

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 State of New Mexico
Energy Minerals and Natural Resources
MAR 15 2011
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 Primero Operating, Inc., P.O. Box 1433, Roswell, NM 88202		OGRID Number 018100
Property Code 38628	Property Name Grover	API Number 30-041-20945
Proposed Pool 1 Wildcat (Fusselman) PETERSON; FUSSELMAN, SOUTH		Well No. 1

Surface Location									
UL or lot no. I	Section 32	Township 5S	Range 33E	Lot Idn	Feet from the 1930	North/South line South	Feet from the 660	East/West line East	County Roosevelt

Proposed 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

Additional Well Information				
Work Type Code N	Well Type Code O	Cable/Rotary R	Lease Type Code P	Ground Level Elevation 4379
Multiple N	Proposed Depth 8300	Formation Fusselman	Contractor UDI	Spud Date 5/23/11

Proposed Casing and Cement Program					
Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12 1/4	8 5/8	24	2200	1000	Circulate
7 7/8	5 1/2	17	8200	900	Circulate

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.

We propose to drill a 12 1/4" hole to the top of the Russler Formation (est 2200') and set 8 5/8" casing. The 8 5/8" casing will be cemented with an adequate volume of cement to circulate to surface. While WOC we will nipple up a double ram BOP (3000 psi) and after WOC a minimum of 18 hours we propose to commence drilling a 7 7/8" hole. The 7 7/8" hole will be drilled to TD and the well will be logged and a decision will be made to attempt to complete or plug. If the hole is dry it will be plugged per NMOC rules and regulations. If a completion attempt is made 5 1/2" casing will be run and cemented. The well will be tested using perforations in the 5 1/2" casing.

Mud Program: 0-2200' fresh, 2200-6500' Brine, 6500-TD Brine and salt gel (vis 40+) and starch (wl <10)

BOP Program: See Diagram

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

Signature:

Printed name: **Phelps White**

Title: **President**

E-mail Address: **pwiv@zianet.com**

Date: **3/15/2011**

Phone: **575 622 1001**

OIL CONSERVATION DIVISION

Approved by:

Title: **PETROLEUM ENGINEER**

Approval Date: **JUN 06 2011**

Expiration Date: **JUN 06 2013**

Conditions of Approval Attached ☐

JUN 08 2011

Permit Expires 2 Years From Approval
Date Unless Drilling Underway

RECEIVED

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

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

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

DISTRICT IV
11930 S. ST. FRANCIS DR., SANTA FE, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

MAR 15 2011
HOHBSOCD

OIL CONSERVATION DIVISION
11930 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

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-041-20945	Pool Code 50358	Pool Name PETERSON; FUSSELMAN, SOUTH
Property Code 38625	Property Name GROVER	Well Number 1
OGRID No. 018100	Operator Name PRIMERO OPERATING INC.	Elevation 4379'

Surface Location

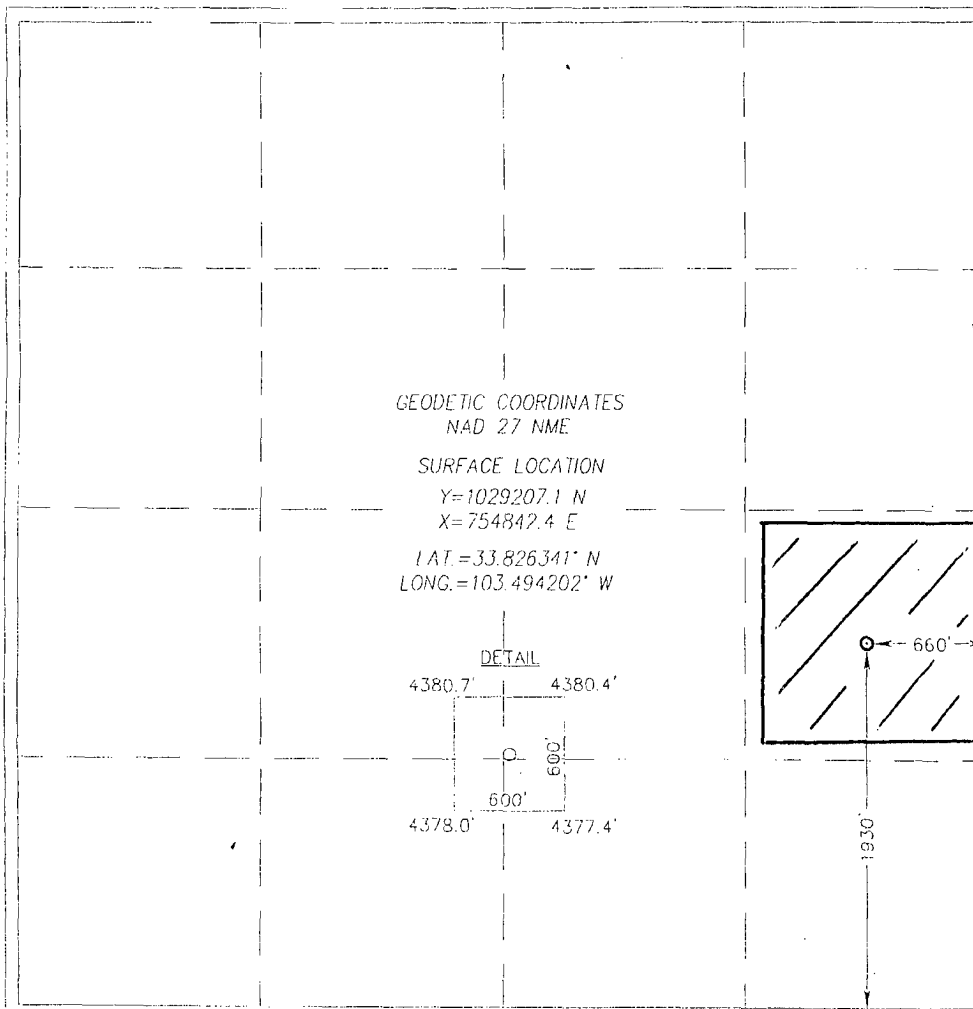
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	32	5-S	33-E		1930	SOUTH	660	EAST	Roosevelt

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	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



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.

Signature

Date

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.

MARCH 1, 2011

Date Surveyed

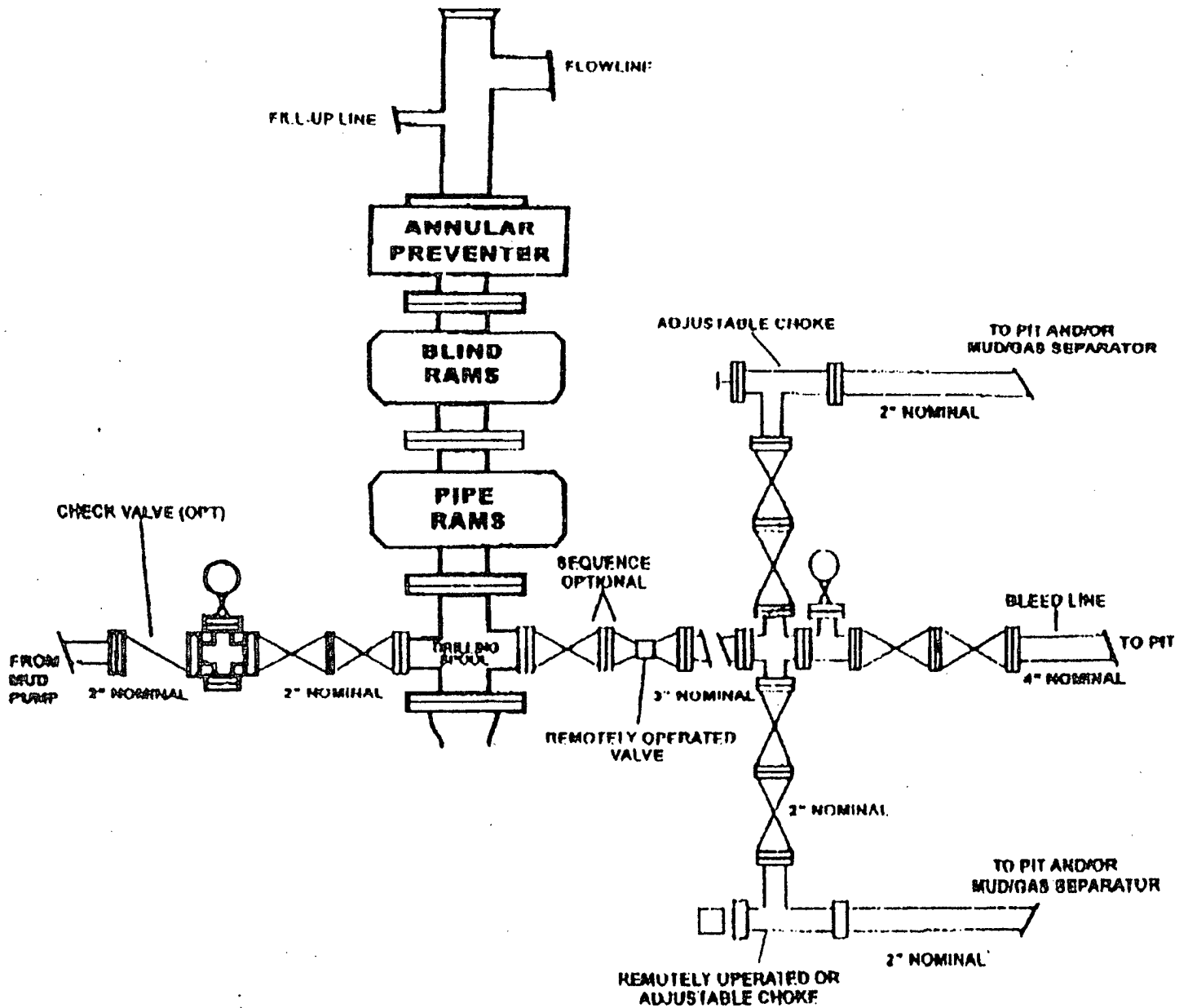
DSS

Signature & Seal of Professional Surveyor

Ronald J. Eidson 03/08/2011
11.11.05125

Certificate No. GARY G. EIDSON 12641
RONALD J. EIDSON 3239

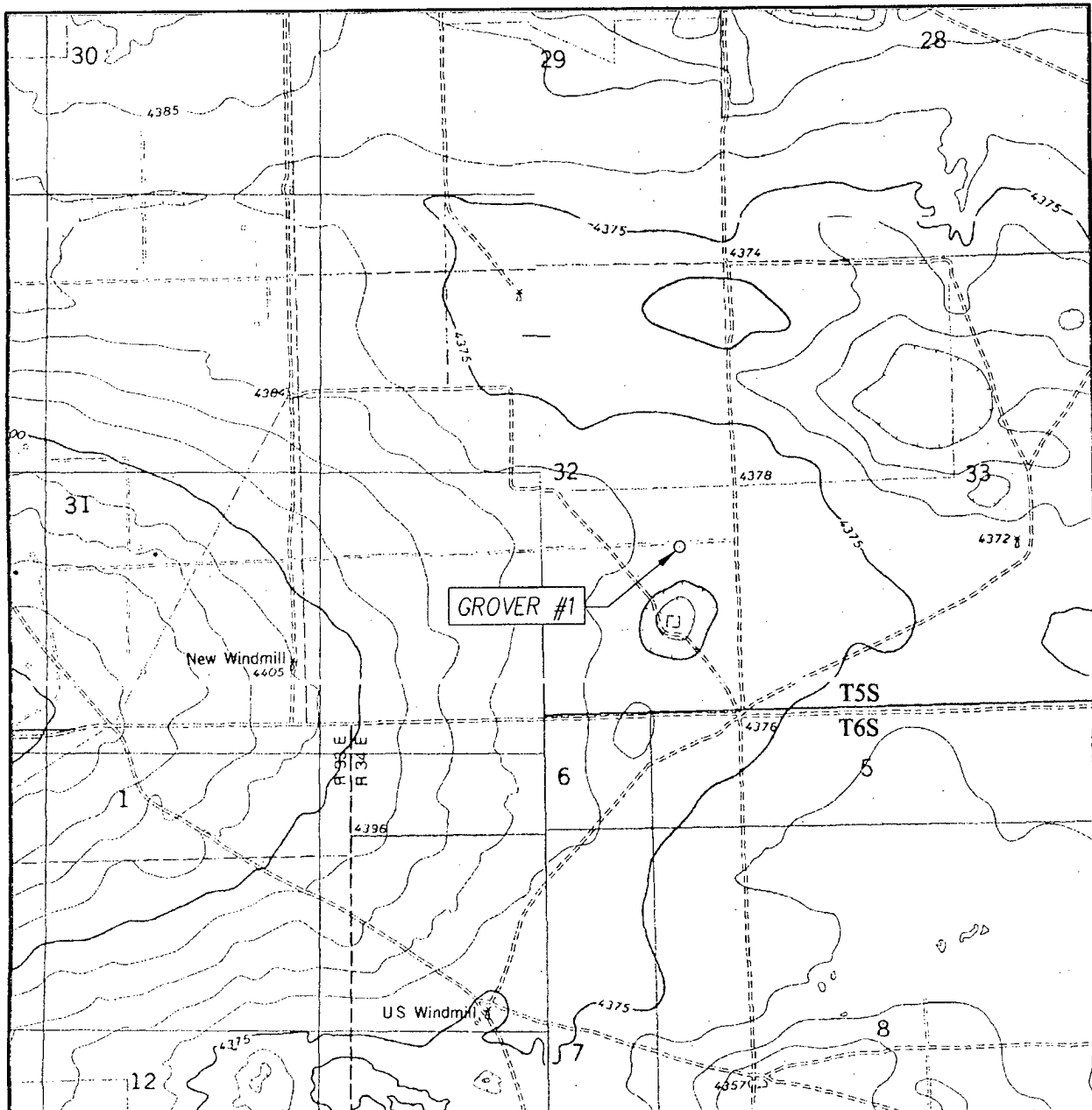
BOP DIAGRAM 3000# SYSTEM



Primero Operating, Inc

Grover #1 BOP Diagram

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL:
DORA SW, N.M. - 5'

SEC. 32 TWP. 5-S RGE. 33-E

SURVEY _____ N.M.P.M.

COUNTY ROOSEVELT STATE NEW MEXICO

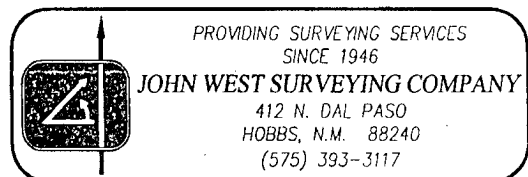
DESCRIPTION 1930' FSL & 660' FEL

ELEVATION 4379'

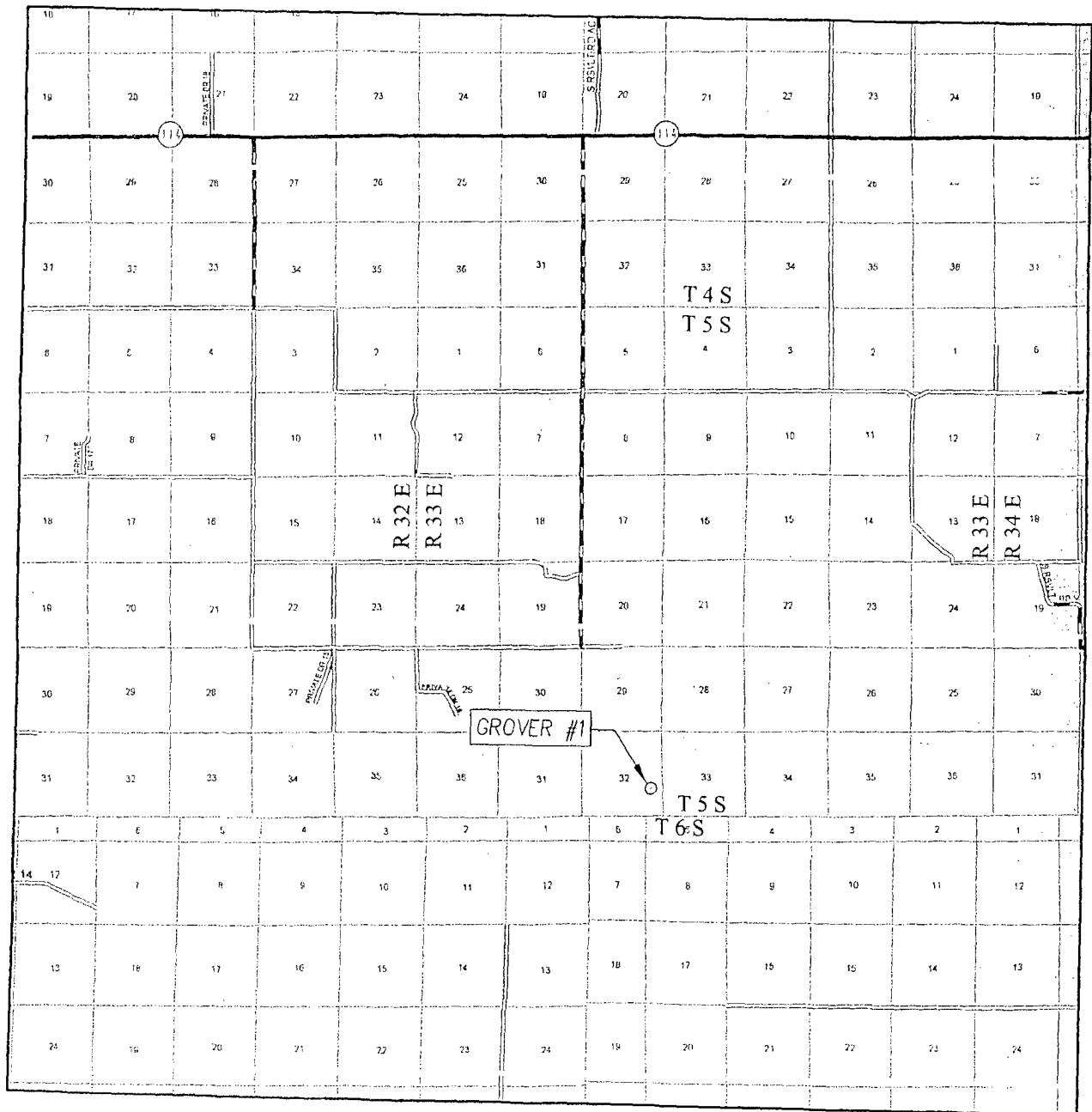
OPERATOR PRIMERO OPERATING INC.

LEASE GROVER

U.S.G.S. TOPOGRAPHIC MAP
DORA SW, N.M.



VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 32 TWP. 5-S RGE. 33-E

SURVEY N.M.P.M.

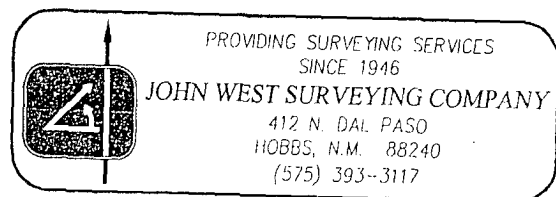
COUNTY ROOSEVELT STATE NEW MEXICO

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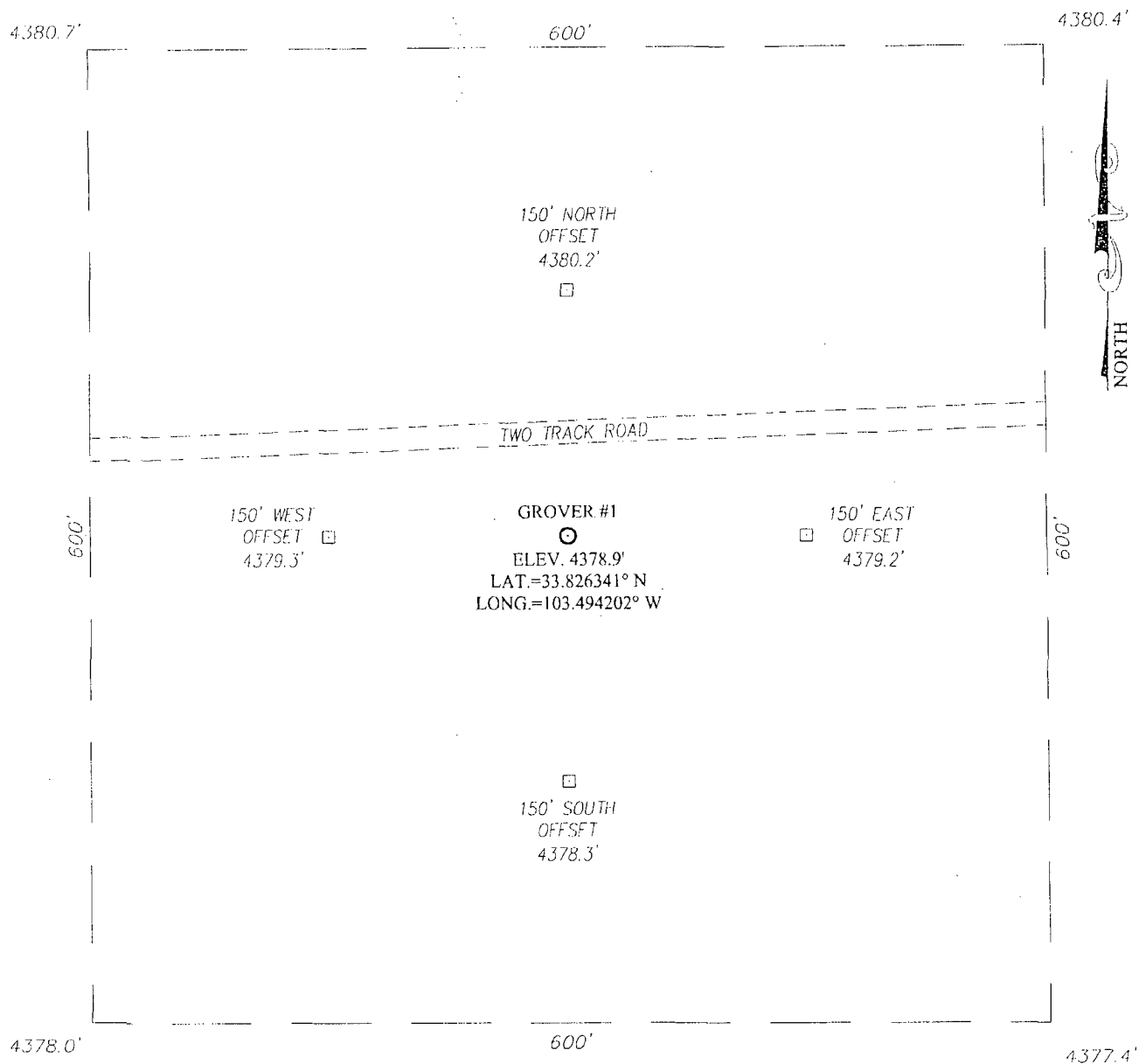
ELEVATION 4379'

OPERATOR PRIMERO OPERATING INC.

LEASE GROVER

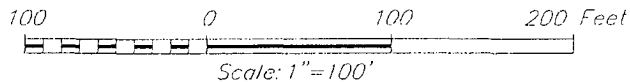


SECTION 32, TOWNSHIP 5 SOUTH, RANGE 33 EAST, N.M.P.M.
ROOSEVELT COUNTY NEW MEXICO



DIRECTIONS TO LOCATION

FROM THE INTERSECTION OF ST. HWY. #114 AND SOUTH ROOSEVELT RD., GO SOUTH ON SOUTH ROOSEVELT RD. APPROX. 7.6 MILES. TURN LEFT AND GO EAST APPROX. 0.8 MILES. THIS LOCATION STAKE IS APPROX. 60 FEET SOUTH OF TWO TRACK RD.



PROVIDING SURVEYING SERVICES
SINCE 1946
JOHN WEST SURVEYING COMPANY
412 N. DAL PASO
HOBBS, N.M. 89240
(575) 393-3117

PRIMERO OPERATING INC.

GROVER #1 WELL
LOCATED 1930 FEET FROM THE SOUTH LINE
AND 660 FEET FROM THE EAST LINE OF SECTION 32,
TOWNSHIP 5 SOUTH, RANGE 33 EAST, N.M.P.M.,
ROOSEVELT COUNTY, NEW MEXICO

Survey Date: 3/1/11	Sheet 1 of 1 Sheets
W.O. Number: 11.11.0512	Dr. By: DSS
Date: 3/4/11	Rel. W.O.: 11110512
	Scale: 1"=100'