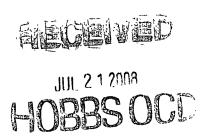
Submit 3 Copies To App District Office District I		State of New Mexico Energy, Minerals and Natural Resources			Form C-103	
1625 N French Dr , Hol	bbs, NM 88240	ry, minerals and ma	turai Nesources	WELL API NO.	May 27, 2004	
<u>District II</u> 1301 W Grand Ave , Artesia, NM OIL		CONSERVATION DIVISION		30-025-28692		
88210 District III		1220 South-Ste Erancis Dr.		5. Indicate Type of L STATE	.ease FEE 🏻	
1000 Rio Brazos Rd , Aztec, NM		Santa Fe, NM 87505		6. State Oil & Gas Le	ease No.	
87410 District IV		JUL 2 1	2008			
1220 S St Francis Dr , 87505	Santa Fe, NM	Innn	Co Co Co			
SUI	NDRY NOTICES AND	REPORTS ON WELL	is UUL	7. Lease Name or Ur	nit Agreement	
(DO NOT USE THIS FO	RM FOR PROPOSALS TO	DRILL OR TO DEEPEN C	R PLUG BACK TO A	Name	iii Agreemeni	
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM 6-101) FOR SUCH PROPOSALS)				LANGLIE MATTIX PE	ENROSE SAND	
Type of Well: O	il Well	ell 🗌 Other WIW		UNIT		
				8. Well Number 1	83	
2. Name of Operate	or LEGACY RES	ERVES OPERATING	LP	9. OGRID Number		
3. Address of Oper	ator P.O. BOX 1084	18		10. Pool name or Wil		
	MIDLAND, TX			LANGLIE-MATTIX SF		
4. Well Location						
Unit Letter_	_M:10feet	from theSOUTH	line and	1310feet from the	West line.	
Section		ship 22S Ra	nge 37E	NMPM LEA	County 4	
	. 11. Elev	ation (Show whether	DR, RKB, RT, GR,	etc.)		
Pit or Below-grade Tank	Application  or Closure	3314' GL ∍ □	•			
			t fresh water well	Distance from neares	ot acceptance	
water				Distance from fleares	csuriace	
Pit Liner Thickness:	mil Be	low-Grade Tank: Volume	ebl	bls; Construction Materia		
12.	Check Appropriate	Box to Indicate N	lature of Notice,	Report or Other Da	ata	
	CE OF INTENTIO		ı			
PERFORM REMEDIA		ID ABANDON 🛛	REMEDIAL WORK	SEQUENT REPOR	TOF: RING CASING □	
TEMPORARILY ABAN	IDON 🗌 CHANGE		COMMENCE DRIL		<del>-</del>	
PULL OR ALTER CAS	SING   MULTIPL	E COMPL	CASING/CEMENT	JOB 🔲		
OTHER:		П	OTHER:			
13. Describe pro	posed or completed or	perations. (Clearly sta	ate all pertinent deta	ails, and give pertinent	dates including	
commated dat	e or starting any prope	isea work). SEE RUL	E 1103. For Multip	ole Completions: Attac	h wellbore	
diagram or pr	oposed completion or	recompletion.				
- SEE ATTA	ACHED -					
			•			
I hereby certify that the	e information above is	true and complete to	the best of my kno	wledge and belief. I fur	ther certify that any	
pit or below-grade tank ha alternative OCD-approved	is been/will be constructe □plan □.	d or closed according to	NMOCD guidelines	wiedge and belief. I fur , a general permit  ☐ or an	(attached)	
	A. Turin					
SIGNATURE // ex	of working	TITLE:_ SENIOR PE	TROLEUM ENGIN	EER DATE	1/28/2008	
Type or print name	KENT WILLIAMS	E-mail address:		Telephone No. (432)	1680 5200	
For State Use Only	•			. 0.001.0110 140. (432)	003-3200	
APPROVED //	1.1	And strange		1	111 25 2000	
BY: 4 Thy W.X	fill_	TITLE REFRES	entative distrep	DATE	UL 252008	
Conditions of Approval	THE OIL CONSERVA	FION DIVISION MUST	1	DATE	<del></del>	
	BE NOTIFIED 24 HOU	RS PRIOR TO THE				
	BEGINNING OF PLUG	GING OPERATIONS	'			

## <u>Langlie Mattix Penrose Sand Unit #183 – PXA Procedure</u>

## Estimated Start Date: 10/8/08

- 1. MIRU plugging company. NU 2000# min. BOP.
- 2. Plug 1 Dump bail 4 sxs (35') cement on top of CIBP at 3500' (25% excess).
- 3. RIH w/ tbg to 3465'. WOC. Tag plug.
- 4. Circ hole w/ 9.0 PPG mud laden fluid (25 sxs x 50 # gel / 100 bbs brine)
- 5. POH w/ tbg.
- 6. Cut 4-1/2" csg at 2585' (cmt top by CBL is at 2590'). Pull 4-1/2" csg.
- 7. RIH w/ tbg to 2635'.
- 8. Plug 2 Spot 50 sx (250') cement from 2635'-2385' (20% excess). WOC. Tag plug.
- 9. POH to 1250'.
- 10. Plug 3 Spot 50 sxs (250') cement from 1250'-1000' (20% excess). WOC. Tag plug.
- 11. POH to 440'.
- 12. Plug 4 Spot 50 sxs (250') cement from 440'-190' (20% excess). WOC. Tag plug.
- 13. Spot 12 sxs (60') cement at surface (20% excess).
- 14. Cut off well head. Weld on dry hole marker. Clean location.
- Use Class "C" Cement
- Notify NMOCD 48 hrs. prior to commencing operation. NMOCD-Hobbs (505-393-6161)

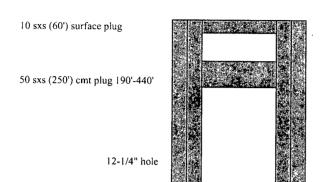


## PROPOSED WELLBORE SCHEMATIC (AFTER PXA)

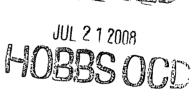
Well Name & No.: Langlie Mattix Penrose Sand Unit #183

Field: Langlie Mattix (7Rivers/Queen/Grayburg) Location: 10' FSL x 1310' FWL, Sec. 26, Unit Letter M,T-22-S, R-37-E County: State: NM API#: Lea 30-025-28692 GR Elev: 3314.2 Spud Date: 09/01/84 KB: 5.0 Drl Compl. Date: 09/11/84 KB Elev: 3319.2 Initial Compl. Date: 01/31/85





50 sxs (250') cmt plug 1000'-1250'



9-5/8" 36#, J-55, ST&C csg @ 1097' Cmt'd w/ 430 sxs Cl "C". Circ 65 sxs cmt to surface.



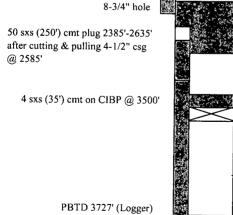
Top of cmt behind 4-1/2" csg @ 2590' by CBL

DV tool @ 2978', cmt'd w/ 150 sxs Cl "C". Water flow @ 3002', 15-42 BPH

CIBP @ 3500' & tstd 4-1/2" csg to 500 psig for 30 min. OK (12/01)

Perfs (Queen-Penrose Sand) 3546'-56', 3564'-94', 3614'-16', 3624'-29', 3676'-80' & 3694'-96' (1/85)

4-1/2", 10.5#, K-55, ST&C csg @ 3782' Cmt'd w/ 100 sxs Cl "C. Cmt circ to DV tool @ 2978'.



6-1/4" hole

TD 3785

7/17/2008

## **CURRENT WELLBORE SCHEMATIC**

Well Name & No.: Langlie Mattix Penrose Sand Unit #183

Field: Langlie Mattix (7Rivers/Queen/Grayburg) 10' FSL x 1310' FWL, Sec. 26, Unit Letter M,T-22-S, R-37-E Location: County: Lea State: NM API#: 30-025-28692 GR Elev: 3314.2 Spud Date: 09/01/84 KB: 5.0 Drl Compl. Date: 09/11/84 KB Elev: 3319.2

