOCD. Perform MIT.
20. RDMO PU. Clean Location. RTI.

John Saenz

Operations Engineer

→ Packer must be set within 100' of top perf.
MSS.

Per Underground Injection Control Program Manual

11.6 C Packer shall be set within or less than 100 feet of the uppermost injection perfs or open hole.