

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.

SUBMIT IN TRIPLICATE - Other instructions on page 2.

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NM-4434
2. Name of Operator Mack Energy Corporation		6. If Indian, Allottee or Tribe Name
3a. Address P.O. Box 960 Artesia, NM 88210-0960	3b. Phone No. (include area code) (575) 748-1288	7. If Unit of CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T.R.M. or Survey Description) 1650 FSL & 330 FWL, Sec. 19 T15S R29E		8. Well Name and No. Victoria Federal #2
		9. API Well No. 30-005-104088
		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	

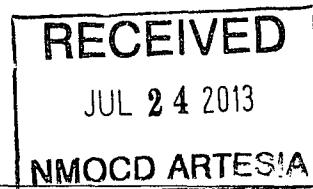
13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomple horizontally, give subsurface locations and measured and true vertical depths 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 recomple 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.

RLW 7/24/13
Accepted for record
NMOCD



14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) Jerry W. Sherrell		Title Production Clerk
Signature <i>Jerry W. Sherrell</i>		Date 7/17/13

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by /S/ DAVID R. GLASS	PETROLEUM ENGINEER	Date JUL 22 2013
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	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

DISTRICT II
1301 W. GRAND AVENUE, ARTESIA, NM 88210

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

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

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

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'

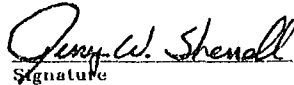
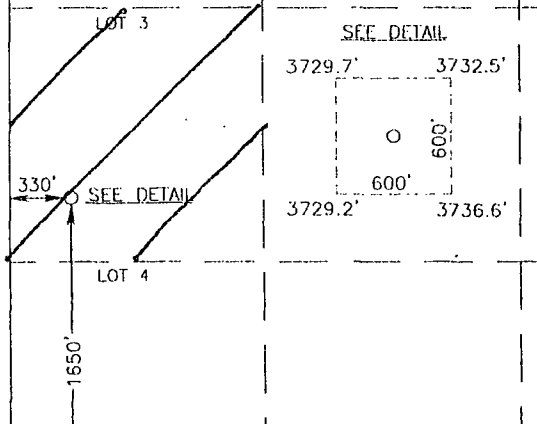
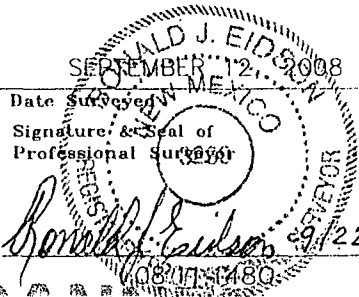
Surface Location

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

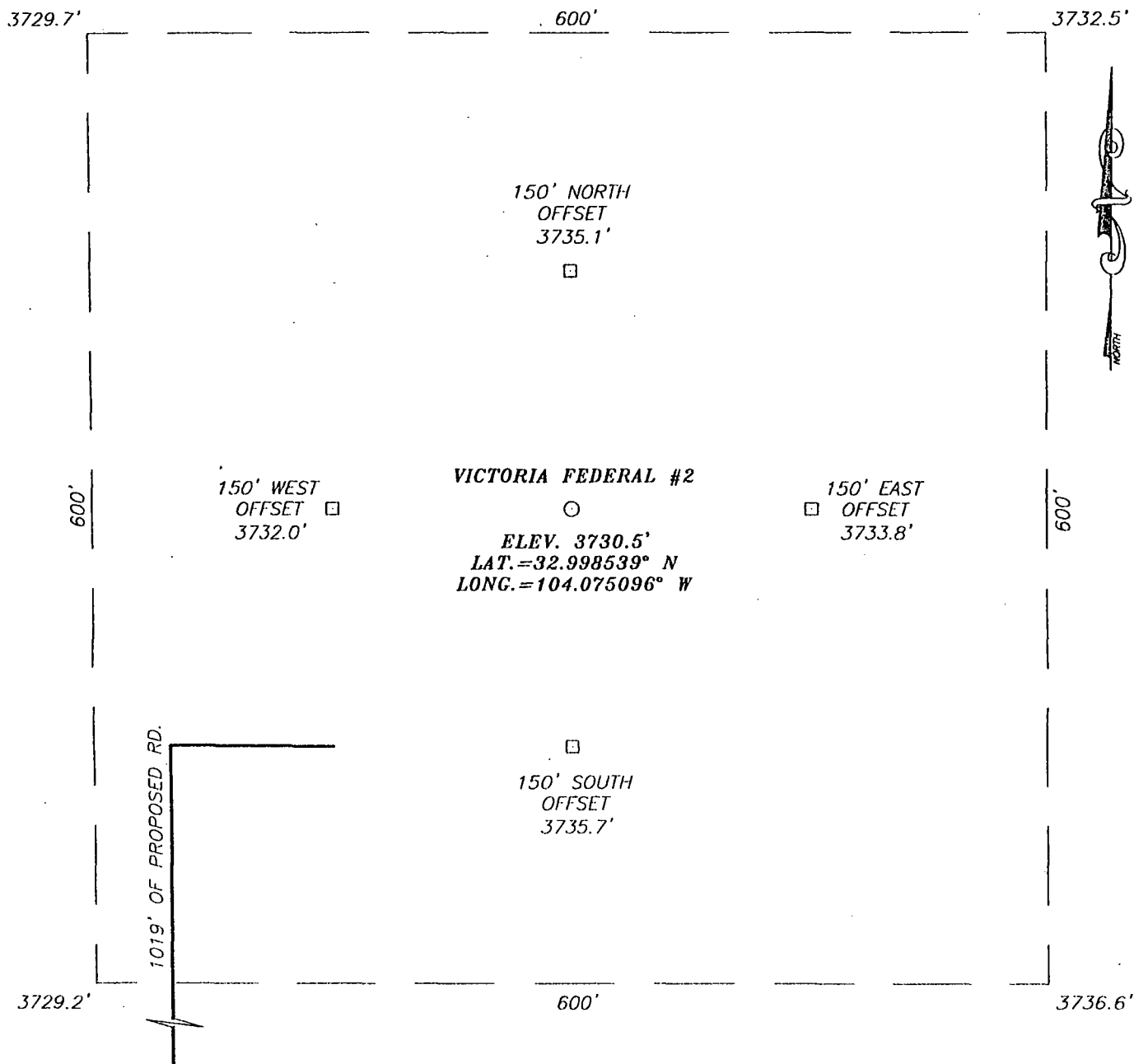
Bottom Hole Location If Different From Surface

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.						

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

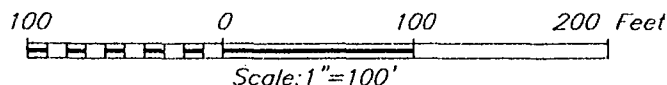
LOT 1						OPERATOR CERTIFICATION I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to 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.  10/8/08 Signature Date Jerry W. Sherrell Printed Name
LOT 2						
LOT 3						
LOT 4						
<p>GEODETIC COORDINATES NAD 27 NME Y=727078.3 N X=579172.6 E LAT.=32.998539° N LONG.=104.075096° W</p> <p>SEE DETAIL</p> 						SURVEYOR CERTIFICATION 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.  Date Surveyed Signature & Seal of Professional Surveyor Certificate No. 12841 RONALD J. EIDSON 3239

SECTION 19, TOWNSHIP 15 SOUTH, RANGE 29 EAST, N.M.P.M.,
CHAVES COUNTY, NEW MEXICO



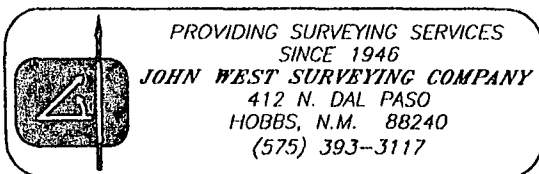
DIRECTIONS TO LOCATION

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.



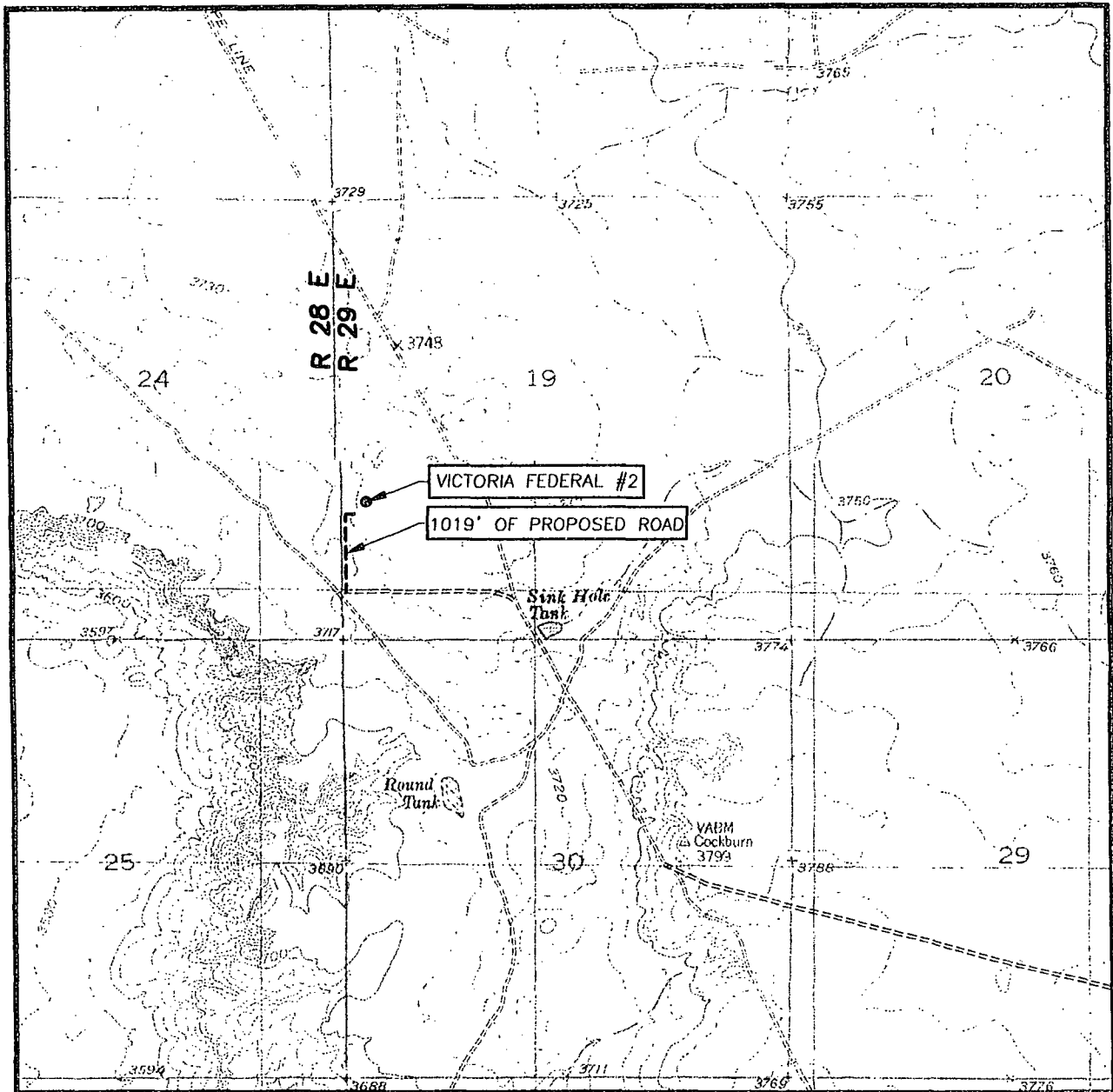
MACK ENERGY CORPORATION

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

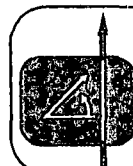
DESCRIPTION 1650' FSL & 330' FWL

ELEVATION 3731'

OPERATOR MACK ENERGY CORPORATION

LEASE VICTORIA FEDERAL

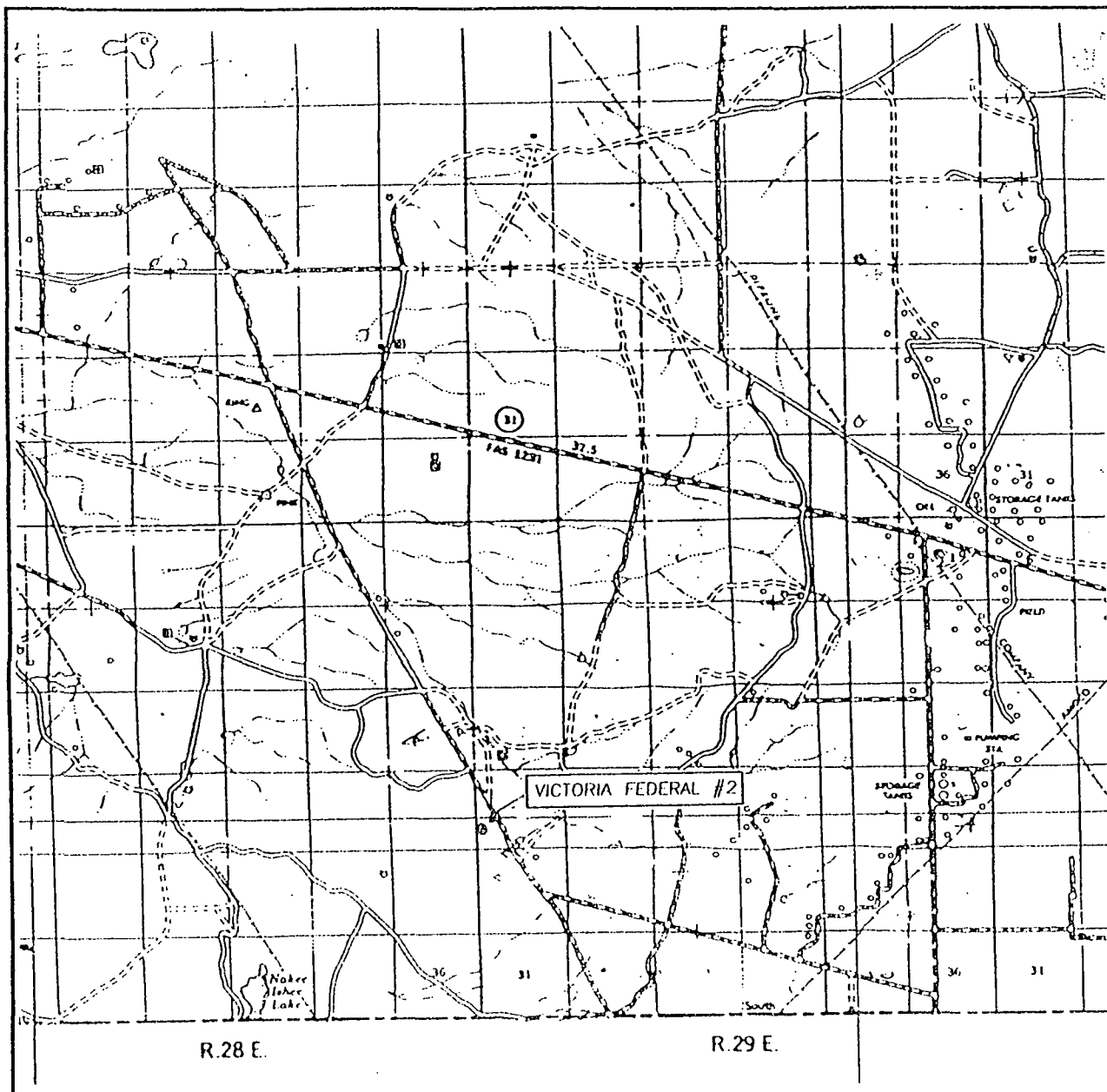
U.S.G.S. TOPOGRAPHIC MAP
BASIN WELL, N.M.



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

SCANNED

VICINITY MAP



SCALE: 1" = 2 MILES

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



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SCA