

Submit 1 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

HOBBS OCD

OIL CONSERVATION DIVISION  
MAR 11 2014 220 South St. Francis Dr.  
Santa Fe, NM 87505

RECEIVED

Form C-103  
Revised July 18, 2013

WELL API NO. 30-025-33784	
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 SKELLY PENROSE A UNIT	
8. Well Number 81	
9. OGRID Number 240974	
10. Pool name or Wildcat Langlie Mattix; 7Rvrs-Queen-Grayburg	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3282' GR	

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 checked="" 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 checked="" type="checkbox"/>			
OTHER: <input 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.

---SEE ATTACHED PROCEDURE---

See Attached  
Conditions of Approval

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 Kent Williams TITLE SENIOR ENGINEER DATE 03/10/2014

Type or print name KENT WILLIAMS E-mail address: kwilliams@legacylp.com PHONE: 432-689-5200

For State Use Only

APPROVED BY: Mary Brown TITLE Compliance Officer DATE 3/12/2014

Conditions of Approval (if any):

OIL CONSERVATION DIVISION - Hobbs office **Must Be Notified**  
24 hours prior to the beginning of Plugging Operations.

MAR 13 2014

## PLUG AND ABANDONMENT PROCEDURE- PROPOSED

### Skelly Penrose A Unit #81

Field/Pool: Langlie Mattix (7Rivers/Queen/Grayburg)  
Lea Co., NM

Date: 3/14/2014

Engineer: Kent Williams

Company: Legacy Reserves Operating, LP

Purpose Of Procedure: Plug and abandon. Will perform turn-key PXA with approved vendor.

### Pre-Job:

- Check location for required dirtwork and clearing of mesquite to accommodate equipment
- Test pulling unit anchors if necessary

### Procedure:

1. MIRU plugging company. NU 2000# minimum rated BOP.
2. RIH tbg and tag cmt cap on cmt retainer (Plug #1 (Perforation Plug) already in place. Should tag cmt at 2970'.
3. Circulate the casing w/ 9.5 PPG mud laden fluid. Csg Volume = 69 bbls at 2970'.
4. ~~Plug #2 (Base of Salt Plug) Spot 25 sxs cmt from 2525'-2325' (200') . WOC. No tag required.~~
5. ~~Plug #3 (Casing Shoe Plug) Spot 20 sxs cmt 1200'-1050' (150') WOC. Tag plug.~~
6. Plug #4 (Surface Plug) Spot ~~6~~ sxs at ~~60'~~ <sup>25' 250'</sup>. Fillup csg back to surface.
7. Cut off well head. Weld on dry hole marker. Backfill cellar as necessary. Clean location. RDMO.

SEE BELOW

### Note:

- Use Class "C" Neat Cement , 1.32 ft<sup>3</sup>/sx cmt yield
- Use 9.0 PPG mud laden fluid (25 sxs @ 50 # gel/sx in 100 bbls brine).
- Notify NMOCD office in Hobbs, NM (575)393-6161 24 hrs prior to initiating plugging.

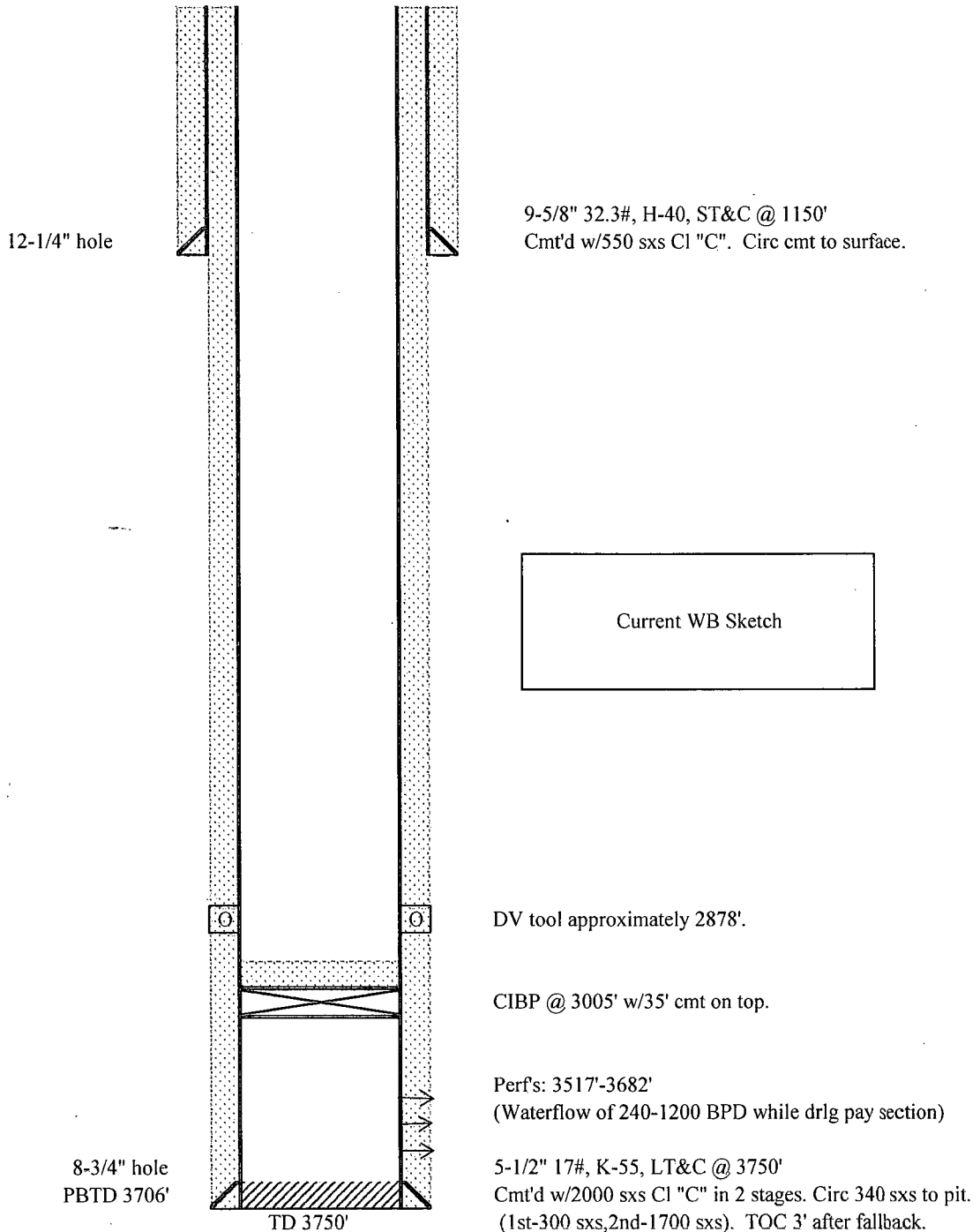
C.O.A.

R-5003 SPECIAL AREA.

SPOT CMT 2525' - 1050'. WOC : TAG.  
MSS

## WELLBORE SCHEMATIC

Well Name & No.:	Skelly Penrose A Unit # 81			
Field:	Langlie Mattix (7Rivers/Queen/Grayburg)			
Location:	1320' F N L x 114' F E L, Sec. 4, Unit Letter A,T-23-S, R-37-E			
County:	Lea	State:	NM	API #: 30-025-33784
GR Elev:	3316.0	Spud Date:		02/28/97
KB :	13.0	Original Operator:		Apache Corp.
KB Elev:	3329.0	Original Lease Name:		Skelly Penrose A Unit # 81



# WELLBORE SCHEMATIC

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GR Elev:	3316.0	Spud Date:	02/28/97	
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Plug #4 0'-60'

Spot 6 sxs cmt

Plug #3 1050'-1200'(150')

Spot 20 sxs cmt

Tag Plug 12-1/4" hole

Plug #2 2325'-2525'(200')

Spot 25 sxs cmt

Plug #1 2970'-3005'(35')

Already In Place.

CIBP @ 3005' w/ 35 cmt cap

Tag Plug To Verify

8-3/4" hole  
PBTD 3706'

TD 3750'

9-5/8" 32.3#, H-40, ST&C @ 1150'  
Cmt'd w/550 sxs CI "C". Circ cmt to surface.

Proposed PXA WB Sketch

DV tool approximately 2878'.

CIBP @ 3005' w/35' cmt on top.

Perfs: 3517'-3682'

(Waterflow of 240-1200 BPD while drlg pay section)

5-1/2" 17#, K-55, LT&C @ 3750'

Cmt'd w/2000 sxs CI "C" in 2 stages. Circ 340 sxs to pit.  
(1st-300 sxs, 2nd-1700 sxs). TOC 3' after fallback.