

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on page 2.

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NM 109414
2. Name of Operator LEGACY RESERVES OPERATING LP		6. If Indian, Allottee or Tribe Name
3a. Address P.O. BOX 10848 MIDLAND, TX 79702	3b. Phone No. (include area code) 432-689-5200	7. If Unit of CA/Agreement, Name and/or No. NM121753
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) UNIT LETTER P, SEC 33, T18S, R29E, 760' FSL & 510' FEL		8. Well Name and No. PEMBINA B 33 FED COM #2H
		9. API Well No. 30-015-36502
		10. Field and Pool or Exploratory Area FOUR MILE DRAW; WOLFCAMP (G)
		11. Country or Parish, State EDDY, NM

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

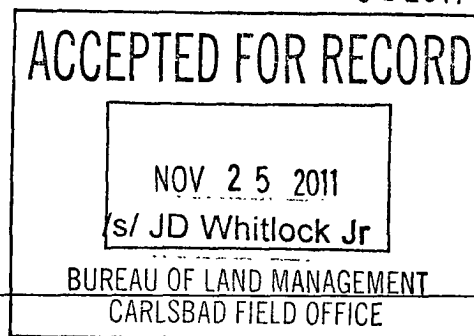
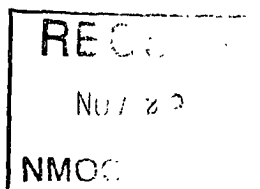
TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input checked="" type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

---- PLEASE SEE ATTACHED ----

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

Accepted for record
NMOCD
DEC 02 2011



14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) BERRY JOHNSON		Title OPERATIONS SUPERINTENDENT
Signature <i>Berry Johnson</i>		Date 11/16/2011

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by	Title	Date
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Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

WATER DISPOSAL ONSHORE ORDER #7

The following information is needed before your method of water disposal can be considered for approval.

1. Name(s) of formation (s) producing water on the lease.

Wolfcamp

2. Amount of water produced from each formation in barrels per day.

0 to 1/4 BPD

3. How water is stored on the lease.

300 BBL FG tank

4. How water is moved to disposal facility.

Truck haul by RGB Trucking

5. Operator's of disposal facility Judah Oil LLC

- a. Lease name or well name and number Red Lake State #1

- b. Location by ¼ ¼ Section, Township, and Range of the disposal system

1/4 1/4 G, Section 22, Township 17S, Range 28E

- c. The appropriate NMOCD permit number SWD-332-A (copy enclosed)

North Permian Basin Region
P.O. Box 740
Sundown, TX 79372-0740
(806) 229-8121
Lab Team Leader - Sheila Hernandez
(432) 495-7240

Water Analysis Report by Baker Petrolite

Company:	LEGACY RESERVES OPERATING LP	Sales RDT:	33512
Region:	PERMIAN BASIN	Account Manager:	WAYNE PETERSON (575) 910-9389
Area:	ARTESIA, NM	Sample #:	575021
Lease/Platform:	PEMBINA 'B 33' FED COM	Analysis ID #:	113245
Entity (or well #):	2	Analysis Cost:	\$90.00
Formation:	UNKNOWN		
Sample Point:	WATER TANK		

Summary		Analysis of Sample 575021 @ 75 °F					
Sampling Date:	10/04/11	Anions	mg/l	meq/l	Cations	mg/l	meq/l
Analysis Date:	10/13/11	Chloride:	37705.0	1063.52	Sodium:	18400.0	800.35
Analyst:	SANDRA GOMEZ	Bicarbonate:	49.0	0.8	Magnesium:	992.0	81.61
TDS (mg/l or g/m3):	60917.2	Carbonate:	0.0	0.	Calcium:	3543.0	176.8
Density (g/cm3, tonne/m3):	1.045	Sulfate:	4.0	0.08	Strontium:	95.0	2.17
Anion/Cation Ratio:	1	Phosphate:			Barium:	0.7	0.01
		Borate:			Iron:	10.0	0.36
		Silicate:			Potassium:	111.0	2.84
Carbon Dioxide:	120 PPM	Hydrogen Sulfide:		34 PPM	Aluminum:		
Oxygen:		pH at time of sampling:		6	Chromium:		
Comments:		pH at time of analysis:			Copper:		
		pH used in Calculation:		6	Lead:		
					Manganese:	7.500	0.27
					Nickel:		

Conditions		Values Calculated at the Given Conditions - Amounts of Scale in lb/1000 bbl										
Temp	Gauge Press.	Calcite CaCO ₃		Gypsum CaSO ₄ *2H ₂ O		Anhydrite CaSO ₄		Celestite SrSO ₄		Barite BaSO ₄		CO ₂ Press
°F	psi	Index	Amount	Index	Amount	Index	Amount	Index	Amount	Index	Amount	psi
80	0	-1.07	0.00	-2.69	0.00	-2.73	0.00	-2.45	0.00	-1.48	0.00	0.4
100	0	-0.96	0.00	-2.72	0.00	-2.70	0.00	-2.46	0.00	-1.65	0.00	0.51
120	0	-0.85	0.00	-2.74	0.00	-2.64	0.00	-2.45	0.00	-1.80	0.00	0.62
140	0	-0.73	0.00	-2.75	0.00	-2.56	0.00	-2.43	0.00	-1.92	0.00	0.74

Note 1: When assessing the severity of the scale problem, both the saturation index (SI) and amount of scale must be considered.

Note 2: Precipitation of each scale is considered separately. Total scale will be less than the sum of the amounts of the five scales.

Note 3: The reported CO2 pressure is actually the calculated CO2 fugacity. It is usually nearly the same as the CO2 partial pressure.