

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**SUNDRY NOTICES AND REPORTS ON WELLS**

**Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

FORM APPROVED  
OMB No. 1004-0135  
Expires July 31, 1996

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. ☐ Oil Well ☐ Gas Well ☒ Other  
2. Name of Operator  
*Elm Ridge Exploration Company, LLC*  
3a. Address  
*P.O. Box 156 Bloomfield, NM 87413*  
3b. Phone No. (include area code)  
*(505) 632-3476 ext. 201*  
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
*454' FNL X 2074' FEL*

5. Lease Serial No.  
**SF-078064**  
6. If Indian, Allottee or Tribe Name  
7. If Unit or CA/Agreement, Name and/or N  
*Carson Unit*  
8. Well Name and No.  
*Carson Unit 24-01*  
9. API Well No.  
*30-045-13301*  
10. Field and Pool, or Exploratory Area  
*Bisti Lower Gallup*  
11. County or Parish, State  
*San Juan County, NM*

*"B" Sec. 24-T25N-R12W*

**12. CHECK 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 checked="" type="checkbox"/> Plug and Abandon <input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Convert to Injection <input type="checkbox"/> Plug Back <input type="checkbox"/> Water Disposal

13. Describe Proposed or Completed Operations (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 recompleat 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 recompleat 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.)

Elm Ridge Exploration Co LLC intends to plug and abandon this well per the attached paperwork.

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

Name (Printed/Typed)	Title
<i>Amy Mackey</i>	<i>Production Technician</i>
Signature	Date
<i>[Signature]</i>	<i>August 22, 2006</i>

**THIS SPACE FOR FEDERAL OR STATE USE**

Approved by	Title	Date
<i>Original Signed: Stephen Mason</i>		<i>AUG 24 2006</i>

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.

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.

(Instructions on reverse)

NMOCD

**Elm Ridge Resources**  
**Carson Unit 24-1**  
Section 24, T25N, R12 W  
Plug and Abandon  
June 06

TD: 3825'  
PBSD: 3815'  
Surface Csg: 13-3/8" 48 lb/ft @ 70'  
Intermediate Csg: 8-5/8" 32 lb/ft @ 2835' (TOC 1070')  
Liner: 6-5/8" 18.9 & 20 lb/ft, 2781'-3815'

Procedure:

- 1) MIRUSU. NDWH & NUBOP.
- 2) Release pkr, circulate hole clean w/production water, TOO and LD pkr, TIH with 6-5/8" CIBP on 2-7/8" tbg to 2935'. **Plug #1:** Spot ~~154'~~<sup>204'</sup> plug on top of CIBP to 2781'. **Note:** LD tbg on way out of hole.
- 3) Pressure test plug to 500 psi. Pull up hole to 2600' and spot 200' balanced plug ( Plug #2; 75 sks.) (2600'-2400') (Menefer)
- 4) Tag Plug if required. Pull up hole to 2025' and spot 100' balanced plug ( Plug #3; 45 sks.) (Menefer top)  
*Mesaville*
- 5) Tag Plug if required. Pull up hole to 1640' and spot 100' balanced plug ( Plug #3; 45 sks.) (Cliffhouse top)  
*Chacra*
- 6) Tag Plug if required. Pull up hole to 1288' and spot 100' balanced plug ( Plug #5; 45 sks.) (Pictured Cliffs top)
- 7) Tag Plug if required. Pull up hole to 1000' and shoot 2 squeeze holes. TIH with cement retainer and set at 980'. Cement annulus to surface with 300 sks. ( Plug #6 ; 300 Light sks @ 13.6 #/gal.) *cap retainer placing cement to 860' to cover Fruitland*
- 8) Move up hole to 370' and spot plug across surface shoe to surface. ( Plug #7 ; 170 sks)
- 9) Cut off casing 4' below ground level, weld plate over casing, and place 4' dry hole marker.

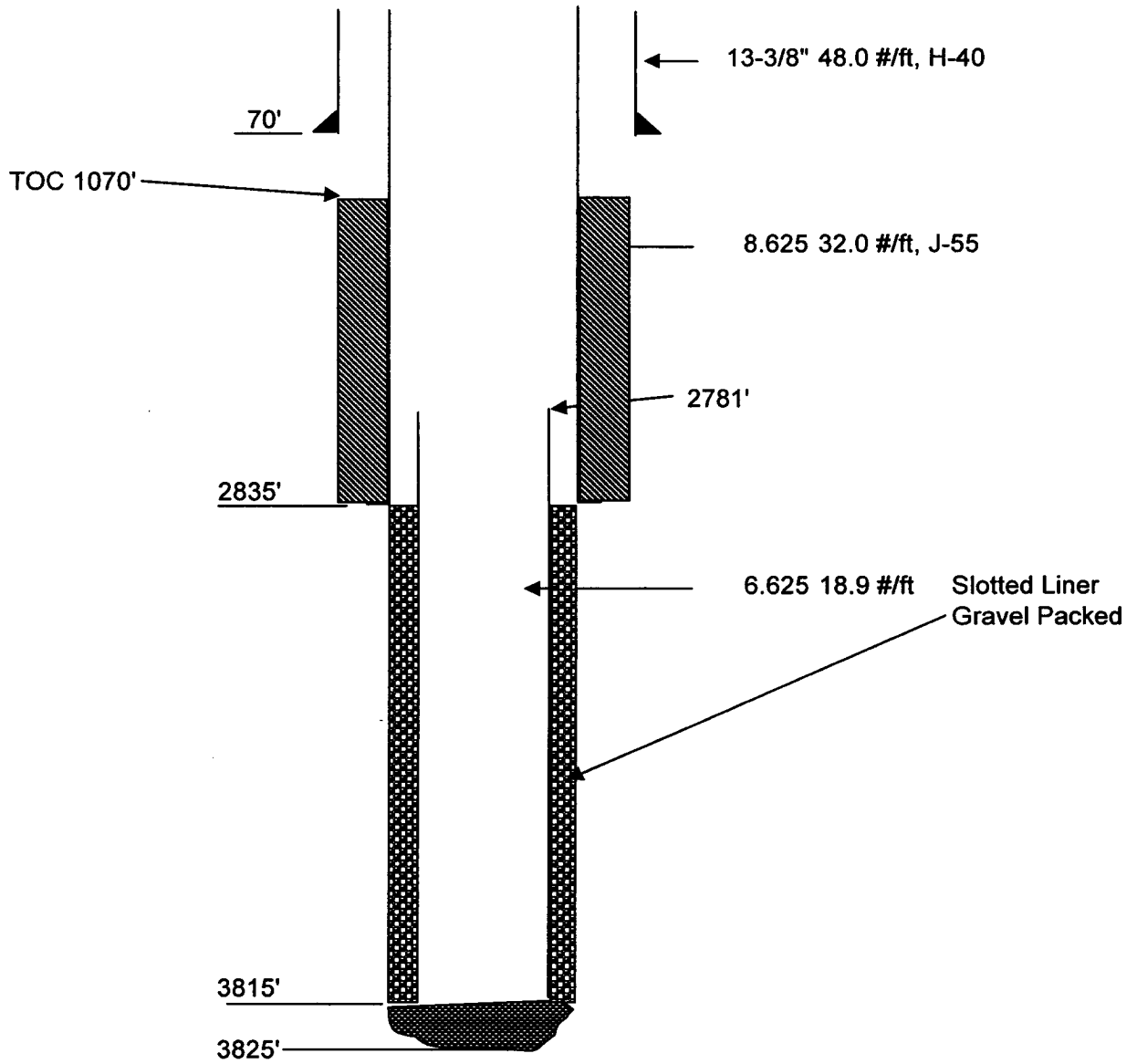
**Note: All inside plugs neat cement with 2% CaCl<sub>2</sub> where applicable. Outside plug is Light cement with fluid loss additive.**

Actual procedure may change on final approval from State and BLM.

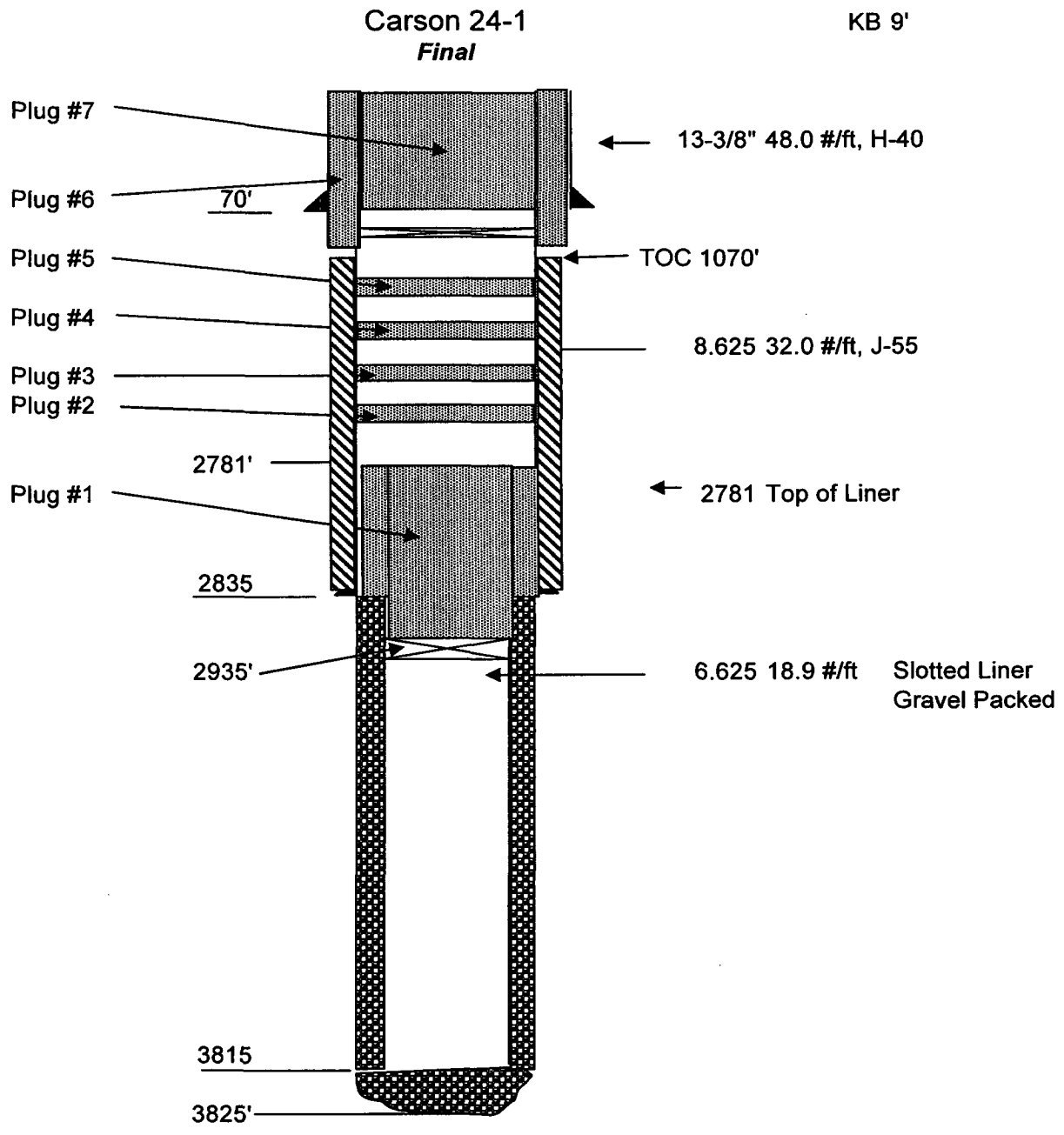
# Elm Ridge Resources

Carson 24-1  
*Present*

KB 9'



Elm Ridge Resources



Active

## Gila Exploration and Production Company

## Well Bore Diagram

WELL NAME Carson Unit Well No. 1-24 SWDLOCATION 454' FNL, 2074' FELSECTION 24 T 25N R 12WCOUNTY San JuanSTATE New Mexico

## SURFACE CASING

Hole Size: 17-1/2"Casing: 13-3/8", 48#, H-40Casing Set @ 70' with 70 sx.  
cement.GLE 6425.7RBM 6434.9DF 6433.4

70'

## INTERMEDIATE CASING

Hole Size: 8-5/8"Casing: 8-5/8", 32#, J-55Casing Set @ 2835' with 650 sx.  
Diamix and 100 sx. cement.

## WELL HISTORY

Spud date: 09/06/60

2781' Original owner: \_\_\_\_\_

IP 2/20/60 BOPD BWPD 3100

2835' GOR \_\_\_\_\_ MCF \_\_\_\_\_

Completion treatment: \_\_\_\_\_

LINER TOP 2781'

## FORMATION TOPS

Pictured Cliffs 1238'Lewis 1438'Cliffhouse 1590'Menefee 2076'Point Lookout 3681'

## CURRENT DATA

Pumping Unit \_\_\_\_\_

Tubing \_\_\_\_\_

Pump Size \_\_\_\_\_

Rod string \_\_\_\_\_

Remarks Gravel packed behind  
liner with 163 cu.ft. 8-12  
mesh gravel.CEMENT TOP 1070'

## PERFORATIONS

2835' - 3815'

PBD \_\_\_\_\_

## PRODUCTION CASING (LINER)

Hole Size: \_\_\_\_\_

Casing: 6-5/8", 18.9# & 20#Liner Set @ 3815' with gravel  
pack.

3815'

TD  
3825'

driller

Date Rev. 07/10/90

TOC

1000

1100

1200

