

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

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

Form C-103  
 Revised July 18, 2013

WELL API NO. 30-025-32179	
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 71	
9. OGRID Number 240974	
10. Pool name or Wildcat JUSTIS;BLINEBRY-TUBB-DRINKARD	
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.) 1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> 2. Name of Operator LEGACY RESERVES OPERATING LP 3. Address of Operator 15 SMITH ROAD, SUITE 3000, MIDLAND, TX 79705 4. Well Location Unit Letter <u>N</u> : <u>990</u> feet from the <u>SOUTH</u> line and <u>1980</u> feet from the <u>WEST</u> line Section <u>34</u> Township <u>22S</u> Range <u>37E</u> NMPM County <u>LEA</u> 11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3320' GL	

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 ☐  
 DOWNHOLE COMMINGLE ☐  
 CLOSED-LOOP SYSTEM ☐  
 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 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

1. MIRU. Pull rods & tubing from ~3600'.
2. PUMU 5.5" AW scraper. RIH to 3520'
3. PUMU 5.5" CIBP. RIH and set @ 3500'.
4. MIRU cementers. RIH with tubing, tag CIBP, spot 25 sx. WOC & Tag- record depth.
5. Circ hole with MLF and P/T casing to 500 # witnessed by NMOCD rep.
6. If casing fails P/T- use BP to hunt holes. Spot 40 sx and sqz. WOC & Drill out. Re-test.
7. Spot 25 sx cmt @ 2911'-2811'. (Yates)
8. Spot 25 sx cmt @ 2514'-2414'. WOC & Tag (Transil B-salt)
9. Spot 25 sx cmt @ 1600'-1450'. WOC & Tag (Est TOC 5.5")
10. Perf & Sqz 46 sx cmt @ 1320'-1091'. WOC & Tag. (Rustler T-salt/ Surf. Csg Shoe)
11. Spot 25 sx @ 100' - 0'. (surface plug)
12. Cut off well head, verify cmt at surface, weld on dry hole marker.

4" diameter 4' tall Above Ground Marker

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 Melanie Reyes TITLE Regulatory Tech DATE 01/23/2023

Type or print name MELANIE REYES E-mail address: mreyes@legacyreserves.com PHONE: 432-221-6358  
**For State Use Only**

APPROVED BY: Kerry Fortner TITLE Compliance Officer A DATE 2/3/23

Conditions of Approval (if any)

**CONDITIONS OF APPROVAL  
FOR PLUGGING AND ABANDONMENT  
OCD - Southern District**

The following is a guide or checklist in preparation of a plugging program, this is not all inclusive and care must be exercised in establishing special plugging programs in unique and unusual cases, Notify NMOCD District Office I (Hobbs) at (575)-263-6633 at least 24 hours before beginning work. After MIRU rig will remain on well until it is plugged to surface. OCD is to be notified before rig down.

**Company representative will be on location during plugging procedures.**

1. A notice of intent to plug and abandon a wellbore is required to be approved before plugging operations are conducted. A cement evaluation tool is required in order to ensure isolation of producing formations, protection of water and correlative rights. A cement bond log or other accepted cement evaluation tool is to be provided to the division for evaluation if one has not been previously run or if the well did not have cement circulated to surface during the original casing cementing job or subsequent cementing jobs. Insure all bradenheads have been exposed, identified and valves are operational prior to rig up.
2. Closed loop system is to be used for entire plugging operation. Upon completion, contents of steel pits are to be hauled to a permitted disposal location.
3. Trucking companies being used to haul oilfield waste fluids to a disposal - commercial or private- shall have an approved NMOCD C-133 permit. A copy of this permit shall be available in each truck used to haul waste products. It is the responsibility of the operator as well as the contractor, to verify that this permit is in place prior to performing work. Drivers shall be able to produce a copy upon request of an NMOCD Field inspector.
4. Filing a subsequent C-103 will serve as notification that the well has been plugged.
5. A final C-103 shall be filed (and a site inspection by NMOCD Inspector to determine if the location is satisfactorily cleaned, all equipment, electric poles and trash has been removed to Meet NMOCD standards) before bonding can be released.
6. If work has not begun within 1 Year of the approval of this procedure, an extension request must be file stating the reason the well has not been plugged.
7. Squeeze pressures are not to exceed 500 psi, unless approval is given by NMOCD.
8. Produced water will not be used during any part of the plugging operation.
9. Mud laden fluids must be placed between all cement plugs mixed at 25 sacks per 100 bbls of water.
10. All cement plugs will be a minimum of 100' in length or a minimum of 25 sacks of cement, whichever is greater. 50' of calculated cement excess required for inside casing plugs and 100% calculated cement excess required on outside casing plugs.
11. Class 'C' cement will be used above 7500 feet.
12. Class 'H' cement will be used below 7500 feet.
13. A cement plug is required to be set 50' above and 50' below, casing stubs, DV tools, attempted casing cut offs, cement tops outside casing, salt sections and anywhere the casing is perforated, these plugs require a 4 hour WOC and then will be tagged
14. All Casing Shoes Will Be Perforated 50' below shoe depth and Attempted to be Squeezed, cement needs to be 50' above and 50' Below Casing Shoe inside the Production Casing.
16. When setting the top out cement plug in production, intermediate and surface casing, wellbores should remain full at least 30 minutes after plugs are set
17. A CIBP is to be set within 100' of production perforations, capped with 100' of cement, WOC 4 hours and tag.
18. A CIBP with 35' of cement may be used in lieu of the 100' plug if set with a bailer. This plug will be placed within 100' of the top perforation, (WOC 4 hrs and tag).

19. No more than 3000' is allowed between cement plugs in cased hole and 2000' in open hole.
20. Some of the Formations to be isolated with cement plugs are: These plugs to be set to isolate formation tops
- A) Fusselman
  - B) Devonian
  - C) Morrow
  - D) Wolfcamp
  - E) Bone Springs
  - F) Delaware
  - G) Any salt sections
  - H) Abo
  - I) Glorieta
  - J) Yates.
  - K) Potash---(In the R-111-P Area (Potash Mine Area),  
A solid cement plug must be set across the salt section. Fluid used to mix the cement shall be saturated with the salts that are common to the section penetrated and in suitable proportions, not more than 3% calcium chloride (by weight of cement) will be considered the desired mixture whenever possible, WOC 4 hours and tag, this plug will be 50' below the bottom and 50' above the top of the Formation.
21. If cement does not exist behind casing strings at recommended formation depths, the casing can be cut and pulled with plugs set at recommended depths. If casing is not pulled, perforations will be shot and cement squeezed behind casing, WOC and tagged. These plugs will be set 50' below formation bottom to 50' above formation top inside the casing.

### **DRY HOLE MARKER REQUIREMENTS**

The operator shall mark the exact location of the plugged and abandoned well with a steel marker not less than four inches in diameter, 3' below ground level with a plate of at least ¼" welded to the top of the casing and the dry hole marker welded on the plate with the following information welded on the dry hole marker:

1. Operator name
2. Lease and Well Number
3. API Number
4. Unit letter
5. Quarter Section (feet from the North, South, East or West)
6. Section, Township and Range
7. Plugging Date
8. County

### **SPECIAL CASES -----AGRICULTURE OR PRARIE CHICKEN BREEDING AREAS**

In these areas, a below ground marker is required with all pertinent information mentioned above on a plate, set 3' below ground level, a picture of the plate will be supplied to NMOCD for record, the exact location of the marker (longitude and latitude by GPS) will be provided to NMOCD (We typically require a current survey to verify the GPS)

### **SITE REMEDIATION DUE WITHIN ONE YEAR OF WELL PLUGGING COMPLETION**

## Wellbore Schematic

Printed: 1/23/2023

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## Skelly Penrose A Unit # 71

BOLO ID: 300217.05.71

API # 3002532179

Skelly Penrose A Unit #71, 1/23/2023

990 FSL & 1980 FWL	GL Elev: 3,320.00	KOP:	
Section 34, Township 22S, Range 37E		EOC:	
County, State: Lea, NM		Fill Depth:	
Aux ID: 132220		PBTD:	
KB' correction: 20; All Depths Corr To: KB		TD:	5,800.00
		BOP:	

## Hole Size

Diameter	Top At	Btm At	Date Drilled
12.2500	0.00	1,141.00	10/19/1993
7.8750	1,141.00	5,800.00	

## Surface Casing

Date Ran: 11/14/2011

Description	#	Diameter	Weight	Grade	Length	Top At	Btm At
Casing		8.6250	24.00		1,121.00	20.00	1,141.00

## Production Casing

Date Ran: 11/14/2011

Description	#	Diameter	Weight	Grade	Length	Top At	Btm At
Casing		5.5000	15.50		5,780.00	20.00	5,800.00

## Cement

Top At	Btm At	I D	O D	TOC Per	# - Type	# Sx	Class	Wt.
0.00	1,141.00	8.625	12.250	Circ	10	650		
1,500.00	5,800.00	5.500	7.875	TS	20	2245	H	
5,366.00	5,401.00	0.000	5.500		30			
5,065.00	5,100.00	0.000	5.500		40			
3,885.00	3,920.00	0.000	5.500		50			
3,829.00	3,864.00	0.000	5.500		60			
					70	450	C	

Squeeze job; Squeeze job

## Zone and Perfs

## SEVEN RIVERS

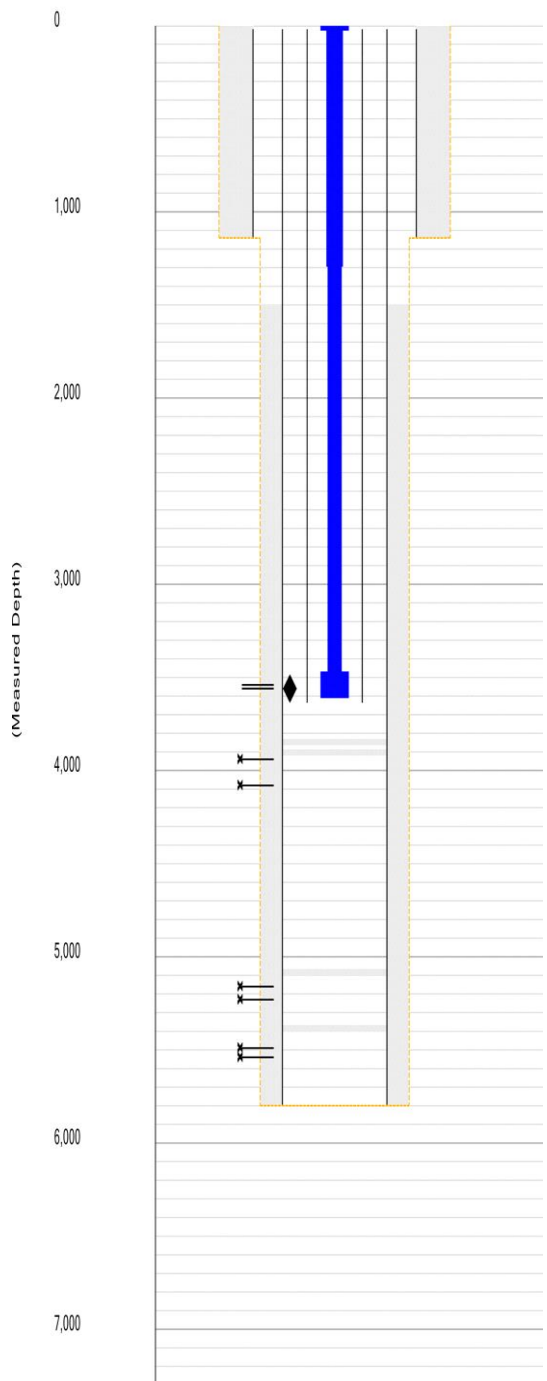
## Comments / Completion Summary

11/19/1993: Initial completion: Perf Blinbry 2spf: 5505 - 08, 11 - 17, 33 - 36, 39 - 42, 44 - 48, and 54 - 58. Acid with 500gal 15% NEFE. Frac on 5505 - 58 with 49000gal GB and 186000# 16/30 sand. Plug Blinbry perfs 5505 - 58 with CIBP @ 5410 with 35' cement on top. Perf Paddock 2spf: 5176 - 80, 92 - 96, 98 - 5208, and 36 - 42. Acid with 1200gal 15% NEFE. Re-acidize with 2500gal 15% NEFE. Plug Paddock perfs 5176 - 5242 with CIBP @ 5100 with 35' cement on top. Perf San Andres 2spf: 3951 - 53, 56 - 61, 94 - 4007, 43 - 46, 60 - 71, 81 - 84, and 95 - 97. Acid with 3000gal 15% NEFE. Plug San Andres with CIBP @ 3920 with 35' cement on top. PBTD: 3885. well TA to be recompleted in unitized Langlie Mattix interval.

5/26/1994: Initial completion: Set CIBP @ 3864 with 35' cement. PBTD: 3829. Perf 4spf: 3553 - 3574. Acid with 2100gal 15% and frac with 18000gal 30# gel and 68000# sand.

## Perforations

Top	Bottom	Formation	Status	Opened	Closed	# / Ft	Ttl #
3,553.00	3,574.00	SEVEN RIVERS / QUEEN	A	5/26/1994		4	84
3,951.00	4,097.00	SAN ANDRES	PA	1/21/1994	2/8/1994	2	78
5,176.00	5,242.00	Paddock	PA	1/19/1994	1/20/1994	2	45
5,505.00	5,558.00	Blinbry	PA	11/19/1993	1/13/1994	2	46



◆ = Fluid Level with Gas

◆ = Net Fluid Level

## Wellbore Schematic

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Skelly Penrose A Unit # 71	BOLO ID: 300217.05.71	API # 3002532179
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**Tubing**

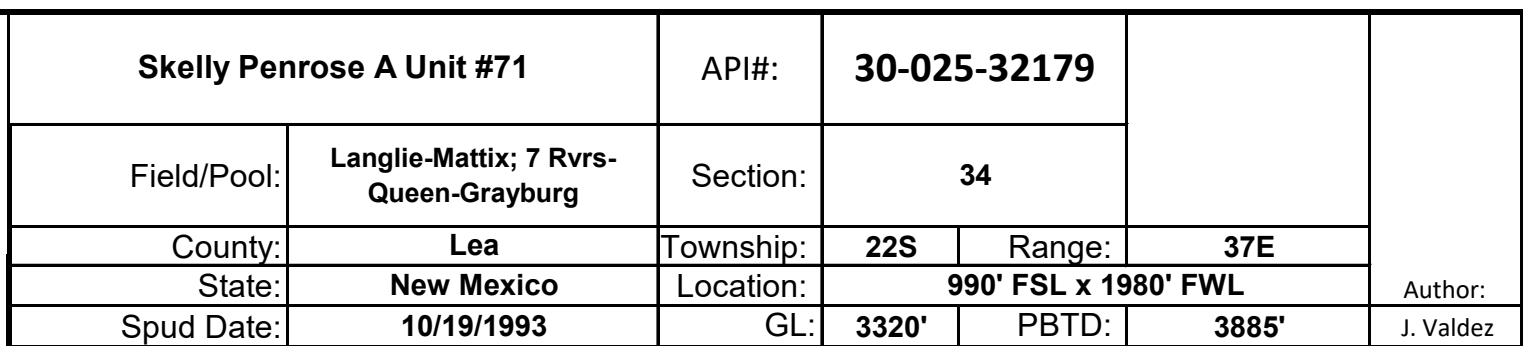
Date Ran: 11/23/2021

Description	#	Diameter	Weight	Grade	Length	Top At	Btm At
Tubing	4	2.8750			131.45	20.00	151.45
New From SJU stock							
Tubing	104	2.8750			3,417.82	151.45	3,569.27
Tubing	2	2.8750			65.73	3,569.27	3,635.00
New IPC from SJU stock							
Seat Nipple	1				1.10	3,635.00	3,636.10

**Rods**

Date Ran: 11/23/2021

Description	#	Diameter	Rod Box	Grade	Length	Top At	Btm At
Polish Rod	1	1.5000			26.00	0.00	26.00
Pony Rods	5	0.8750			18.00	26.00	44.00
Rods	50	0.8750			1,250.00	44.00	1,294.00
Rods	87	0.7500			2,175.00	1,294.00	3,469.00
Sinker Bars	5	1.5000			125.00	3,469.00	3,594.00
Pump	1	1.5000			16.00	3,594.00	3,610.00
2 1/2 x 1 1/2 x 16							



Description	O.D.	Weight	Top	Depth	Hole	Cmt Sx	TOC
Surface	8.625	24	0	1141	12.25	650 Sx	Circ'd
Production	5.5	15.5	0	5800	7.875	2245 Sx/ Top Job 450 Sx	1500' TS/
CIBP	5.5	15.5	5375	5410	5.5	CIBP w/ 35' cmt cap	5375
CIBP	5.5	15.5	5065	5100	5.5	CIBP w/ 35' cmt cap	5065
CIBP	5.5	15.5	3885	3920	5.5	CIBP w/ 35' cmt cap	3829

7. Cut off well head, verify cmt at surface, weld on dry hole marker.  
6. Spot 25 sx @100' - 0'. (surface plug)

**8.625" Surface Casing @ 1141'**  
**Top Job- 450 Sx down 5.5" x 8.625" Annulus.**

**5. Perf & Sqz 46 sx cmt @ 1320'-1091'. WOC & Tag. (Rustler T-salt/ Surf. Csg Shoe)**

Est TOC @ 1500' TS

4. Spot 25 sx cmt @ 1600'-1450'. WOC & Tag (Est TOC 5.5")

### 3. Spot 25 sx cmt @ 2514'-2414'. WOC & Tag (Transil B-salt)

**2. Spot 25 sx cmt @ 2911'-2811'. (Yates)**

**1. Set CIBP @ 3500' w/ 25 sx cmt. Load hole with MLF. P/T casing to 500 psi. NMOCD witness.**

Perfs: 3553'-3574'

CIBP @ 3920' w/ 35' Cement cap.PBTD @ 3885' (2/8/94)

Perfs 3951'-4097'

**CIBP @ 5100' w/ 35' Cement cap (1/20/94)**

Perfs: 5175'-5242'

**CIBP @ 5410' w/ 35' Cement cap (1/13/94)**

Perfs: 5505'-5558'

**5.5" Production Casing 0'- 5800'**

Formation Tops:	
<b>Rustler (T-Salt)</b>	1270' *
<b>Transil (B-Salt)</b>	2464' *
<b>Yates</b>	2861
<b>7Rivers</b>	2968
<b>Queen</b>	
<b>Delaware</b>	

\* Used offset well SPAU #63

PBTD 3885'  
TD 5800'

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Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico  
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Oil Conservation Division  
1220 S. St Francis Dr.  
Santa Fe, NM 87505

COMMENTS  
  
Action 178779

COMMENTS

Operator: LEGACY RESERVES OPERATING, LP 15 Smith Road Midland, TX 79705	OGRID: 240974
	Action Number: 178779
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

COMMENTS

Created By	Comment	Comment Date
plmartinez	DATA ENTRY PM	2/3/2023

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720  
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**District IV**  
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State of New Mexico  
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CONDITIONS

Action 178779

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Operator: LEGACY RESERVES OPERATING, LP 15 Smith Road Midland, TX 79705	OGRID: 240974
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CONDITIONS

Created By	Condition	Condition Date
kfortner	See attached COA	2/3/2023