

District I
1625 N. Franklin Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88203
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Form C-101
May 27, 2004

Oil Conservation Division
1220 South St. Francis Dr. SEP 07 2007
Santa Fe, NM 87505 **OCD-ARTESIA**

Submit to appropriate District Office

☐ AMENDED REPORT

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

¹ Operator Name and Address Rubicon Oil & Gas, LLC 508 W. Wall St. Ste 500 Midland, TX 79701		² OGRID Number 194266
³ Property Code 36720	⁴ Property Name Lakewood 32-4	⁵ API Number 30-015-35786
⁹ Proposed Pool 1 Wildcat		¹⁰ Proposed Pool 2

7 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South	Feet from the	East/West line	County
H	32	19S	26E		1500	North	660	EAST	EDDY

8 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

¹¹ Work Type Code NEW WELL	¹² Well Type Code GAS	¹³ Cable/Rotary ROTARY	¹⁴ Lease Type Code PRIVATE	¹⁵ Ground Level Elevation 3294'
¹⁶ Multiple NO	¹⁷ Proposed Depth 9,800'	¹⁸ Formation MORROW	¹⁹ Contractor TBD	²⁰ Spud Date 9/15/2007
Depth to Groundwater ^{95'}		Distance from nearest fresh water well 1500'		Distance from nearest surface water > 1000'
Pit: Liner: Synthetic X <u>12</u> mils thick Clay ☐ Pit Volume: <u>5000</u> bbls Drilling Method: Closed-Loop System ☐ Fresh Water ☒ Brine ☐ Diesel/Oil-based ☐ Gas/Air ☐				

21 Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17-1/2"	13-3/8"	48	350'	390	Surface
12-1/4"	9-5/8"	36	1600'	700	Surface
8-3/4"	5-1/2"	17	9800'	1450	1400'

²² 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.

Mud Program - 0-350', MW 8.4-9.0 ppg FW Native spud mud, 350-7500' MW 8.4-8.6 ppg FW, 7500'-9800' MW 8.8-9.4 ppg Cutbrine w/ starch/polymer

BOPE - Diagram attached, Wellbore Diagram attached

H2S - No H2S seen in immediate area Will have minimum compliance package setup prior to drilling out of 9-5/8" casing

Fresh Water Mud to
9 5/8" casing setting depth

**NOTIFY OCD OF SPUD &
TIME TO WITNESS
CEMENTING OF SURFACE &
INTERMEDIATE CASING**

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOC guidelines ☒, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Signature: *Hal Lee*

Printed name: Hal Lee

Title: Agent / Operations Manager

E-mail Address: hal@adventure-energy.com

Date: 9/4/2007

Phone: 432-683-6565

OIL CONSERVATION DIVISION

Approved by:

BRYAN G. ARRANT

DISTRICT II GEOLOGIST

Approval Date: SEP 07 2007

Expiration Date: SEP 07 2008

Conditions of Approval Attached ☐

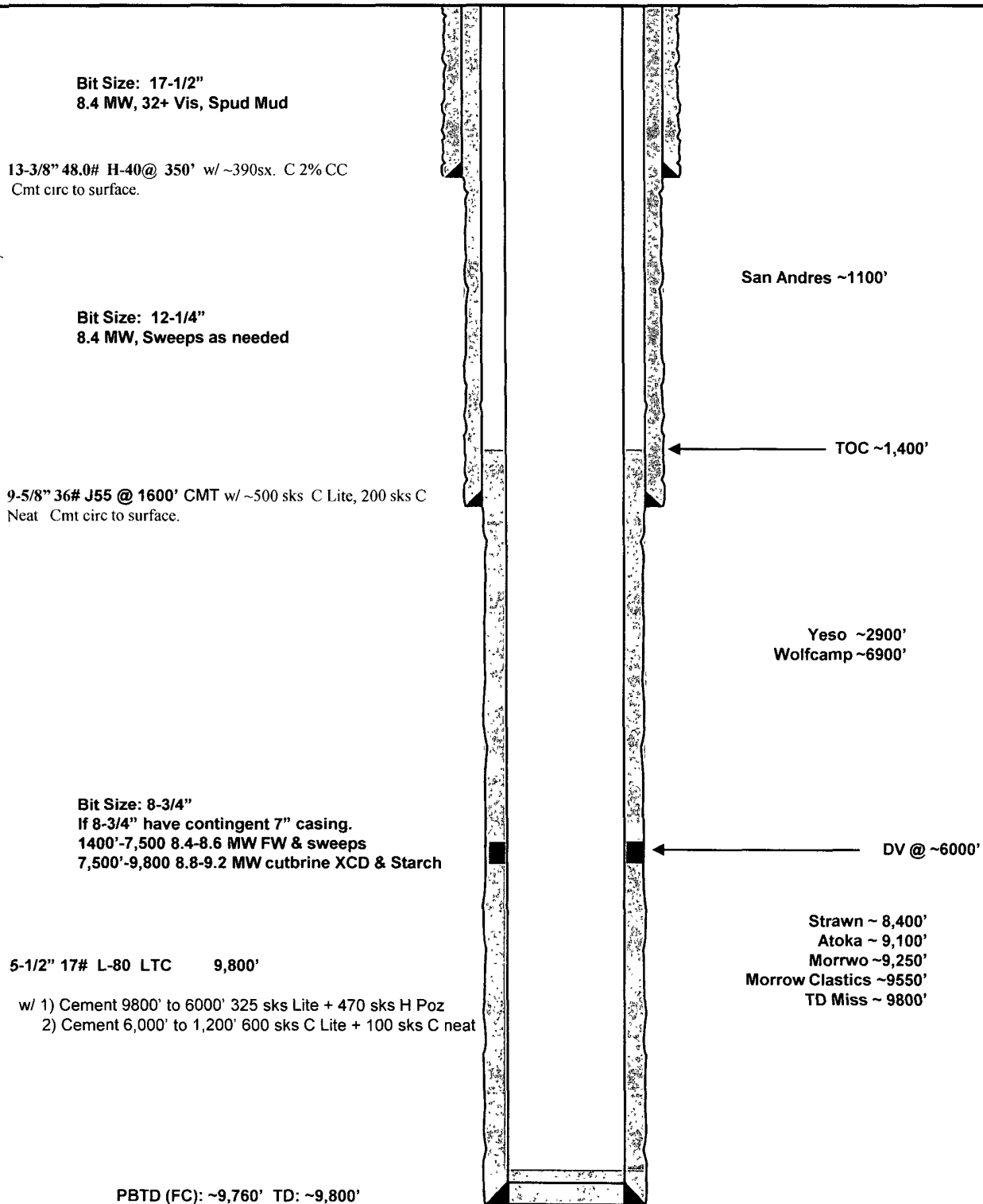
Rubicon Oil & Gas, LLC
Lakewood Prospect

KB: 3311'
GL: 3294'

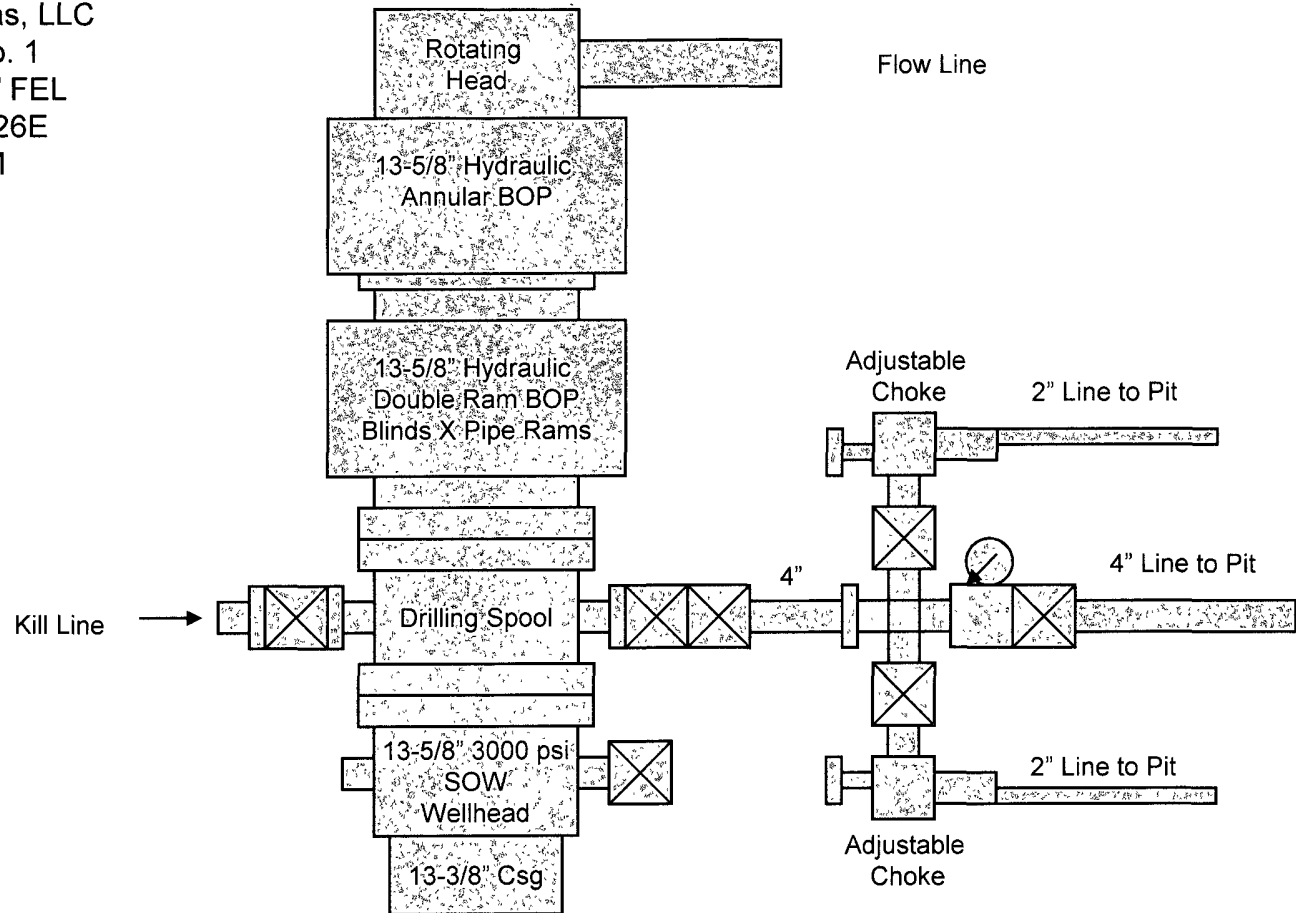
1500' FNL & 660' FEL
Sec. 32, T19S, R26E, UL H
Eddy County, NM

Lakewood 32-1
Eddy County, New Mexico
Proposed Wellbore

TD'd: NA
Spud: 9/15/2007



Rubicon Oil & Gas, LLC
Lakewood 32 No. 1
1500' FNL & 660' FEL
Sec 32, T19S, R26E
Eddy County, NM



3000 psi Working Pressure
BOPE Configuration
And Choke Manifold

Exhibit " ____ "

State of New Mexico

DISTRICT I

1625 N. FRENCH DR., HOBBS, NM 88240

Energy, Minerals and Natural Resources Department

Form C-102

DISTRICT II

1301 W. GRAND AVENUE, ARTESIA, NM 88210

OIL CONSERVATION DIVISION

1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505Revised 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

DISTRICT IV

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number	Pool Code 96070	Pool Name Wildcat - MORAN
Property Code	Property Name LAKEWOOD - 32	Well Number X-1
OGRID No. 194266	Operator Name RUBICON OIL AND GAS, LLC	Elevation 3294'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	32	19-S	26-E		1500	NORTH	660	EAST	EDDY

Bottom Hole Location If Different From Surface

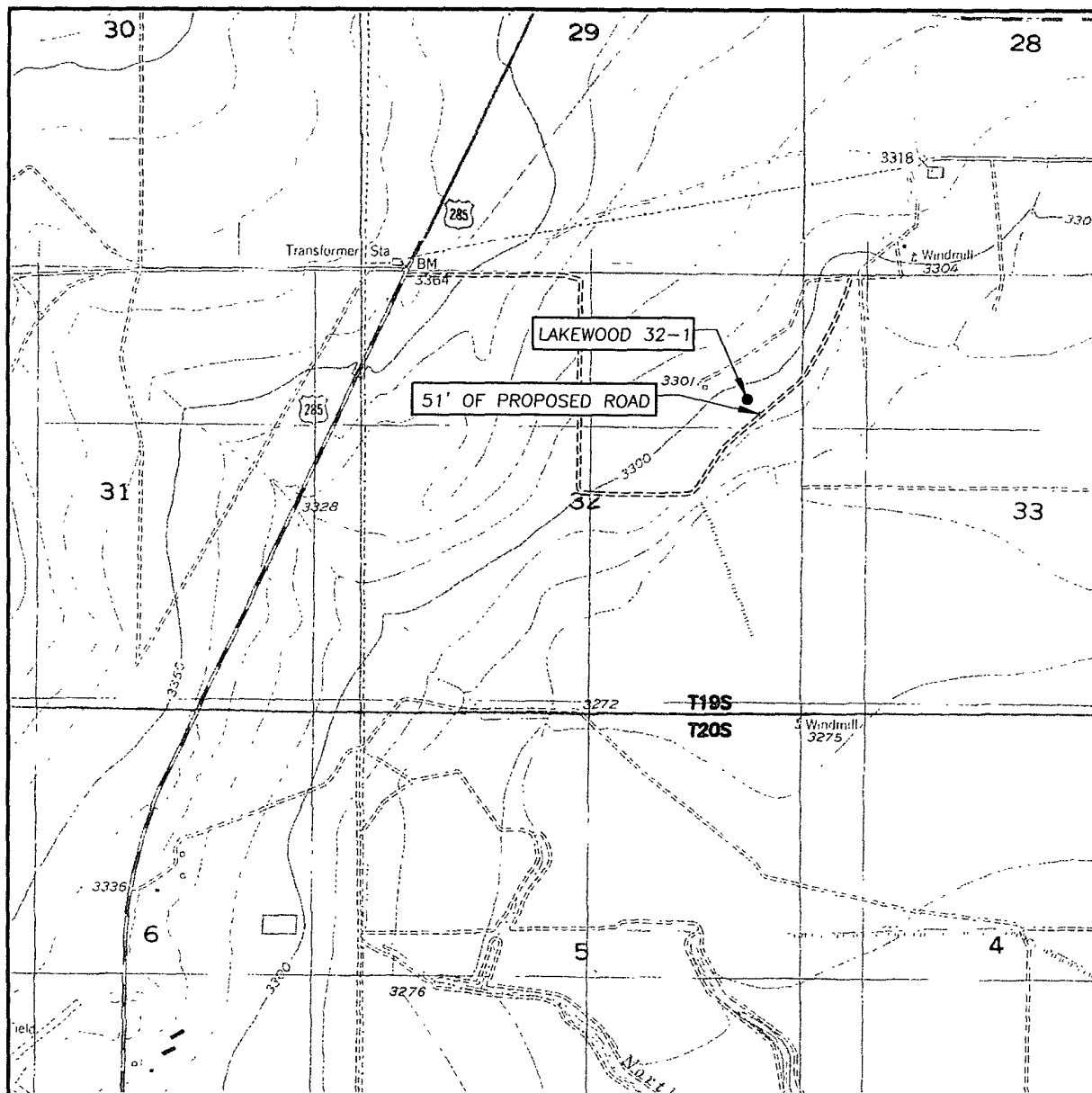
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres 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 Y=589278.2 N X=480376.8 E LAT.=32.620013° N LONG.=104.397068° W	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 of working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. Signature: <u>HAL FOS</u> Date: <u>9/4/2007</u> Printed Name: <u>HAL FOS - AGENT</u>
	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. Signature: <u>Ronald J. Eidson</u> Date: <u>6/15/07</u> Professional Surveyor
	SEAL OF RONALD J. EIDSON NEW MEXICO Professional Surveyor
	Certificate No. GARY EIDSON 12841 RONALD J. EIDSON 3239

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL:
SEVEN RIVERS, N.M. - 10'

SEC. 32 TWP. 19-S RGE. 26-E

SURVEY N.M.P.M.

COUNTY EDDY STATE NEW MEXICO

DESCRIPTION 1500' FNL & 660' FEL

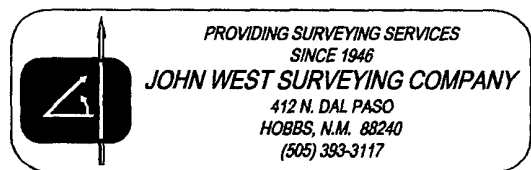
ELEVATION 3294'

OPERATOR RUBICON OIL AND GAS, LLC

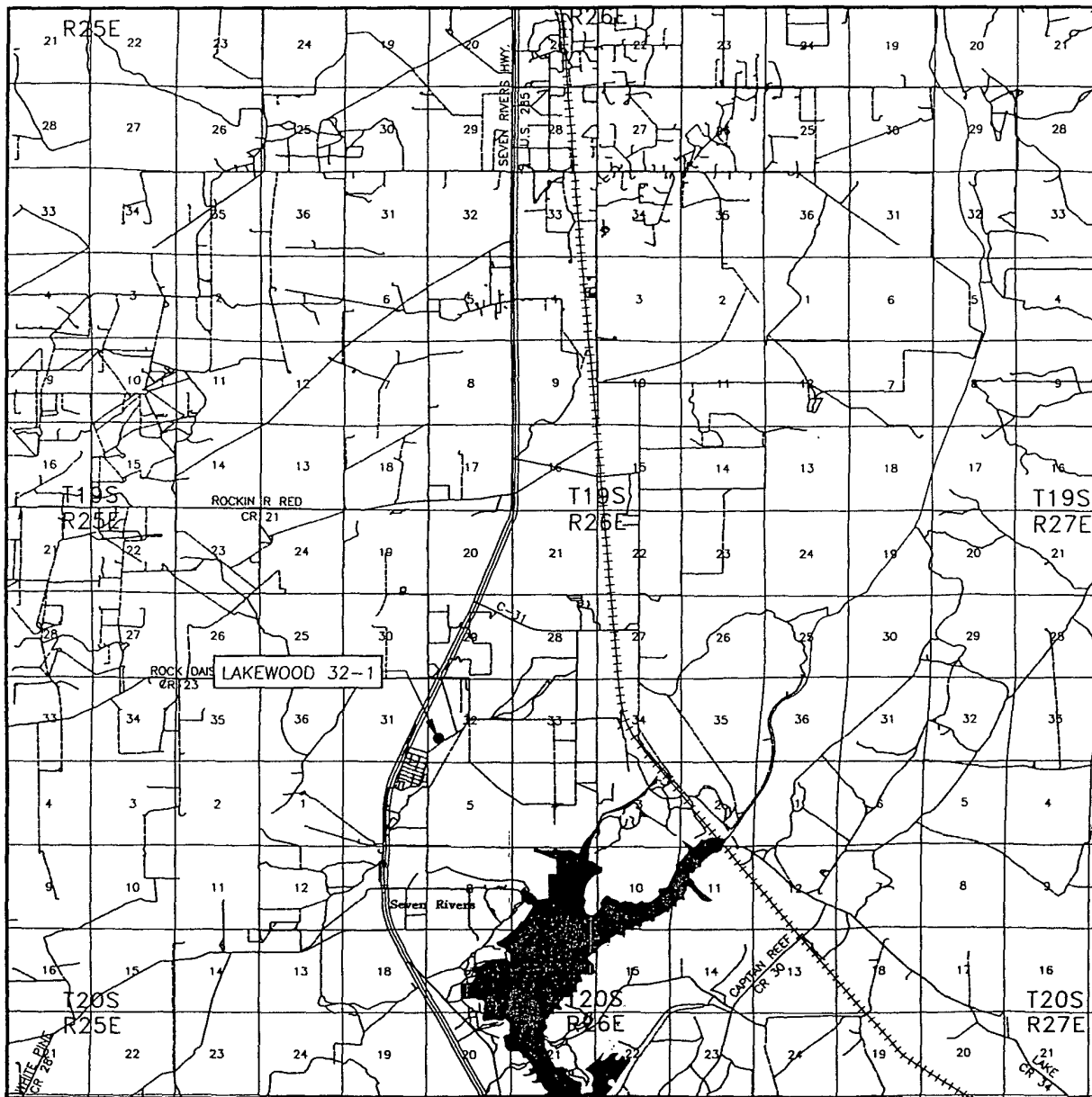
LEASE LAKEWOOD

U.S.G.S. TOPOGRAPHIC MAP

SEVEN RIVERS, N.M.



VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 32 TWP. 19-S RGE. 26-E

SURVEY N.M.P.M.

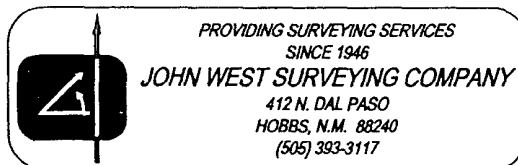
COUNTY EDDY STATE NEW MEXICO

DESCRIPTION 1500' FNL & 660' FEL

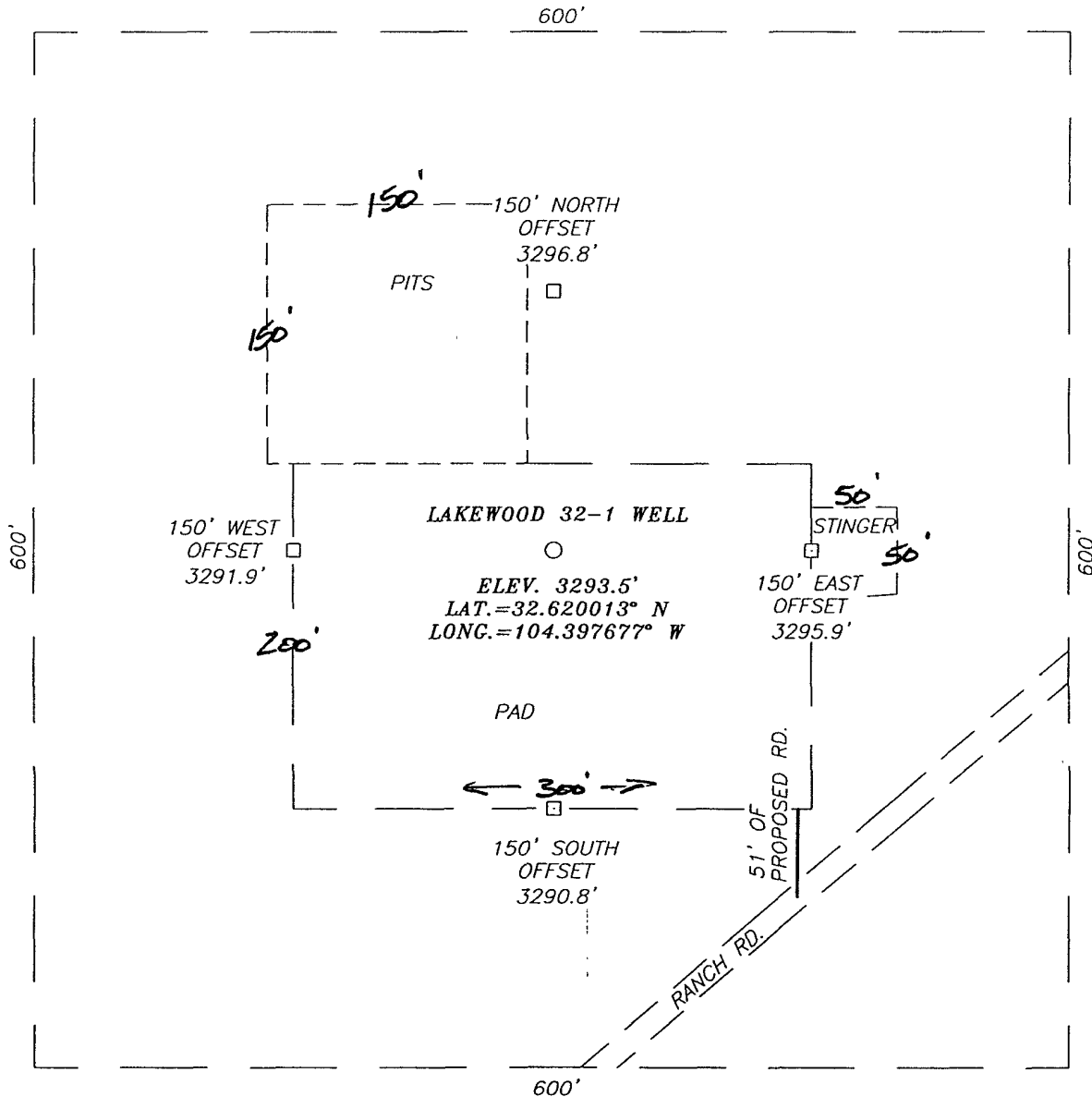
ELEVATION 3294'

OPERATOR RUBICON OIL AND GAS, LLC

LEASE LAKEWOOD

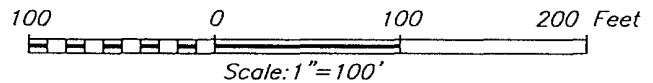


SECTION 32, TOWNSHIP 19 SOUTH, RANGE 26 EAST, N.M.P.M.,
EDDY COUNTY, NEW MEXICO



DIRECTIONS TO LOCATION

FROM THE INTERSECTION OF U.S. HWY. #285 (SEVEN RIVERS HWY.) AND CO. RD. #31 (LAKEWOOD ROAD), GO SOUTH ON U.S. HWY. #285 APPROX. 1.0 MILE. TURN RIGHT ON PATO ROAD AND GO EAST APPROX. 0.5 MILES. VEER RIGHT AND CONTINUE SOUTH APPROX. 0.5 MILES. TURN LEFT AT CATTLE GUARD AND GO EAST APPROX. 0.2 MILES. TURN LEFT AND GO NORTHEAST ON RANCH ROAD APPROX. 0.2 MILES TO STAKED ROAD AT SOUTHEAST CORNER PAD.



RUBICON OIL AND GAS, LLC

LAKEWOOD 32-1 WELL
LOCATED 1500 FEET FROM THE NORTH LINE
AND 660 FEET FROM THE EAST LINE OF SECTION 32,
TOWNSHIP 19 SOUTH, RANGE 26 EAST, N.M.P.M.,
EDDY COUNTY, NEW MEXICO.

Survey Date: 6/11/07	Sheet 1 of 1 Sheets
W.O. Number: 07.11.0733	Dr By: AR
Date: 6/14/07	Disk: 07110733
	Rev 1: N/A
	Scale: 1"=100'

