

MAR 04 2014

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 392-6161 Fax: (575) 393-0720

District II
411 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720

District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico

Energy Minerals and Natural Resources

RECEIVED

Form C-101
Revised July 18, 2013

Oil Conservation Division

☐ AMENDED REPORT

1220 South St. Francis Dr.

Santa Fe, NM 87505

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

Operator Name and Address LEGACY RESERVES OPERATING LP PO BOX 10848 MIDLAND, TX 79702		OGRID Number 240974
Property Code 312454		API Number 30-025-41763
Property Name Cooper Jal Unit		Well No. 246-602

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
B	24	24-S	36-E		1180	N	2180	E	Lea

* Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County

* Pool Information

Pool Name	Pool Code
Jalmat: Tan-Yates-7 Rvrs (oil)	33820
Langlie Mattix: 7 Rvrs-Q-Graburg	37240

Additional Well Information

Work Type New Well	Well Type Oil	Cable/Rotary Rotary	Lease Type Private	Ground Level Elevation 3315'
Multiple Y	Proposed Depth 3850	Formation Queen	Contractor Basic Energy Services	Spud Date 4/1/2014
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

☒ We will be using a closed-loop system in lieu of lined pits

21. Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/lb	Setting Depth	Sacks of Cement	Estimated TOC
Surf	12.25	8.875	24	1200	590	0
Prod	7.875	5.5	15.5	3850	605	0

Casing/Cement Program: Additional Comments

1. MURU Drilling Rig. MURU Closed Loop Mud System. 2. Drill 12 1/4" hole to 1200'. 3. Land 8 1/2" casing & cement to surface. 4. NU Cameron Style BOP w/Blind & Annular Rams. Test to 5000 psig. 5. Drill 7 1/4" hole to 3850'. 6. Land 5 1/2" casing & cement to surface. 7. Release Rig & prep to complete.

22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram w/Annular	5000	5000	Cameron

23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

I further certify that I have complied with 19.15.14.9 (A) NMAC ☐ and/or 19.15.14.9 (B) NMAC ☐, if applicable.

Signature: *Shawn Young*

Printed name: Shawn Young

Title: Engineering Manager

E-mail Address: Syoung@legacyp.com

Date: 3/3/2014

Phone: 281.465.8387

OIL CONSERVATION DIVISION

Approved By: *[Signature]*

Title: Petroleum Engineer

Approved Date: 04/02/14

Expiration Date: 04/02/16

Conditions of Approval Attached

APR 02 2014

Field: Langlie Mattix (7-Rivers, Queen)

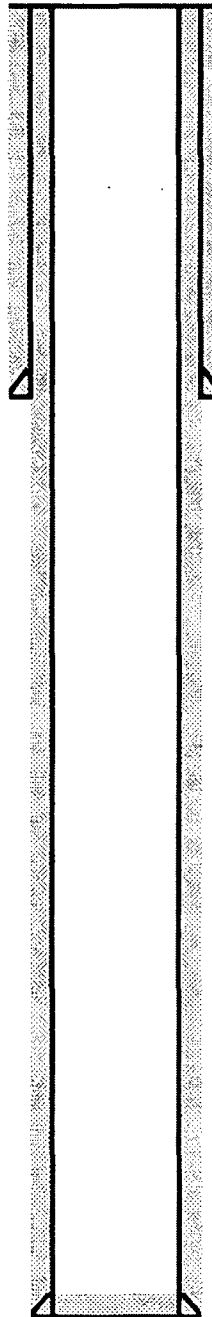
CJU #24-6

	Location:
Footage:	1180 FNL & 2180 FEL
Section:	Sec. 24, T-24S, R-36E
Block:	
Survey:	
County:	Lea, New Mexico
Lat:	
Long:	
	Elevations:
GL:	3315'
KB:	
KB Calc:	
ck w/log?	

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Pumping Unit:
Updated: 2/13/14 MLS

Wellbore Diagram



PBTD	3810'
TD	<u>3850'</u>

Reservoir: Cooper Jal

Well ID Info:	CJU #24-6
API No:	30-025-XXXXXX
Spud Date:	3/20/2014 (Proposed)

Hole Size:	12-1/4"
Surf. Csg:	8-5/8" - 24#, J-55
Set @	1200'
Cement w/	590 sxs Class C
Circ:	Yes
TOC:	Surface

Hole Size:	7-7/8"
Prod. Csg:	5-1/2" - 15.5#, J-55
Set @	3850'
Cement Lead:	340 sxs 50/50 POZ C
Tail:	265 sxs Class C
Circ:	
TOC:	Surface