

Submit 3 Copies To Appropriate  
District Office  
District I  
1625 N French Dr , Hobbs, NM 88240  
District II  
1301 W Grand Ave , Artesia, NM  
88210  
District III  
1000 Rio Brazos Rd , Aztec, NM  
87410  
District IV  
1220 S St. Francis Dr., Santa Fe, NM  
87505

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-103  
May 27, 2004

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

JUL 21 2008

WELL API NO 30-025-28693
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name LANGLIE MATTIX PENROSE SAND UNIT
8. Well Number 367
9. OGRID Number 240974
10. Pool name or Wildcat LANGLIE-MATTIX SR QN GRBG
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3314' GL
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/>
Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____

SUNDY 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-10) FOR SUCH  
PROPOSALS.)

1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other WIW <input checked="" type="checkbox"/>
2. Name of Operator LEGACY RESERVES OPERATING LP
3. Address of Operator P.O. BOX 10848 MIDLAND, TX 79702
4. Well Location Unit Letter A : 990 feet from the NORTH line and 10 feet from the East line. Section 34 Township 22S Range 37E NMPM LEA County
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3314' GL
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/>
Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____

Pit Liner Thickness: \_\_\_\_\_ mil Below-Grade Tank: Volume \_\_\_\_\_ bbls; Construction Material \_\_\_\_\_

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 ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ P AND A ☐  
CASING/CEMENT JOB ☐

OTHER: ☐

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 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

- SEE ATTACHED -

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Kent Williams TITLE: SENIOR PETROLEUM ENGINEER DATE 1/28/2008

Type or print name KENT WILLIAMS E-mail address: Telephone No. (432)689-5200  
**For State Use Only**

APPROVED BY: [Signature] TITLE PETROLEUM ENGINEER

Conditions of Approval

THE OIL CONSERVATION DIVISION MUST  
BE NOTIFIED 24 HOURS PRIOR TO THE  
BEGINNING OF PLUGGING OPERATIONS.

JUL 22 2008  
DATE

Langlie Mattix Penrose Sand Unit #367 – PXA Procedure

Estimated Start Date: 10/15/08

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 to 2440'.
6. Plug 2 - Spot 30 sx (250') cement from 2440'-2190' (50% excess). WOC. Tag plug.
7. POH w/ tbg.
8. Cut 4-1/2" csg at 1240' (cmt top by CBL is at 1244'). Pull 4-1/2" csg.
9. RIH w/ tbg to 1290'.
10. Plug 3 - Spot 60 sxs (250') cement from 1290'-1040' (0% excess). WOC. Tag plug.
11. POH to 440'.
12. Plug 4 - Spot 70 sxs (250') cement from 440'-190' (0% excess). WOC. Tag plug.
13. Spot 20 sxs (60') cement at surface (25% 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)

RECEIVED  
JUL 21 2008  
HOBBS OGD

# PROPOSED WELLBORE SCHEMATIC (AFTER PXA)

Well Name & No.:	Langlie Mattix Penrose Sand Unit #367		
Field:	Langlie Mattix (7Rivers/Queen/Grayburg)		
Location:	990' FNL x 10' FEL, Sec. 34, Unit Letter A,T-22-S, R-37-E		
County:	Lea	State:	NM
GR Elev:	3314.5	API #:	30-025-28693
KB:	5.0	Spud Date:	04/23/84
KB Elev:	3319.5	Drl Compl. Date:	05/01/84
		Initial Compl. Date:	10/31/85

16 60  
10 sxs (35') surface plug

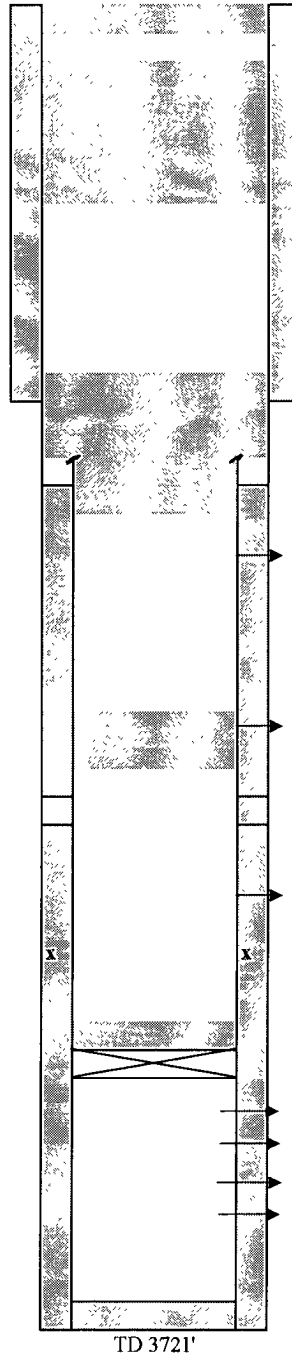
70 sxs (250') cmt plug 190'-440'

12-1/4" hole  
60 sxs (250') cmt plug 1040'-1290' (50'  
below 4-1/2" csg stub and 200' above  
4-1/2" csg stub)  
Cut & pull 4-1/2" csg from 1240'

30 sxs (250') cmt plug 2190'-2440'

4 sxs (35') cmt plug on CIBP @ 3500'

PBTD 3688' (Logger)  
7 7/8" hole



8-5/8" 24#, K-55, ST&C csg @ 1125'  
Cmt'd w/ 650 sxs Cl "C". Circ 165 sxs cmt to surface.

Top of cement behind 4-1/2" casing @ 1244' by CBL

Cmt sqz'd @ 1300' w/ 3100 sx (10/85)

Cmt sqz'd @ 2200' w/ 3400 sx (10/85)

DV tool @ 2821', cmt'd w/ 1800 sx (10/85)  
Inflatable packer @ 2830'

Major water flow @ 3007'  
Cmt sqz'd @ 3010' w/ 650 sx (10/85)

4-1/2" csg cut & replaced @ 3315' - Bowen lead seal overshot

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

Perfs (Queen-Penrose Sand)  
3542'-60', 3564'-97', 3620'-34',  
3644'-58' & 3665'-72' (10/85)

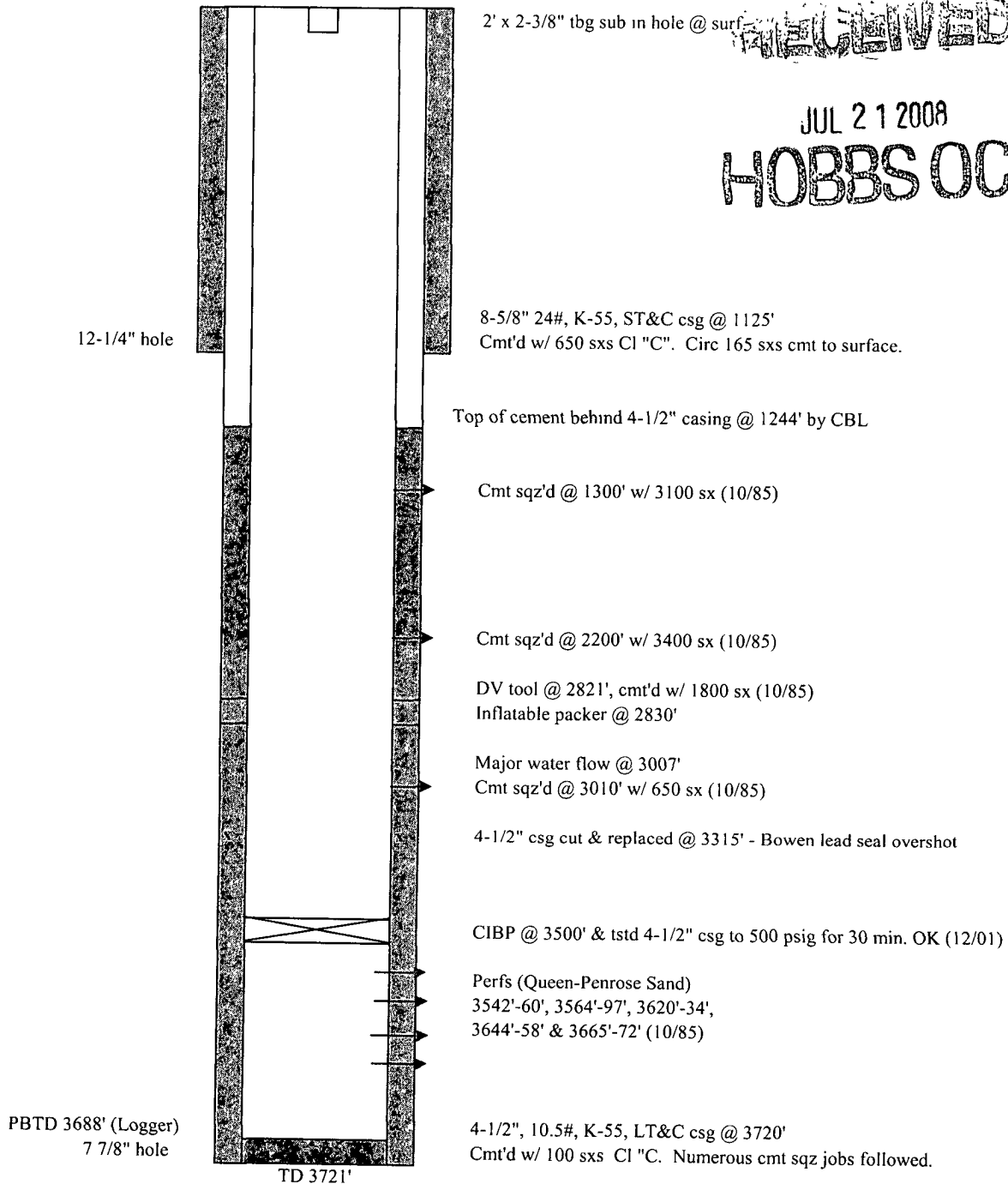
4-1/2", 10.5#, K-55, LT&C csg @ 3720'  
Cmt'd w/ 100 sxs Cl "C". Numerous cmt sqz jobs followed.

RECEIVED

JUL 21 2008  
HOBBS OCD

## CURRENT WELLBORE SCHEMATIC

Well Name & No.:	<u>Langlie Mattix Penrose Sand Unit #367</u>		
Field:	<u>Langlie Mattix (7Rivers/Queen/Grayburg)</u>		
Location:	<u>990' FNL x 10' FEL, Sec. 34, Unit Letter A,T-22-S, R-37-E</u>		
County:	<u>Lea</u>	State:	<u>NM</u> API #:
GR Elev:	<u>3314.5</u>	Spud Date:	<u>04/23/84</u>
KB:	<u>5.0</u>	Drl Compl. Date:	<u>05/01/84</u>
KB Elev:	<u>3319.5</u>	Initial Compl. Date:	<u>10/31/85</u>



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