

DISTRICT I  
1525 N. FRENCH DR., ROSA, NM 88240

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

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

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

State of New Mexico  
Energy, Minerals and Natural Resources Department

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number <b>30-015-35444</b>	Pool Code <b>97519</b>	Pool Name <b>Wildcat (Upper Penn)</b>
Property Code	Property Name <b>LAKE McMILLAN 21</b>	Well Number <b>1</b>
OGRID No. <b>024987</b>	Operator Name <b>WESTERN RESERVES OIL COMPANY INC.</b>	Elevation <b>3343'</b>

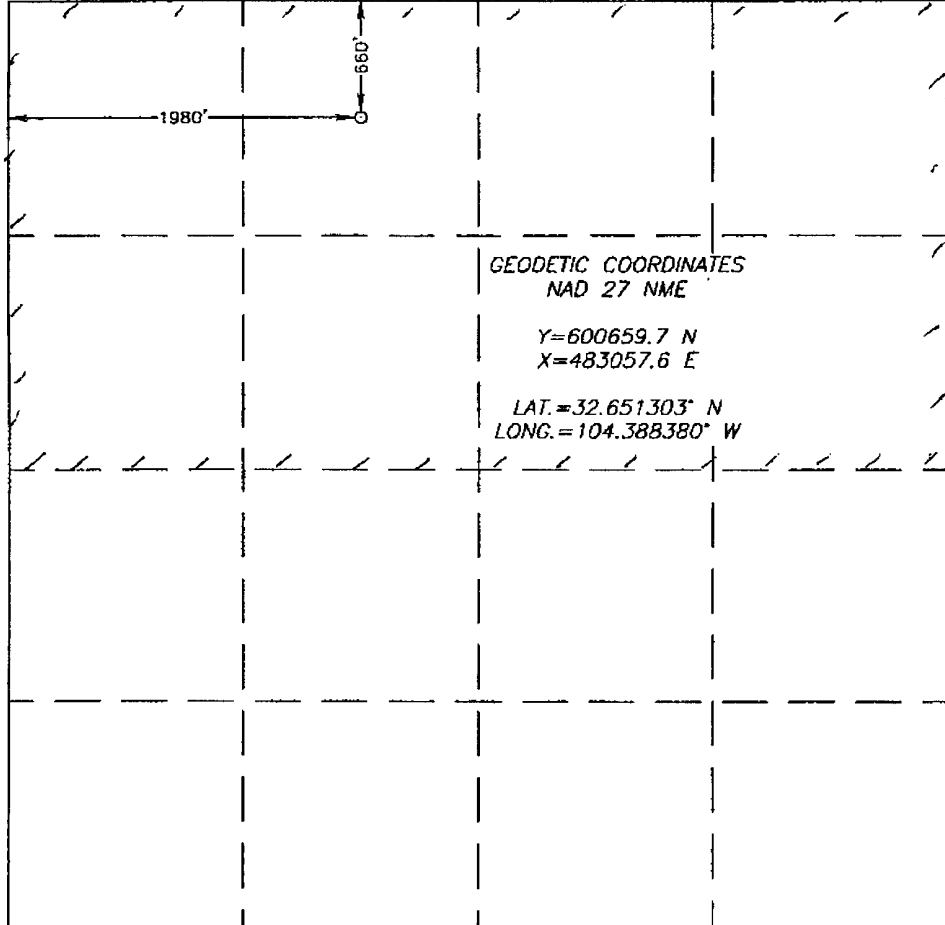
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	21	19-S	26-E		660	NORTH	1980	WEST	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 <b>320</b>	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

	<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>Ann E. Ritchie</i> 2-15-07 Signature Date <b>Ann E. Ritchie, Agent</b> Printed Name</p> <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>FEBRUARY 06, 2007</p> <p>Date Surveyed LA Signature &amp; Seal of Professional Surveyor <i>Gary H. Edson</i> 2/12/07 07.11.0148 Certificate No. GARY EDSON 12841</p>
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# Hydrogen Sulfide Drilling Operations Plan

For: Western Reserves Oil Co., Inc.

Wildcat (Upper Penn); Four Mile Draw (Morrow, Gas)

Eddy County, New Mexico

## ONE: Hydrogen Sulfide Training

All personnel, whether regularly assigned, contracted or employed on an unscheduled basis has or will receive training from qualified instructors in the following areas prior to working on the drilling operations on this well:

- The hazards & characteristics of H<sub>2</sub>S
- The proper use & maintenance of personal protective equipment and Life support systems;
- The proper use of H<sub>2</sub>S detectors, alarms, warning systems, briefing areas, evacuation procedures & prevailing winds; and,
- The proper techniques of first aid and rescue contact procedures

In addition, the supervisory personnel will be trained in the following areas:

- The effects of H<sub>2</sub>S on metal components. If high tensile tubulars are to be used, personnel will be trained in their special maintenance requirements.
- Corrective action and shut-in procedures when drilling or reworking a well and blowout prevention and well control procedures.
- The contents and requirements of the H<sub>2</sub>S Drilling Operations Plan.

There will be an initial training session just prior to encountering a known or probable H<sub>2</sub>S zone (within 3 days or 500') and periodic H<sub>2</sub>S and well control drills for all personnel in each crew. The initial training session should include a review of the site specific Drilling Operations Plan. This plan is to be available at the well site.

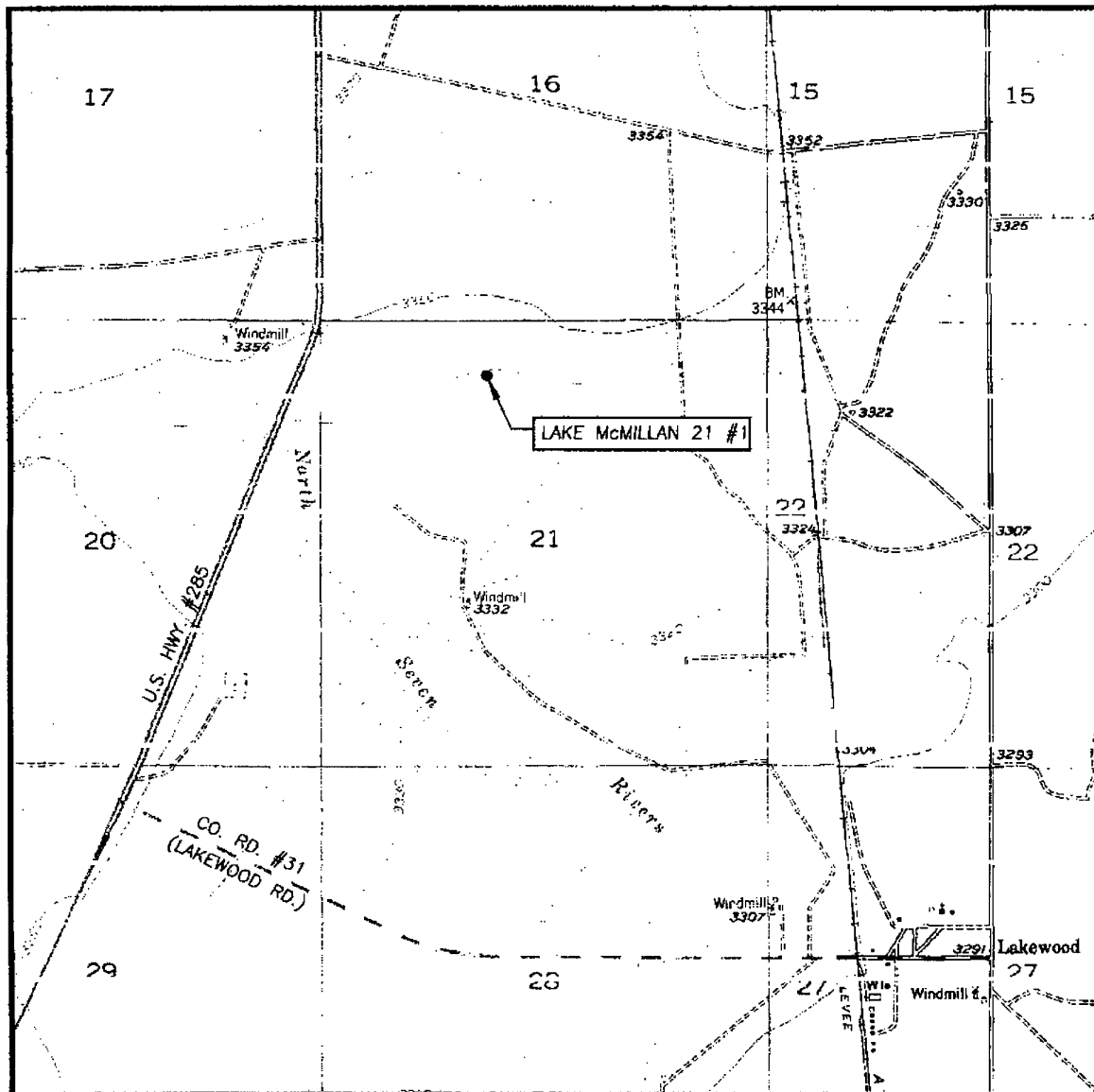
## TWO: H<sub>2</sub>S Safety Equipment and Systems

NOTE: All H<sub>2</sub>S safety equipment and systems will be installed, tested and operational when drilling reaches a depth of 500 feet above, or three days prior to penetration of a known zone containing or reasonably expected to contain H<sub>2</sub>S.

1. Well Control Equipment:
  - Flare line with flare igniter;
  - Choke manifold with one remote hydraulic choke installed;
  - Blind rams & pipe rams to accommodate all pipe sizes with properly sized closing unit;
  - Auxiliary equipment to include an Annular Preventer.

*Lake McMillan "21" #1  
C, Sec 21, 19S, 26E - Eddy County*

# LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

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

SEC. 21 TWP. 19-S RGE. 26-E

SURVEY N.M.P.M.

COUNTY EDDY STATE NEW MEXICO

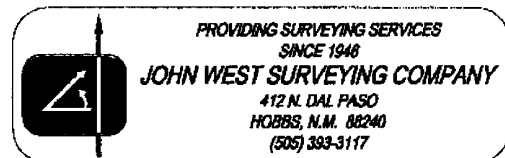
DESCRIPTION 660' FNL & 1980' FWL

ELEVATION 3343'

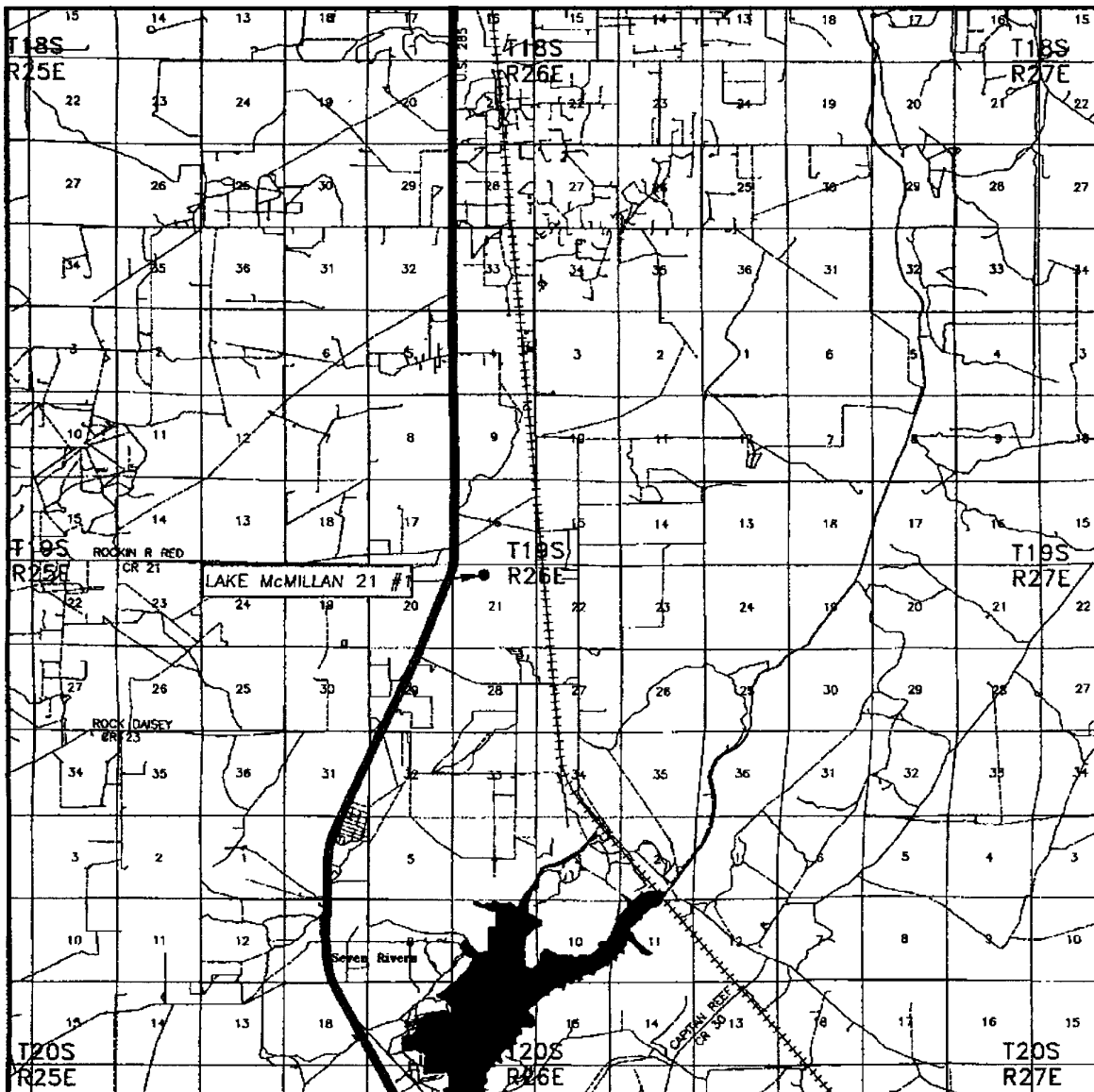
OPERATOR WESTERN RESERVES  
OIL COMPANY INC.

LEASE LAKE McMILLAN 21

U.S.G.S. TOPOGRAPHIC MAP  
DAYTON, N.M.

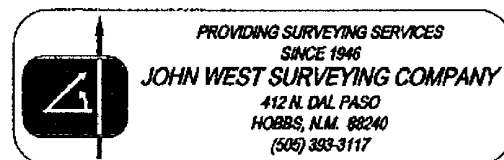


# VICINITY MAP

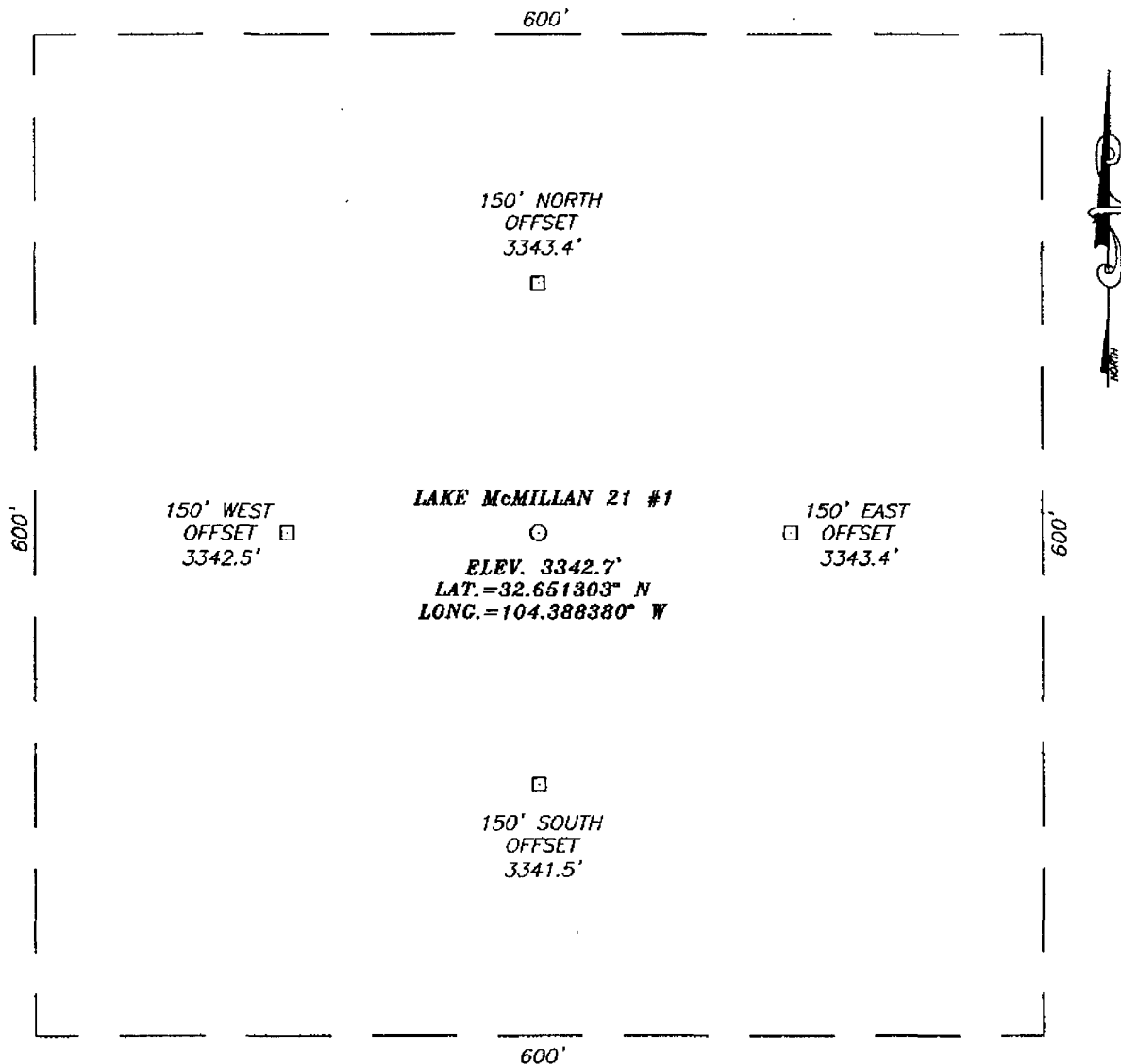


SCALE: 1" = 2 MILES

SEC. 21 TWP. 19-S RGE. 26-E  
 SURVEY N.M.P.M.  
 COUNTY EDDY STATE NEW MEXICO  
 DESCRIPTION 660' FNL & 1980' FWL  
 ELEVATION 3343'  
 OPERATOR WESTERN RESERVES OIL COMPANY INC.  
 LEASE LAKE McMILLAN 21

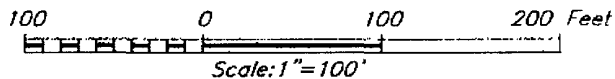


**SECTION 21, TOWNSHIP 19 SOUTH, RANGE 26 EAST, N.M.P.M.,**  
 EDDY COUNTY, NEW MEXICO



**DIRECTIONS TO LOCATION**

FROM THE INTERSECTION OF CO. RD. #31 (LAKE WOOD RD) AND U.S. HWY. #285, GO NORTH ON U.S. HWY. #285 APPROX. 1.1 MILES TO A FARM ROAD ON THE RIGHT AND WATER STATEION TANKS. FARM ROAD GOES RIGHT AT GATE. THIS LOCATION IS APPROX. 0.4 MILES EAST ACROSS PASTURE.



PROVIDING SURVEYING SERVICES  
SINCE 1946  
**JOHN WEST SURVEYING COMPANY**  
412 N. DAL PASO  
HOBBS, N.M. 88240  
(505) 393-3117

**WESTERN RESERVES OIL COMPANY INC.**

LAKE McMILLAN 21 #1 WELL  
LOCATED 660 FEET FROM THE NORTH LINE  
AND 1980 FEET FROM THE WEST LINE OF SECTION 21,  
TOWNSHIP 19 SOUTH, RANGE 26 EAST, N.M.P.M.,  
EDDY COUNTY, NEW MEXICO.

Survey Date: 2/6/07	Sheet 1 of 1 Sheets
W.O. Number: 07.11.0148	Dr By: LA
Date: 2/9/07	Disk: CD#6
07110148	Scale: 1"=100'

**New Mexico Office of the State Engineer  
Well Reports and Downloads**

CLAYTON BFO STATE COM 1

Township: 19S Range: 26E Sections:

NAD27 X: Y: Zone: Search Radius:

County: Basin: Number: Suffix:

Owner Name: (First) (Last) ☐ Non-Domestic ☐ Domestic  
☒ All

Well / Surface Data Report

Avg Depth to Water Report

Water Column Report

Clear Form

WATERS Menu

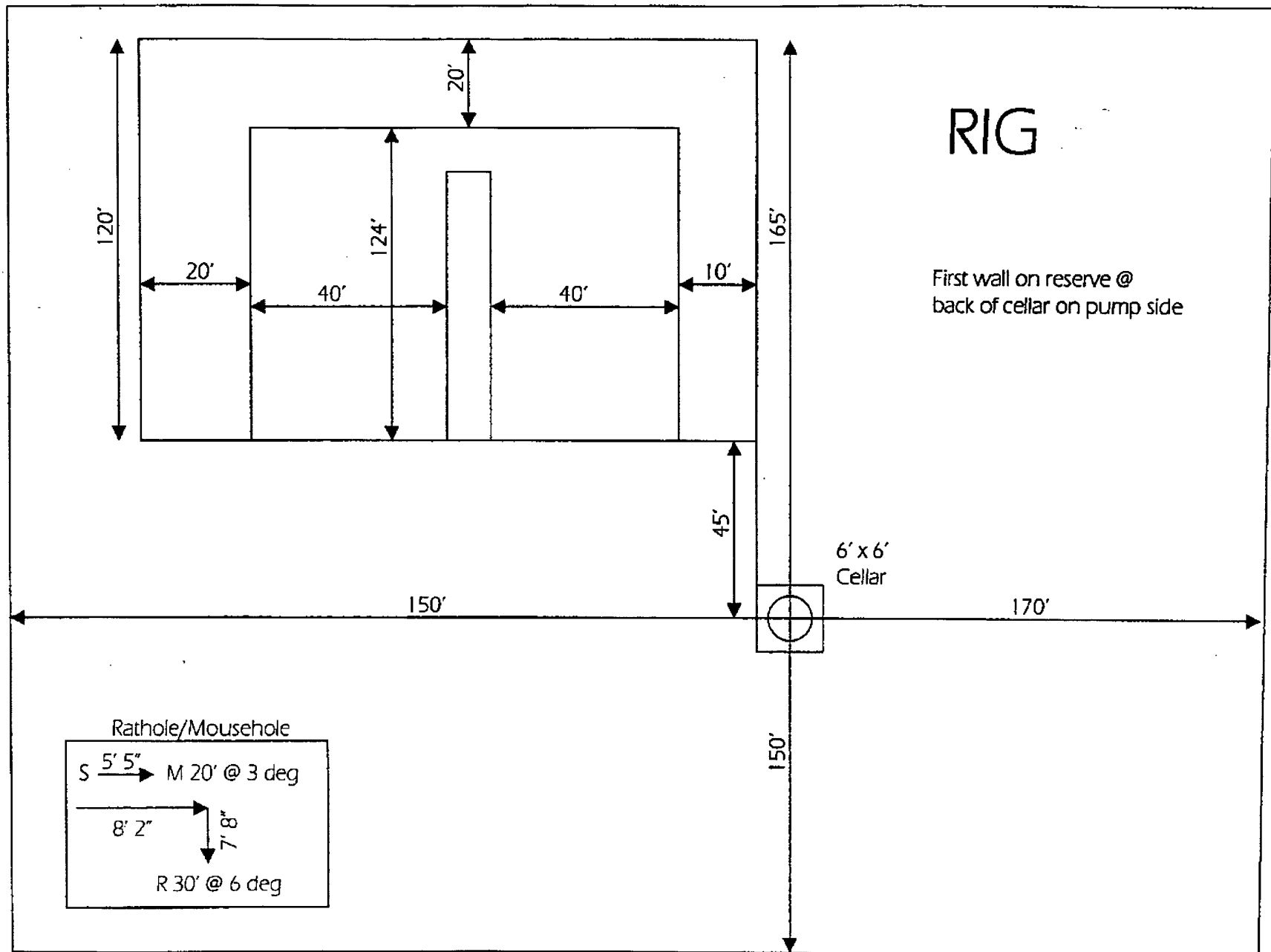
Help

## AVERAGE DEPTH OF WATER REPORT 10/12/2005

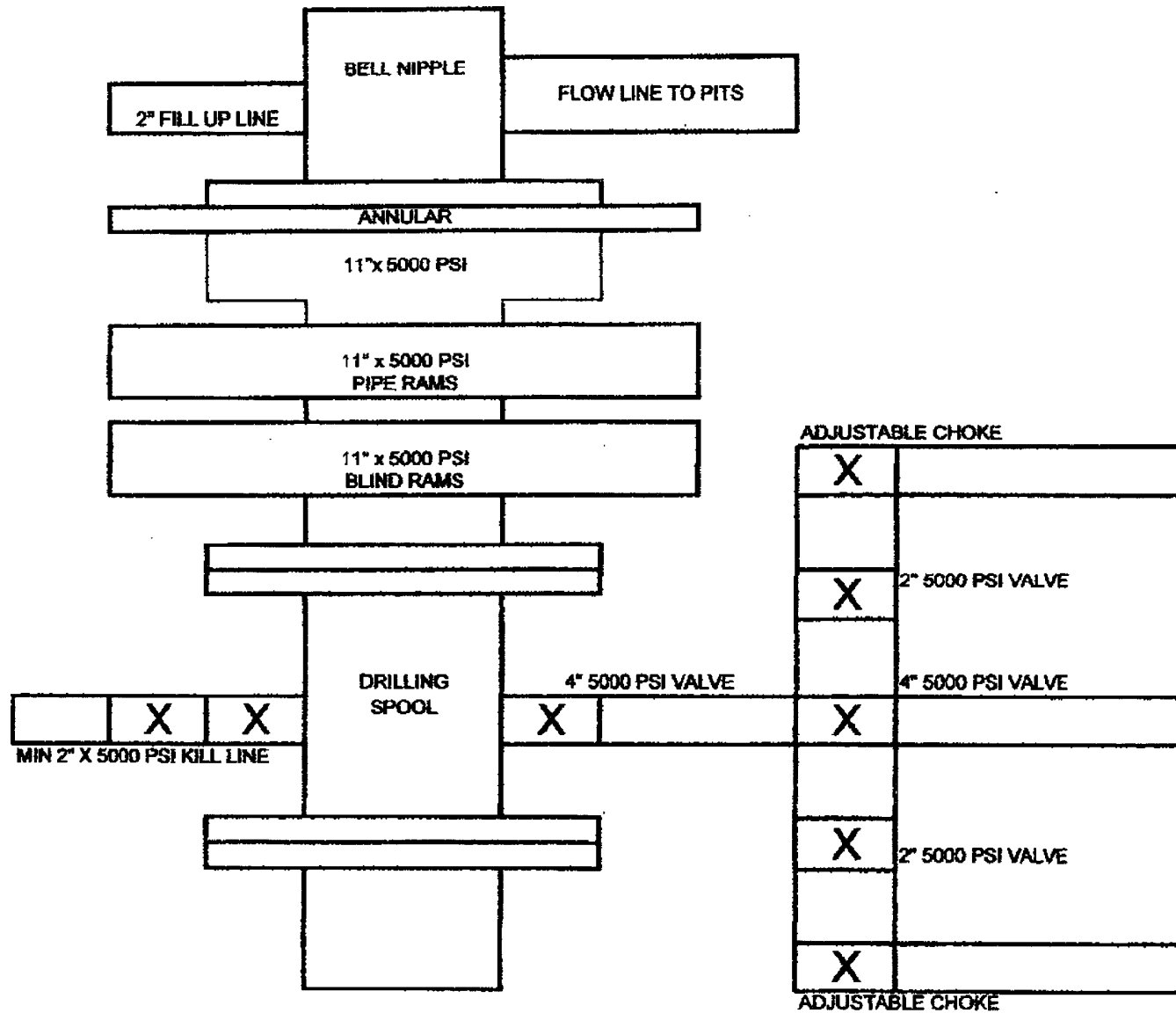
Bsn	Tws	Rng	Sec	Zone	X	Y	Wells	(Depth Water in Feet)		
								Min	Max	Avg
RA	19S	26E	02				1	50	50	50
RA	19S	26E	04				5	70	125	99
RA	19S	26E	05				21	58	190	116
RA	19S	26E	09				1	97	97	97
RA	19S	26E	10				3	50	90	70
RA	19S	26E	14				3	50	95	71
<b>[REDACTED SECTION]</b>										
RA	19S	26E	18				1	69	69	69
RA	19S	26E	19				6	65	145	99
RA	19S	26E	20				5	25	105	73
RA	19S	26E	21				1	90	90	90
RA	19S	26E	22				3	70	83	75
RA	19S	26E	23				2	72	80	76
RA	19S	26E	27				8	15	60	41
RA	19S	26E	28				2	80	115	98
RA	19S	26E	30				1	105	105	105
RA	19S	26E	31				1	95	95	95
RA	19S	26E	32				2	95	180	138
RA	19S	26E	34				1	22	22	22

Record Count: 69

Re: Western Reserves  
Lake McMillan 21st  
APD



BOP SCHEMATIC FOR  
12-1/4" HOLE





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