

District I
1625 N French Dr, Hobbs, NM 88240
District II
1301 W Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S St Francis Dr, Santa Fe, NM 87505

RECEIVED
FEB 18 2010
HOBBSDO
State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-101
June 16, 2008

Submit to appropriate District Office

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

Operator Name and Address XTO Energy Inc 200 N. Lorraine St., Ste. 800, Midland, TX 79701		OGRID Number 5380
Property Code 301587	Property Name North Vacuum ABO Unit	API Number 30 - 025 - 39694
Well No 308 H		
Proposed Pool 1 North Vacuum ABO		Proposed Pool 2

Surface Location

UL or lot no P	Section 26	Township 17S	Range 34E	Lot Idn	Feet from the 380	North/South line South	Feet from the 350	East/West line East	County Lea
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Proposed Bottom Hole Location If Different From Surface

UL or lot no A	Section 26	Township 17S	Range 34E	Lot Idn	Feet from the 330	North/South line North	Feet from the 350	East/West line East	County Lea
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Additional Well Information

Work Type Code N	Well Type Code O	Cable/Rotary R	Lease Type Code State	Ground Level Elevation 4010'
Multiple No	Proposed Depth 13600	Formation ABO	Contractor McVay	Spud Date March 2010

Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
Surf - 17 1/2"	13 3/8"	48#	400' 1550'	500	Surf
Int. 1 - 12 1/2"	9 5/8"	36#	2800'	1000	Surf
Int. 2 - 8 3/4"	7"	26#	9950'	1900	Surf
Prod - 6 1/8"	4 1/2"	11.6#	13600'	open hole swell	pk r syst.

Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

XTO Energy Proposes to: Drill 17 1/2" hole to 400' - run 13 3/8" csg (48# H-40) w/ Econocem + Halcem C cmt to surf; Drill 12 1/2" hole to 2800' - run 9 5/8" csg (36# J-55) w/ Econocem + Halcem C cmt to surf; Drill 8 3/4" hole to 9950' - run 7" csg (26# P110) w/ Corrosacem + Halcem H, Econocem + Halcem; Drill 6 1/8" hole to 13600' - run 4 1/2" csg no cmt/open hole swell pk r systm. Mud Program: 0 - 400' - 8.6-9.0 ppv FW; 400' - 2800' - 9.8-10.1 ppv Brine; 2800' - 9950' - 9.3-9.5 ppv Cut Brine; 9950' - 13600' - 8.5-8.7 ppv FW.

BoP: Case III Hydril WP-5000 TP-5000 Schaeffer
Double Ram WP-10000 TP-10000 Schaeffer

CLOSED LOOP SYSTEM - See Attached

** HORIZONTAL **

I hereby certify that the information given above is true and complete to the best of my knowledge and belief

OIL CONSERVATION DIVISION

Signature

Sorine L. Flores

Approved by

[Signature]

Printed name

Sorine L. Flores

Title

PETROLEUM ENGINEER

Title

Drilling Tech.

Approval Date

FEB 24 2010

Expiration Date

E-mail Address

sorine_flores@xenergy.com

Date

2/16/2010

Phone

432-620-6749

Conditions of Approval Attached

☒ SEE BELOW

Permit Expires 2 Years From Approval Date Unless Drilling Underway

CONDITION OF APPROVAL: SURFACE CASING MUST BE SET 25' BELOW TOP OF RUSTLER ANHYDRITE.

RECEIVED

REC'D/MIDLAND
FEB 05 2010

DISTRICT I
1625 N. FRENCH DR., HOBBS, NM 88240

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102

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

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

DISTRICT III
1000 RIO BRAZOS RD., AZTEC, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT
1380 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

DISTRICT IV
1380 S. ST. FRANCIS DR., SANTA FE, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025-39694	Pool Code 61760	Pool Name North Vacuum ABO
Property Code 301587	Property Name NORTH VACUUM ABO UNIT	Well Number 308H
OGRID No. 5380	Operator Name XTO ENERGY	Elevation 4010'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	26	17-S	34-E		380	SOUTH	350	EAST	LEA

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
A	26	17-S	34-E		330	NORTH	350	EAST	LEA

Dedicated Acres 320	Joint or Infill	Consolidation Code	Order No.
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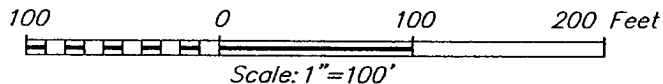
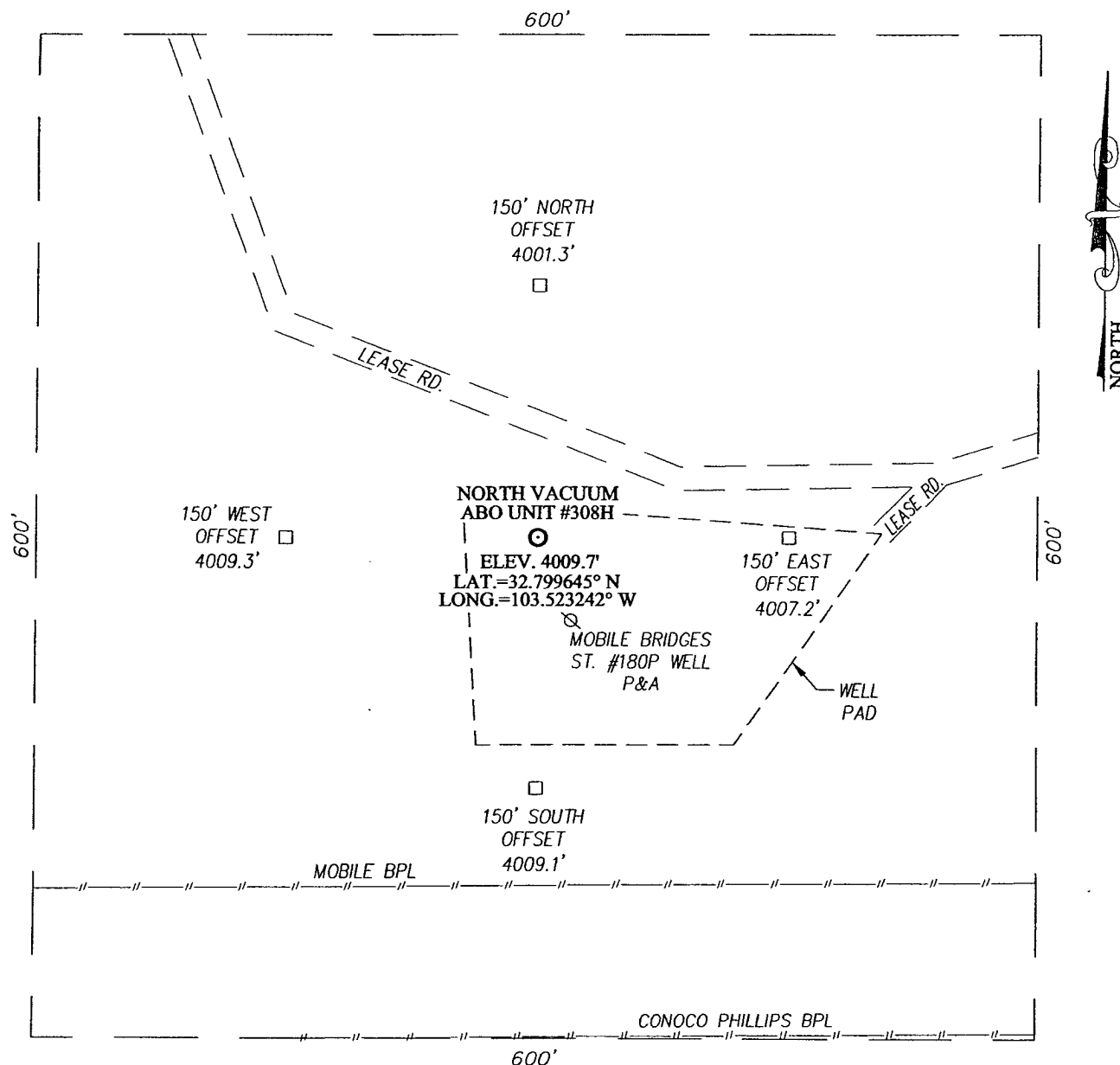
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

GEODETIC COORDINATES NAD 27 NME SURFACE LOCATION Y=655575.1 N X=748923.6 E LAT.=32.799645° N LONG.=103.523242° W BOTTOM HOLE LOCATION Y=660150.8 N X=748884.4 E	GRID AZ = 359° 30' 31" HORIZ. DIST. = 4576.9' B.H. 330' 350' 380' 350'	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. <i>[Signature]</i> 2/5/10 Signature Date Sorina L. Flores Printed Name
		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. GARY G. EIDSON Date Surveyed GARY G. EIDSON Signature & Seal of Professional Surveyor 341 GARY G. EIDSON 2/3/10
		Certificate No. GARY G. EIDSON 12641 RONALD J. EIDSON 3239

SECTION 26, TOWNSHIP 17 SOUTH, RANGE 34 EAST, N.M.P.M.

LEA COUNTY

NEW MEXICO



DIRECTIONS TO LOCATION

FROM THE INTERSECTION OF ST. HWY. #238 AND CO. RD. L50 (BUCKEYE RD.), TURN RIGHT AND GO WEST APPROX. 1.1 MILES. THIS LOCATION STAKE IS APPROX. 50 SOUTH OF LEASE RD.

PROVIDING SURVEYING SERVICES
SINCE 1946

JOHN WEST SURVEYING COMPANY

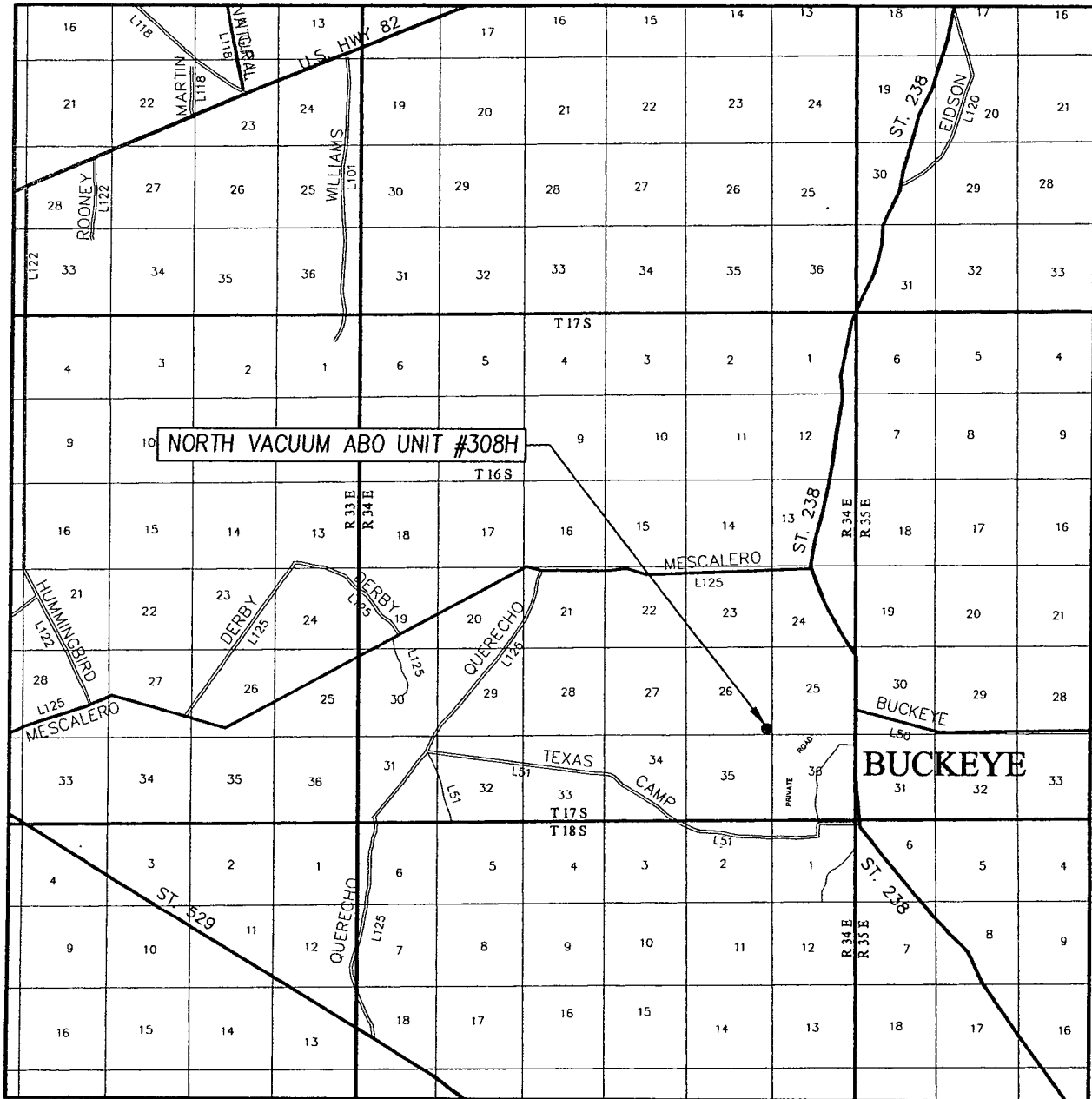
412 N. DAL PASO
HOBBS, N.M. 88240
(575) 393-3117

XTO ENERGY

NORTH VACUUM ABO UNIT #308H WELL
LOCATED 380 FEET FROM THE SOUTH LINE
AND 350 FEET FROM THE EAST LINE OF SECTION 26,
TOWNSHIP 17 SOUTH, RANGE 34 EAST, N.M.P.M.,
LEA COUNTY, NEW MEXICO

Survey Date: 01/27/10	Sheet 1 of 1 Sheets
W.O. Number: 09.11.1023	Dr By: DSS
Date: 01/29/10	09111023
	Scale: 1"=100'

VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 26 TWP. 17-S RGE. 34-E

SURVEY N.M.P.M.

COUNTY LEA STATE NEW MEXICO

DESCRIPTION 380' FSL & 350' FEL

ELEVATION 4010'

OPERATOR XTO ENERGY

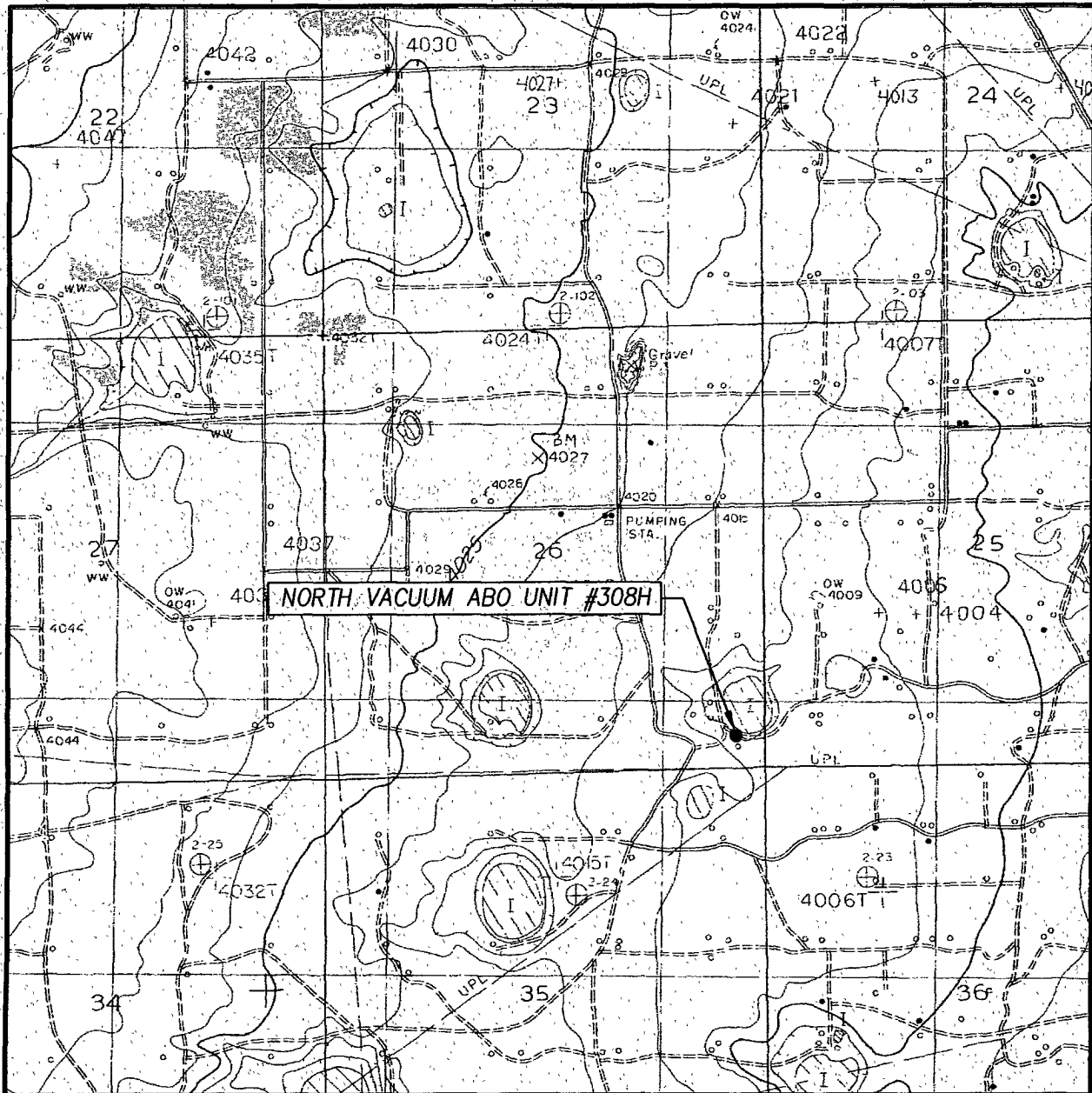
LEASE NORTH VACUUM ABO UNIT

PROVIDING SURVEYING SERVICES
SINCE 1946

JOHN WEST SURVEYING COMPANY

412 N. DAL PASO
HOBBS, N.M. 88240
(575) 393-3117

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL:
BUCKEYE, N.M. - 10'

SEC. 26 TWP. 17-S RGE. 34-E
SURVEY N.M.P.M.
COUNTY LEA STATE NEW MEXICO
DESCRIPTION 380' FSL & 350' FEL
ELEVATION 4010'

OPERATOR XTO ENERGY
LEASE NORTH VACUUM ABO UNIT
U.S.G.S. TOPOGRAPHIC MAP
BUCKEYE, N.M.



PROVIDING SURVEYING SERVICES
SINCE 1946
JOHN WEST SURVEYING COMPANY
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