Form 3160-5
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Division
1625 N. French Dr.
Hobbs, NM 88240

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000

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 reverse side.

1. Type of Well ☒ Oil Well ☐ Gas Well ☐ Other	5. Lease Serial No. 53239
	6. If Indian, Allottee or Tribe Name
	7. If Unit or CA/Agreement, Name and/or No.
	8. Well Name and No. Multiple--See Attached
2. Name of Operator LYNX PETROLEUM CONSULTANTS Contact: ANDREA SCOTT E-Mail: lynxpet@leaco.net	9. API Well No. Multiple--See Attached
3a. Address P. O. BOX 1708 HOBBS, NM 88241 3b. Phone No. (include area code) Ph: 505.392.6950 Fx: 505.392.7886	10. Field and Pool, or Exploratory 65350
4. Location of Well (*Footage, Sec., T., R., M., or Survey Description*) Multiple--See Attached	11. County or Parish, and State LEA COUNTY, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☒ 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 recomplete 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 shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

REQUEST NTL-2B APPROVAL:

Formation: Young Bone Springs, North
Water Produced: .26 BWPD
Water Storage: 210 bbl. Fiberglass Tank located U.L. "I",
Section 1, T-18S, R-32E, Lea County, NM
Method of Movement: Truck (Primary Hauler - Key Energy Services)
Disposal System: Basin Alliance State AJ SWD
(G-Sec. 33, T-18S, R-36E) Permit #119
Water Analysis: See attached

14. I hereby certify that the foregoing is true and correct.

Name (*Printed/Typed*) LARRY R. SCOTT — Title PRESIDENT

Signature Larry R. Scott — Date 09/14/2004

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By (ORIG. SGD.) DAVID R. GLASS — Title — Date OCT 14 2004

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.

SEE ATTACHED FOR CONDITIONS OF APPROVAL

GWW

Additional data for EC transaction #35392 that would not fit on the form

Wells/Facilities, continued

Agreement	Lease	Well/Fac Name, Number	API Number	Location
	53239	SHINNERY 1 FEDERAL 1	30-025-30627	Sec 1 T18S R32E SENE 1750FSL 990FEL
	53239	FAC SHINNERY FEDERAL 1 BATTERY		Sec 1 T18S R32E NESE 1750FSL 990FEL

32. Additional remarks, continued

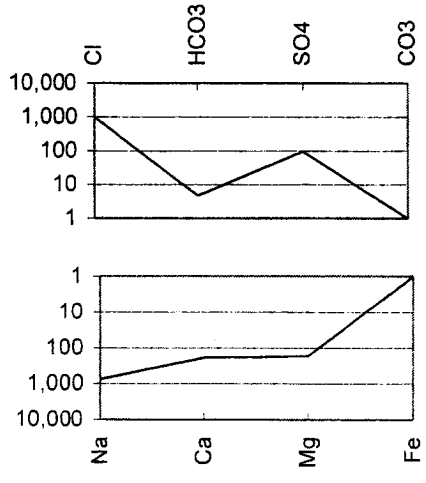
CAPITAN CHEMICAL

WATER ANALYSIS REPORT

	Lynx Petroleum	Date Sampled	: 09/01/04
Lease Name	: Shinnery 1	Capitan Rep.	: Joe Hughes
Well Number	: Federal 1	Company Rep.	: Lary Scott
Location	: Eddy County, NM		

ANALYSIS						
1. pH	7.3					
2. Specific Gravity @ 60/60 F.	1.099					
3. CaCO3 Saturation Index @ 80 F.	+0.494	'Calcium Carbonate Scale Possible'				
@ 140 F.	+1.424	'Calcium Carbonate Scale Possible'				
Dissolved Gasses						
4. Hydrogen Sulfide	0	PPM				
5. Carbon Dioxide	211	PPM				
6. Dissolved Oxygen	Not Determined					
Cations	mg/L	/	Eq. Wt.	=	MEQ/L	
7. Calcium (Ca++)	3,800	/	20.1	=	189.05	
8. Magnesium (Mg++)	2,066	/	12.2	=	169.30	
9. Sodium (Na+) Calculated	17,370	/	23.0	=	755.24	
10. Barium (Ba++)	Not Determined	/	68.7	=	0.00	
Anions						
11. Hydroxyl (OH-)	0	/	17.0	=	0.00	
12. Carbonate (CO3=)	0	/	30.0	=	0.00	
13. Bicarbonate (HCO3-)	283	/	61.1	=	4.63	
14. Sulfate (SO4=)	4,630	/	48.8	=	94.88	
15. Chloride (Cl-)	36,000	/	35.5	=	1,014.08	
Other						
16. Soluble Iron (Fe)	15	/	18.2	=	0.82	
17. Total Dissolved Solids	64,149					
18. Total Hardness As CaCO3	18,000					
Calcium Sulfate Solubility @ 90 F.	3,943	'Calcium Sulfate Scale Possible'				
20. Resistivity (Measured)	0.600	Ohm/Meters	@ 80	Degrees (F)		

Logarithmic Water Pattern



PROBABLE MINERAL COMPOSITION

COMPOUND	Eq. Wt.	X	MEQ/L	=	mg/L
Ca(HCO3)2	81.04	X	4.63	=	375
CaSO4	68.07	X	94.88	=	6,458
CaCl2	55.50	X	89.55	=	4,970
Mg(HCO3)2	73.17	X	0.00	=	0
MgSO4	60.19	X	0.00	=	0
MgCl2	47.62	X	169.30	=	8,062
NaHCO3	84.00	X	0.00	=	0
NaSO4	71.03	X	0.00	=	0
NaCl	58.46	X	755.24	=	44,151