Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M Oil Cons. Division
811 S. 1st Street
Artesia, NM 88210-2834

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.
NM-94845

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.
Federal HJ-27 No. 1

2. Name of Operator
Lynx Petroleum Consultants, Inc.

RECEIVED
OCD ARTESIA

9. API Well No.
30-015-25780

3. Address and Telephone No.
P.O. Box , Hobbs, NM 88241 505-392-6950

10. Field and Pool, or Exploratory Area
Wildcat Bone Springs

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec. 27, T-19S, R-31E
1880' FNL & 660' FWL

11. County or Parish, State
Eddy, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION	
☒ Notice of Intent	☐ Abandonment	☐ Change of Plans
☐ Subsequent Report	☐ Recompletion	☐ New Construction
☐ Final Abandonment Notice	☐ Plugging Back	☐ Non-Routine Fracturing
	☐ Casing Repair	☐ Water Shut-Off
	☐ Altering Casing	☐ Conversion to Injection
	☐ Other _____	☒ Dispose Water

(Note. Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

REQUEST NTL-2B APPROVAL:

Formation:	Bone Springs
Water Produced:	25 BWPD
Water Analysis:	See Attached
Water Storage:	Tank (Fiberglass), Located at Unit Letter E, Sec. 27, T-19S, R-31E, Eddy Co., NM
Method of Movement:	Truck (Approved Hauler)
Disposal System:	Approved System

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

14. I hereby certify that the foregoing is true and correct
Signed Marc Wm Title President Date 2/1/98

(This space for Federal or State office use)
Approved by (ORIG. SGD.) LES BABYAK Title PETROLEUM ENGINEER Date FEB 11 1998
Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes 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.

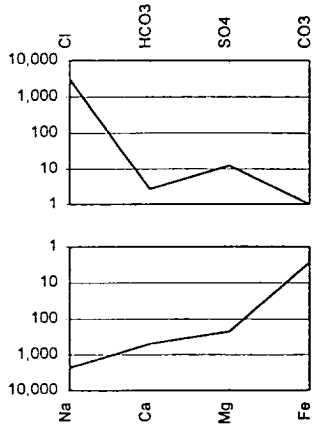
*See Instruction on Reverse Side

CAPITAN CHEMICAL
WATER ANALYSIS REPORT

Company	: LYNX PETROLEUM	Date Sampled	: 1/30/98
Lease Name	: FEDERAL "HJ" 27	Capitan Rep.	: HUGHES
Well Number	: # 1	Company Rep.	: WISE
Location	:		

	ANALYSIS					
1.	pH	5.94				
2.	Specific Gravity @ 60/60 F.	1.136				
3.	CaCO3 Saturation Index @ 80 F.	-0.115				
	@ 140 F.	+0.885	'Calcium Carbonate Scale Possible'			
	Dissolved Gasses					
4.	Hydrogen Sulfide	0	PPM			
5.	Carbon Dioxide	435	PPM			
6.	Dissolved Oxygen	Not Determined				
	Cations	mg/L	/	Eq. Wt.	=	MEQ/L
7.	Calcium (Ca++)	10,200	/	20.1	=	507.46
8.	Magnesium (Mg++)	2,795	/	12.2	=	229.06
9.	Sodium (Na+) Calculated	53,051	/	23.0	=	2,306.56
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-)	163	/	61.1	=	2.68
14.	Sulfate (SO4=)	597	/	48.8	=	12.23
15.	Chloride (Cl-)	107,500	/	35.5	=	3,028.17
	Other					
16.	Soluble Iron (Fe)	50	/	18.2	=	2.75
17.	Total Dissolved Solids	174,306				
18.	Total Hardness As CaCO3	37,000				
19.	Calcium Sulfate Solubility @ 90 F.	1,595				
20.	Resistivity (Measured)	0.070	Ohm/Meters	@ 64	Degrees (F)	

Logarithmic Water Pattern



PROBABLE MINERAL COMPOSITION

COMPOUND	Eq. Wt.	X	MEQ/L	=	mg/L
Ca(HCO3)2	81.04	X	2.68	=	217
CaSO4	68.07	X	12.23	=	833
CaCl2	55.50	X	492.55	=	27,337
Mg(HCO3)2	73.17	X	0.00	=	0
MgSO4	60.19	X	0.00	=	0
MgCl2	47.62	X	229.06	=	10,908
NaHCO3	84.00	X	0.00	=	0
NaSO4	71.03	X	0.00	=	0
NaCl	58.46	X	2,306.56	=	134,841