

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

N.M. OIL CONSERVATION DIVISION  
811 S. FIRST STREET  
ARTESIA, NM 88210

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

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

5. Lease Serial No.  
NM-4434  
6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2.

1. Type of Well  
 Oil Well     Gas Well     Other

7. If Unit of CA/Agreement, Name and/or No.

2. Name of Operator  
Mack Energy Corporation

8. Well Name and No.  
Victoria Federal #2

3a. Address  
P.O. Box 960 Artesia, NM 88210-0960

3b. Phone No. (include area code)  
(575) 748-1288

9. API Well No.  
30-005-104088

4. Location of Well (Footage, Sec., T.R.M. or Survey Description)  
1650 FSL & 330 FWL, Sec. 19 T15S R29E

10. Field and Pool or Exploratory Area  
Round Tank; San Andres

11. Country or Parish; State  
Chaves, 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 checked="" 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 must 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 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.)

Mack Energy is proposing to change the Name of the Calgary Federal #2 to the Victoria Federal #2. Drill a vertical San Andres well. The TD and casing strings will also change as follows:

Surface Casing: Drill 12 1/4" hole to 450', run 8 5/8" 24# J-55 casing and cement w/450sx Class C+1% PF1, 14.8 ppg, 1.33 yield. Safety Factors C/B/T 6.808/5.537/5.9

Production Casing: Drill 7 7/8 hole to 3,500', run 5 1/2 17# L-80 casing and cement Lead w/225sx 35/65Poz C + 5%PF44 + 6%PF20 + .25#/sxPF46 + .125#/sxPF29 + 3PF46, 11.9 ppg, 2.02 yield. Tail 200sx PVL + 3%PF44 + 5%PF174 + 5%PF606 + 1%PF153 + .2%PF13, 13.0 ppg, yield 1.47. Safety Factors-C/B/T 3.456/2.644/2.580.

*RL Wade 7/24/13*  
Accepted for record  
NMOCD

**RECEIVED**  
JUL 24 2013  
NMOCD ARTESIA

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)  
Jerry W. Sherrell

Signature *Jerry W. Sherrell*

Title Production Clerk  
Date 7/17/13

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by **/S/ DAVID R. GLASS**  
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.

**PETROLEUM ENGINEER**  
Title  
Date **JUL 22 2013**  
Office **ROSWELL FIELD OFFICE**

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for my 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.

DISTRICT I  
1625 N. FRENCH DR., HOBBS, NM 80240

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
Revised October 12, 2005  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

DISTRICT II  
1301 W. GRAND AVENUE, ARTESIA, NM 86210

OIL CONSERVATION DIVISION  
1220 SOUTH ST. FRANCIS DR.  
Santa Fe, New Mexico 87505

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV  
1220 S. ST. FRANCIS DR., SANTA FE, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

AMENDED REPORT

API Number	Pool Code 52770	Pool Name Round Tank; San Andres
Property Code	Property Name VICTORIA FEDERAL	Well Number 2
OGRID No. 013837	Operator Name MACK ENERGY CORPORATION	Elevation 3731'

Surface Location

Ul. or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
3	19	15-S	29-E		1650	SOUTH	330	WEST	CHAVES

Bottom Hole Location If Different From Surface

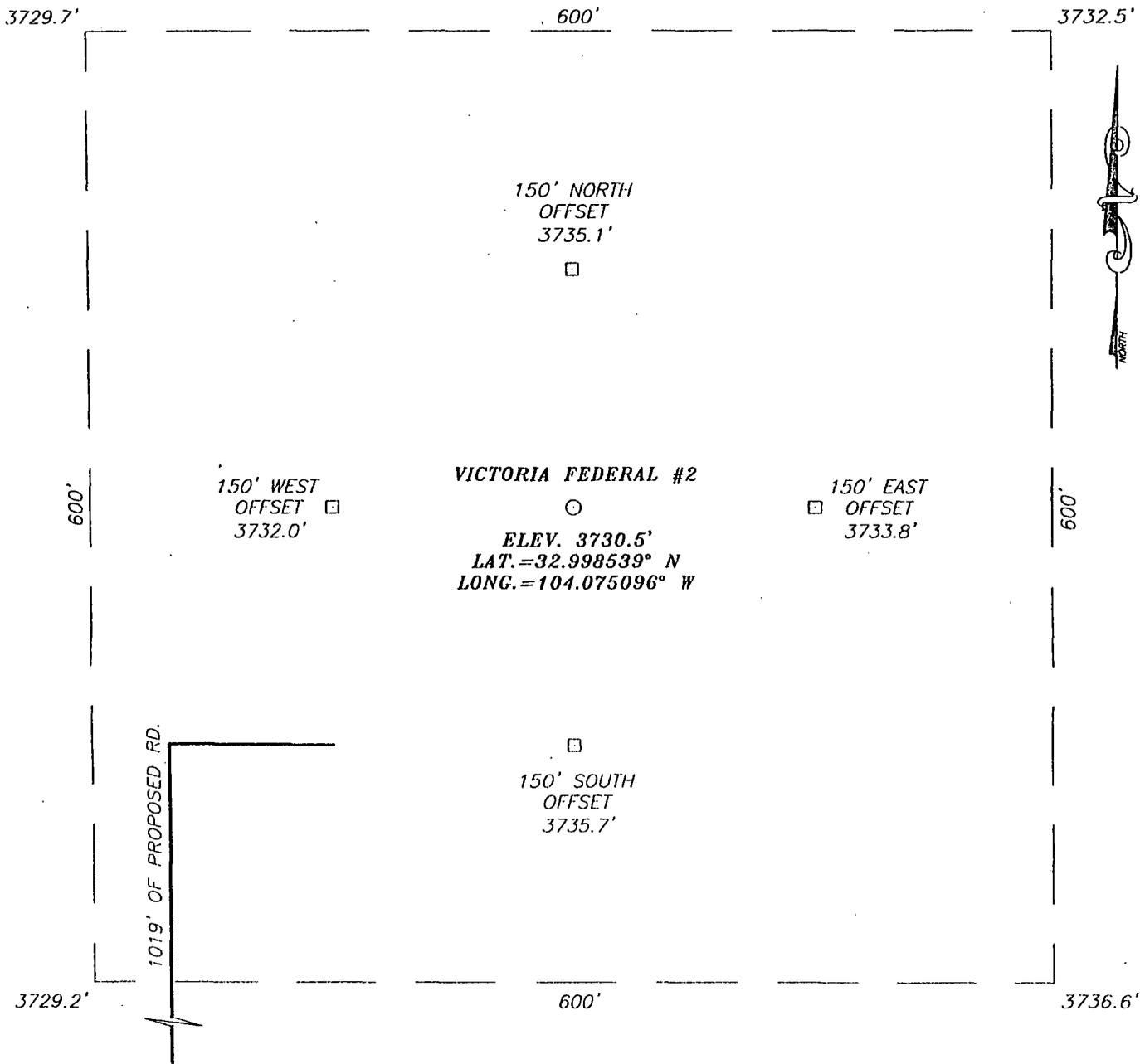
Ul. or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres 40.29	Joint or Infill	Consolidation Code	Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

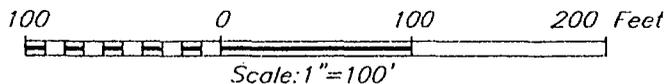
<p>LOT 1</p> <p>LOT 2</p> <p>LOT 3</p> <p>LOT 4</p> <p>330'</p> <p>1650'</p> <p>SEE DETAIL</p> <p>SEE DETAIL</p> <p>3729.7'</p> <p>3732.5'</p> <p>600'</p> <p>600'</p> <p>3729.2'</p> <p>3736.6'</p> <p>GEODETIC COORDINATES NAD 27 NME</p> <p>Y=727078.3 N X=579172.6 E</p> <p>LAT.=32.998539° N LONG.=104.075096° W</p>	<p><b>OPERATOR CERTIFICATION</b></p> <p>I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><i>Jerry W. Sherrell</i> 10/8/08 Signature Date</p> <p>Jerry W. Sherrell Printed Name</p> <hr/> <p><b>SURVEYOR CERTIFICATION</b></p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>SEPTEMBER 12 2008 NEW MEXICO Date Surveyed AR</p> <p>Signature &amp; Seal of Professional Surveyor <i>Ronald J. Eidson</i> 09/22/08 08/17/08</p> <p>Certificate No. GARY EIDSON 12841 RONALD J. EIDSON 3239</p>
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**SECTION 19, TOWNSHIP 15 SOUTH, RANGE 29 EAST, N.M.P.M.,**  
 CHAVES COUNTY, NEW MEXICO



**DIRECTIONS TO LOCATION**

FROM THE INTERSECTION OF CO. RD. #217 (HAGERMAN CUTOFF) AND CO. RD. #256 (BOOGER LANGSTON), GO NORTH ON CO. RD. #217 APPROX. 1.1 MILE TO LEASE ROAD. TURN LEFT AND GO NORTHWEST APPROX. 5.1 MILES. TURN LEFT AND GO WEST APPROX. 0.4 MILES TO A PROPOSED ROAD SURVEY. FOLLOW ROAD SURVEY NORTH APPROX. 1019 FEET TO THIS LOCATION.



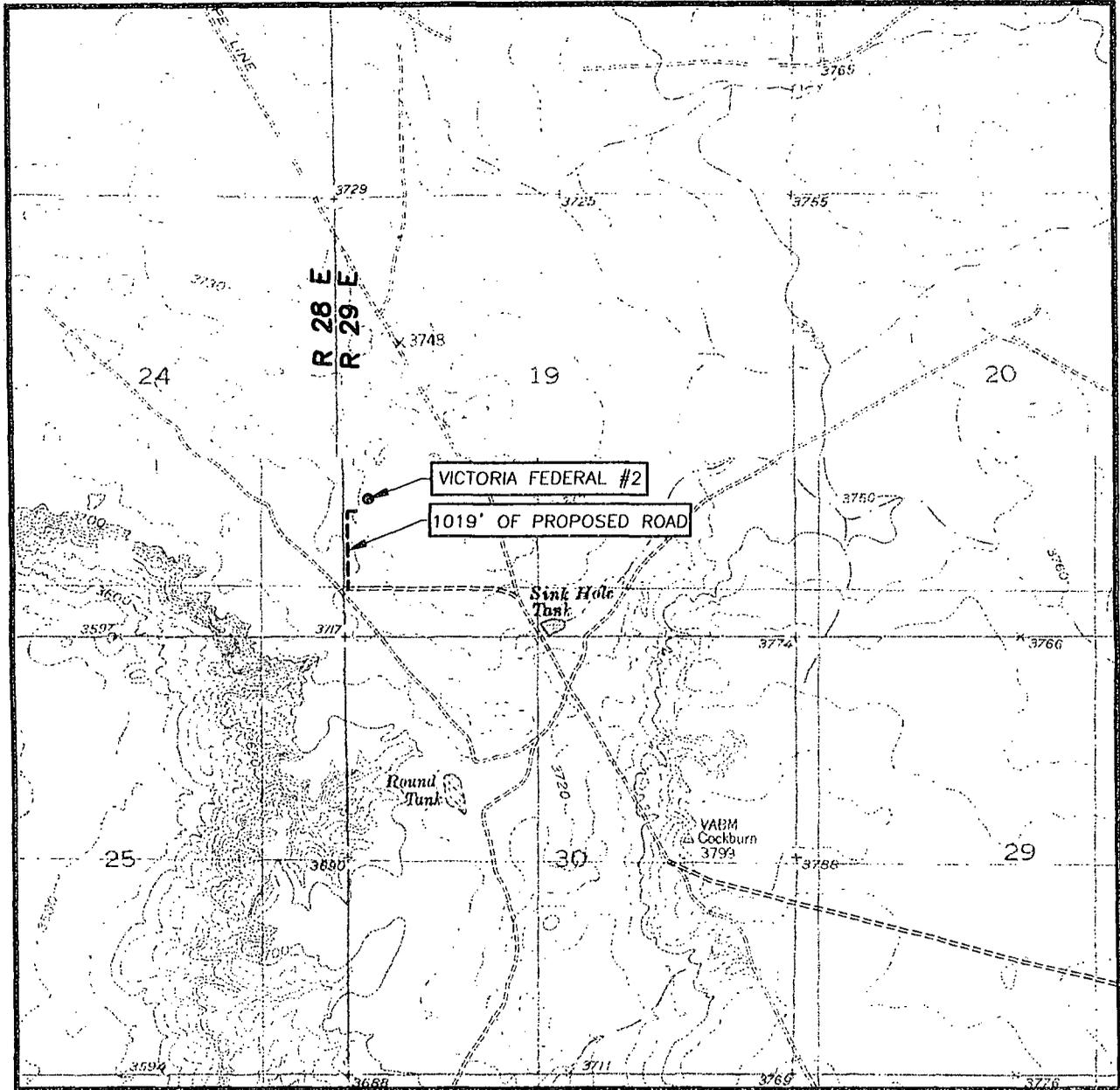
PROVIDING SURVEYING SERVICES  
 SINCE 1946  
**JOHN WEST SURVEYING COMPANY**  
 412 N. DAL PASO  
 HOBBS, N.M. 88240  
 (575) 393-3117

**MACK ENERGY CORPORATION**

VICTORIA FEDERAL #2 WELL  
 LOCATED 1650 FEET FROM THE SOUTH LINE  
 AND 330 FEET FROM THE WEST LINE OF SECTION 19,  
 TOWNSHIP 15 SOUTH, RANGE 29 EAST, N.M.P.M.,  
 CHAVES COUNTY, NEW MEXICO.

Survey Date: 12/10/08	Sheet 1 of 1 Sheets
W.O. Number: 08.11.2088	Dr By: LA [Signature] Rev 1: NZA
Date: 12/11/08	REL: 08111480 08112088 Scale: 1"=100'

# LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL:  
 BASIN WELL, N.M. - 10'  
 KING CAMP, N.M. - 10'

SEC. 19 TWP. 15-S RGE. 29-E

SURVEY N.M.P.M.

COUNTY CHAVES STATE NEW MEXICO

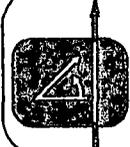
DESCRIPTION 1650' FSL & 330' FWL

ELEVATION 3731'

OPERATOR MACK ENERGY CORPORATION

LEASE VICTORIA FEDERAL

U.S.G.S. TOPOGRAPHIC MAP  
BASIN WELL, N.M.



PROVIDING SURVEYING SERVICES  
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**SCANNED**

