

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Artesia

FORM APPROVED
OMB NO. 1004-0135
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 reverse side.**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM0543748
2. Name of Operator MEWBOURNE OIL COMPANY		6. If Indian, Allottee or Tribe Name
Contact: JACKIE LATHAN E-Mail: jlathan@mewbourne.com		7. If Unit or CA/Agreement, Name and/or No.
3a. Address PO BOX 5270 HOBBS, NM 88240	3b. Phone No. (include area code) Ph: 575-393-5905	8. Well Name and No. FORTY NINER RIDGE UNIT 103H
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 22 T23S R30E 30FSL 1584FEL		9. API Well No. 30-015-42708
		10. Field and Pool, or Exploratory BONE SPRINGS
		11. County or Parish, and State EDDY COUNTY, NM

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 checked="" type="checkbox"/> Other Hydraulic Fracture
	<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 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 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.)

Please see attachment for approval for Hydraulic Fracturing.

OCD 10/20/15
Accepted for record
NMJCONM OIL CONSERVATION
ARTESIA DISTRICT

OCT 19 2015

RECEIVED

Okay to Accept for Record Chs Wells 9/2/15

14. I hereby certify that the foregoing is true and correct.		Electronic Submission #302770 verified by the BLM Well Information System For MEWBOURNE OIL COMPANY, sent to the Carlsbad Committed to AFMSS for processing by DEBORAH HAM on 08/04/2015	
Name (Printed/Typed) ANTHONY MAGANA	Title ENGINEER	ACCEPTED FOR RECORD OCT 15 2015 BUREAU OF LAND MANAGEMENT CARLSBAD FIELD OFFICE	
Signature (Electronic Submission)	Date 05/26/2015		
THIS SPACE FOR FEDERAL OR STATE OFFICE USE			
Approved By _____		Title _____	
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.			

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

Well Name: Forty Niner Ridge Unit 103H

A. Wellbore & Geology

1. Geological Name:	<u>Lower 2nd Bone Springs</u>	Geological Description:	<u>Sandstone</u>
Formation Depths:	Top <u>9705'</u>	Bottom <u>9820'</u>	
2. Confining Zones:	Top <u>9610'</u>	Bottom <u>9705'</u>	
	Top <u>9820'</u>	Bottom <u>9950'</u>	
3. Usable water depths:	MD <u>285'</u>	TVD <u>285'</u>	

B. Geological Mapping

NA

C: Water Usage

1. Water Supply:	Source <u>Fas-Line</u>	Location <u>Potash Mine water</u>
	Source <u></u>	Location <u></u>
	Source <u></u>	Location <u></u>
	Source <u></u>	Location <u></u>
2. Water Transfer:	Route: <u>See attachment 1</u>	
	Method: <u>10" Polyurethane line</u>	

D. Hydraulic Fracturing Plan

1. Total Volume:	<u>250,000</u>	<u>bbls</u>
2. Max Pressure:	<u>8000</u>	<u>psi</u>
3. Hydraulic Fracturing Map:		
a. Map Trajectory of wellbore:	<u>See attachment 2</u>	
b. Map of est. Height & Length:	<u>See attachment 3</u>	
c. Map of near by wellbores:	<u>See attachment 4</u>	
d. Frac height to usable water top:	<u>9400'</u>	
e. Perforated interval:	<u>18315'-10066'</u>	

E. Fluid Recovery

1. Fluid to be recovered:	<u>250,000</u>	<u>bbls</u>
2. Handling of PW:	<u>Flow back though separation equipment and tanks.</u>	
3. Disposal Method:	<u>Poly line to Strata SWD.</u>	

F. Add. Info Required in NOI

1. Additional disturbance:	<u>NA</u>	
2. Documentation of csg & cmt for usable water zones:	<u>Submitted 3160-5</u>	



Google earth
Earth Point

500

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Imagery Date: 7/13/2011

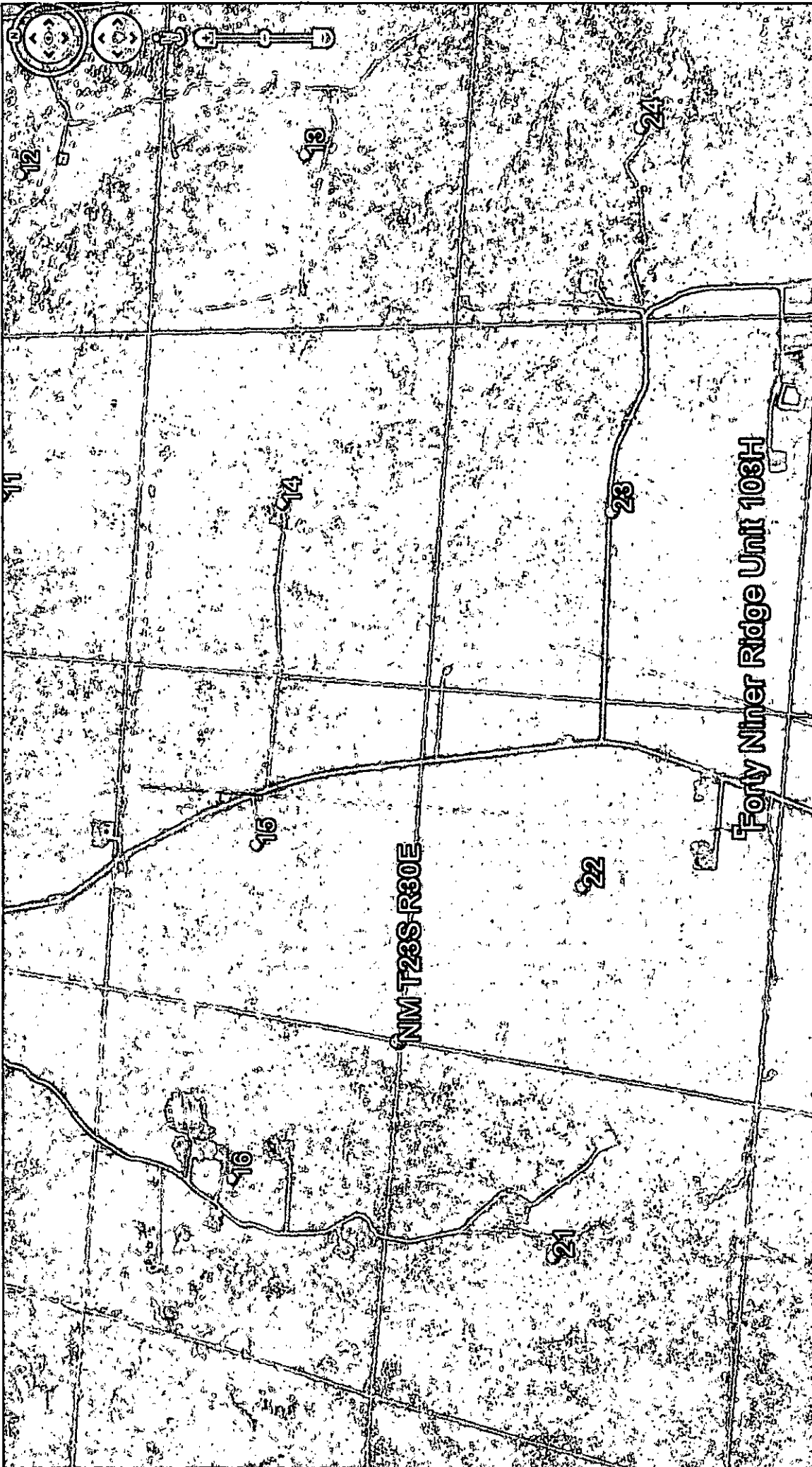
32°17'22.45" N 103°57'10.55" W elev 3214ft credit 15369110

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Nevada

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Imagery Date: 7/13/2011

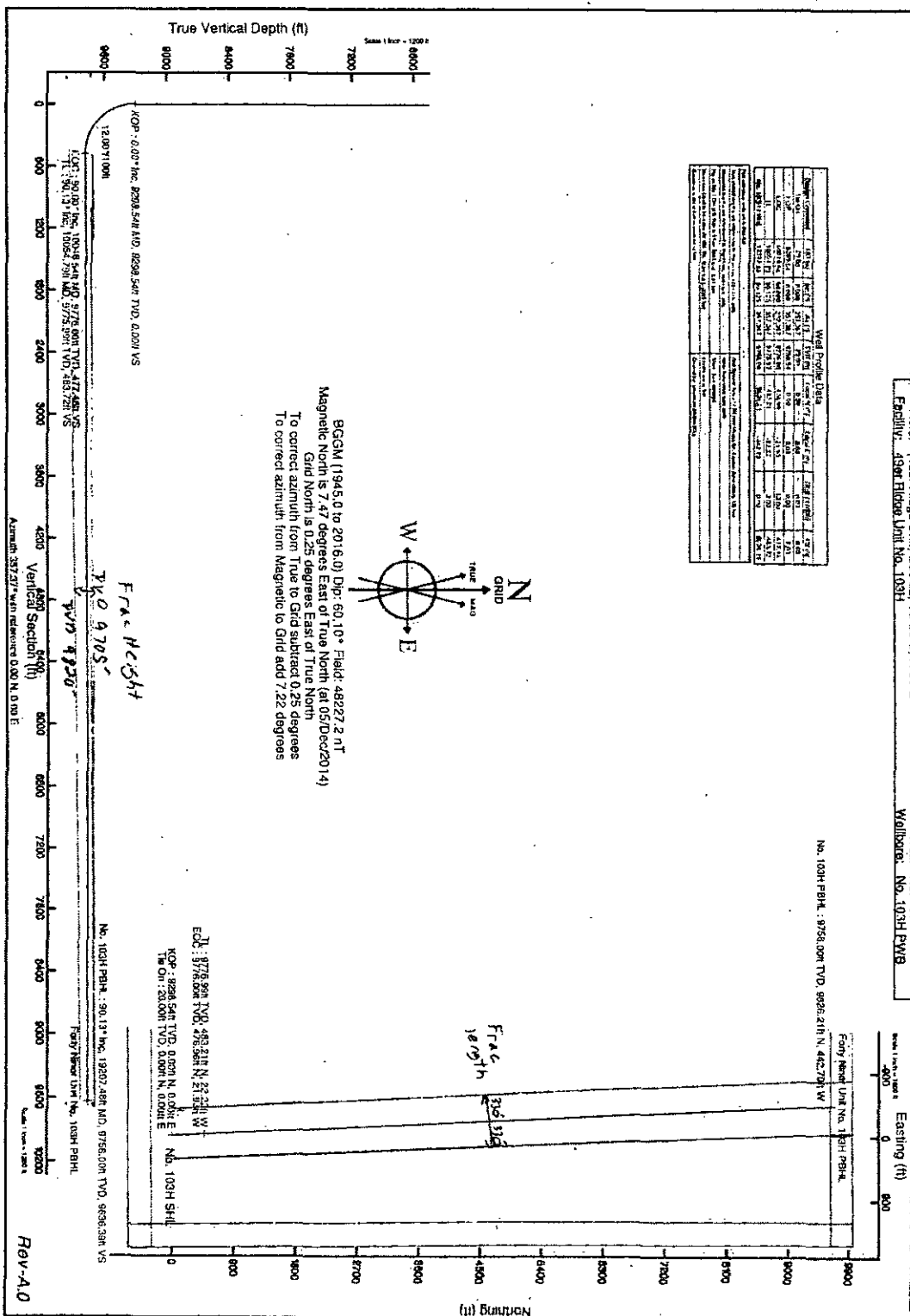


Mewbourne Oil Company

Location: Eddy County, NM
Field: (49er Ridge Unit) Sec 22, TS 23-S, R 30-E
Facility: 49er Ridge Unit No. 103H

Slot: No. 103H SHL
Wall: No. 103H
Wallbar: No. 103H PYW

**BAKER
HUGHES**

[illegible]



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Neevia docConverter 5.0.0

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Imagery Date: 2/15/2014

32°17'41.30" N 103°51'15.70" W elev 3223 ft eyed 29956 ft