

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720

**District II**  
811 S. First St., Artesia, NM 88210  
Phone: (575) 748-1283 Fax: (575) 748-9720

**District III**  
1000 Rio Brazos Road, Aztec, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170

**District IV**  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

**HOBBS OCD** State of New Mexico  
**Energy Minerals and Natural Resources**

Form C-101  
Revised October 25, 2012

**NOV 26 2012**  
**RECEIVED**

**Oil Conservation Division**  
**1220 South St. Francis Dr.**  
**Santa Fe, NM 87505**

AMENDED REPORT

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

<sup>1</sup> Operator Name and Address McELVAIN ENERGY, INC. 1050 17th STREET SUITE 2500 DENVER, COLORADO 80265		<sup>2</sup> OGRID Number 22044
		<sup>3</sup> API Number 30-025-40869
<sup>4</sup> Property Code 39556	<sup>5</sup> Property Name LITTLE LAKE "16" STATE	<sup>6</sup> Well No. # 1

**7. Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
F	16	18S	32E		1900'	NORTH	2100'	WEST	LEA

**\* Proposed Bottom Hole Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
F	16	18S	32E		1900'	NORTH	2100'	WEST	LEA

**9. Pool Information**

YOUNG NORTH-DELAWARE (65355)
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**Additional Well Information**

<sup>11</sup> Work Type N	<sup>12</sup> Well Type O	<sup>13</sup> Cable/Rotary ROTARY	<sup>14</sup> Lease Type S	<sup>15</sup> Ground Level Elevation 3786.6
<sup>16</sup> Multiple N	<sup>17</sup> Proposed Depth 5950'	<sup>18</sup> Formation DELAWARE	<sup>19</sup> Contractor UNKNOWN	<sup>20</sup> Spud Date 1st QTR 2013
Depth to Ground water 85'		Distance from nearest fresh water well 2800' SOUTHWEST		Distance to nearest surface water UNKNOWN

**21. Proposed Casing and Cement Program**

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
SEE ATTACHED SHEET						

**Casing/Cement Program: Additional Comments**

SEE ATTACHED SHEET	<b>Permit Expires 2 Years From Approval Date Unless Drilling Underway</b>
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**22. Proposed Blowout Prevention Program**

Type	Working Pressure	Test Pressure	Manufacturer
CLASS 3	3000 PSI	1500 PSI	CAMERON OR SCHAFFER

<sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that I have complied with 19.15.14.9 (A) NMAC <input type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input type="checkbox"/> , if applicable.		<b>OIL CONSERVATION DIVISION</b>	
Signature: <i>Joe T. Janica</i>		Approved By: <i>[Signature]</i>	
Printed name: Joe T. Janica		Title: <i>DET MGR</i>	
Title: Permit Eng.		Approved Date: <i>11-27-2012</i> Expiration Date: <i>11-27-2014</i>	
E-mail Address: joejanica@valornet.com			
Date: 11/26/12	Phone: 575-391-8503	Conditions of Approval Attached	

**DEC 03 2012**

DISTRICT I  
1625 N. French Dr., Hobbs, NM 88240  
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State of New Mexico  
Energy, Minerals & Natural Resources Department  
**OIL CONSERVATION DIVISION**  
1220 South St. Francis Dr.  
Santa Fe, New Mexico 87505

Form C-102  
Revised August 1, 2011  
Submit one copy to appropriate  
District Office  
 AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

API Number <b>30-025-40869</b>	Pool Code <b>65355</b>	Pool Name <b>NORTH YOUNG - DELAWARE POOL</b>
Property Code <b>39556</b>	Property Name <b>LITTLE LAKE 16 STATE</b>	
OGRID No. <b>22044</b>	Operator Name <b>McELVAIN ENERGY, INC.</b>	
		Well Number <b>1</b>
		Elevation <b>3786.6'</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
F	16	18 S	32 E		1900	NORTH	2100	WEST	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

Dedicated Acres	Joint or Infill	Consolidated Code	Order No.
40			

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 style="text-align: center;"><b>OPERATOR CERTIFICATION</b></p> <p><i>I hereby certify that the information contained 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 a mineral or working interest, or to voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i></p> <p style="text-align: right;"><i>Joe T. Janica</i> 11/26/12 Signature Date</p> <p style="text-align: center;">Joe T. Janica Print Name</p> <p style="text-align: center;">joejanica@valornet.com E-mail Address</p> <hr/> <p style="text-align: center;"><b>SURVEYORS CERTIFICATION</b></p> <p><i>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.</i></p> <p style="text-align: center;">Oct. 30, 2012 Date of Survey</p> <p style="text-align: center;">Signature and Seal of Professional Surveyor</p> <div style="text-align: center;"> </div> <p style="text-align: center;"><i>James E. Tompkins</i></p> <p>Job No.: WTC48758 JAMES E. TOMPKINS 14729 Certificate Number</p>
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*ELG 11-27-2012*

### Hole Size/Casing Size/Cementing Information

Conductor Pipe: 14" Conductor in 26" hole to 40 feet. Cemented with 3 yards Redimix

Surface Hole Size: 12.25" to 1,150 feet (28' into Rustler Anhydrite)

Surface Casing: New 8.625", 32 #/ft, J55, ST&C set @ 1,147 feet

Surf. Csg. Cement: LEAD: **400 sx** Class 'C' mixed @ 13.5 ppg & 1.75 ft<sup>3</sup>/sk Yield

TAIL: **250 sx** Class 'C' mixed @ 14.8 ppg & 1.34 ft<sup>3</sup>/sk Yield

**Cement in single stage to surface**

Prod. Hole Size: 7.875" to 5,950 feet (into lower Delaware)

Production Casing: New 5.5", 17#, J55, ST&C

Prod. Csg. Cement: Stage Tool @ 4,200 feet

**Cement in two stages to surface**

1<sup>st</sup> Stage: **300 sx** 50:50:2 Class 'H' mixed @ 14.2 ppg & 1.28 ft<sup>3</sup>/sk Yield

2<sup>nd</sup> Stage: **LEAD** (3,000' – Surface) **285 sx** 50:50:10 Class 'H' mixed @ 11.9 ppg & 2.23ft<sup>3</sup>/sk Yield

2<sup>nd</sup> Stage: **TAIL** (4,200 – 3,000') **290 sx** 50:50:2 Class 'H' mixed @ 14.2 ppg & 1.28 ft<sup>3</sup>/sk Yield

### Blowout Prevention Equipment & Test Pressures

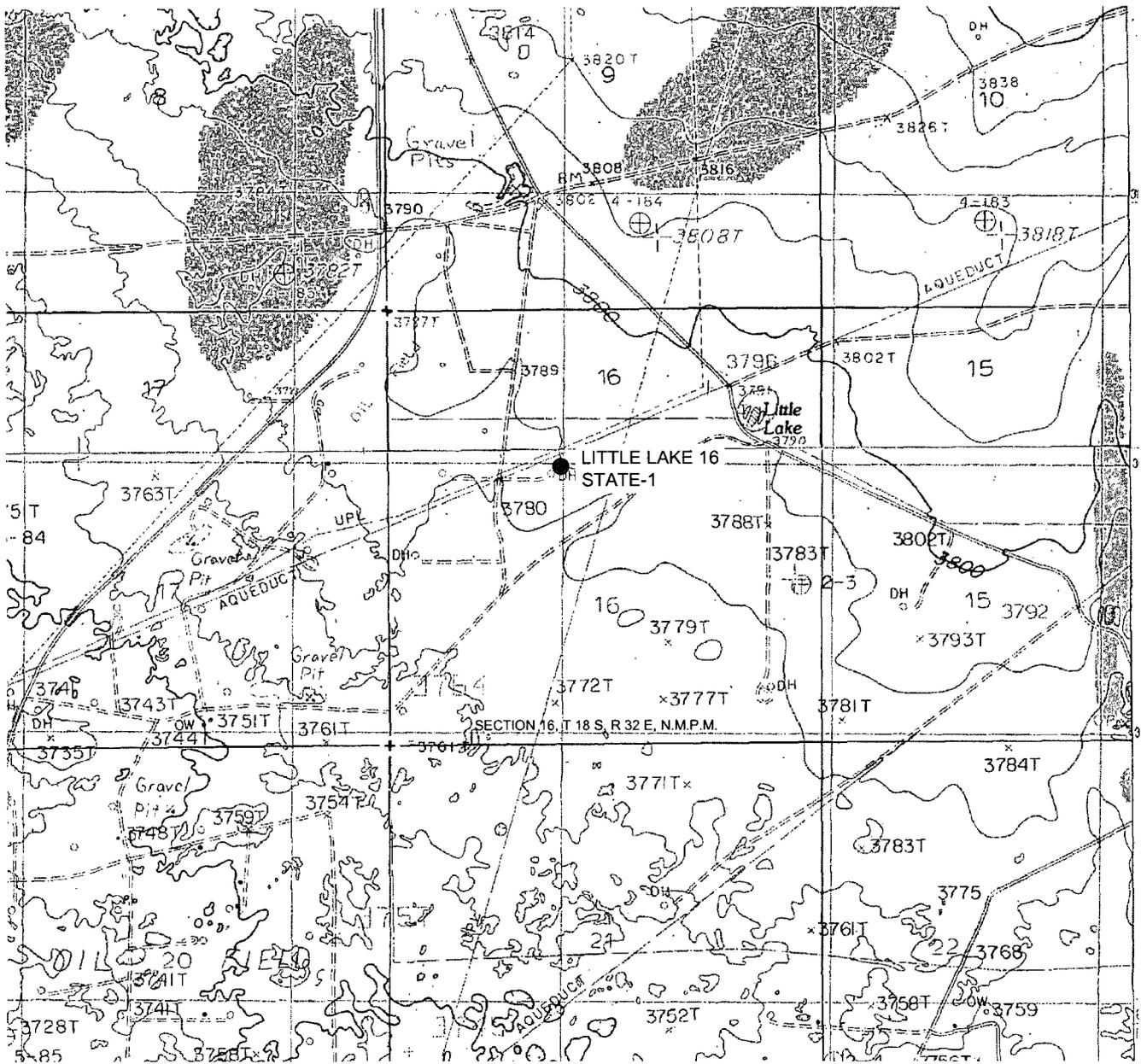
Type: Class III

Working Pressure: 3,000 psi

Test Pressure: 250 psi Low. 3,000 psi High. Annular to 1,500 psi

Manufacturer: Cameron or Shaffer

# LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

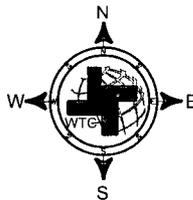
SECTION 16, T 18 S, R 32 E, N.M.P.M.

COUNTY: LEA STATE: NM

DESCRIPTION: 1900' FNL & 2100' FWL

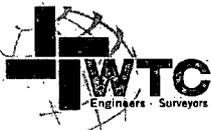
OPERATOR: MCELVAIN ENERGY, INC.

WELL NAME: LITTLE LAKE 16 STATE-1



DRIVING DIRECTIONS:

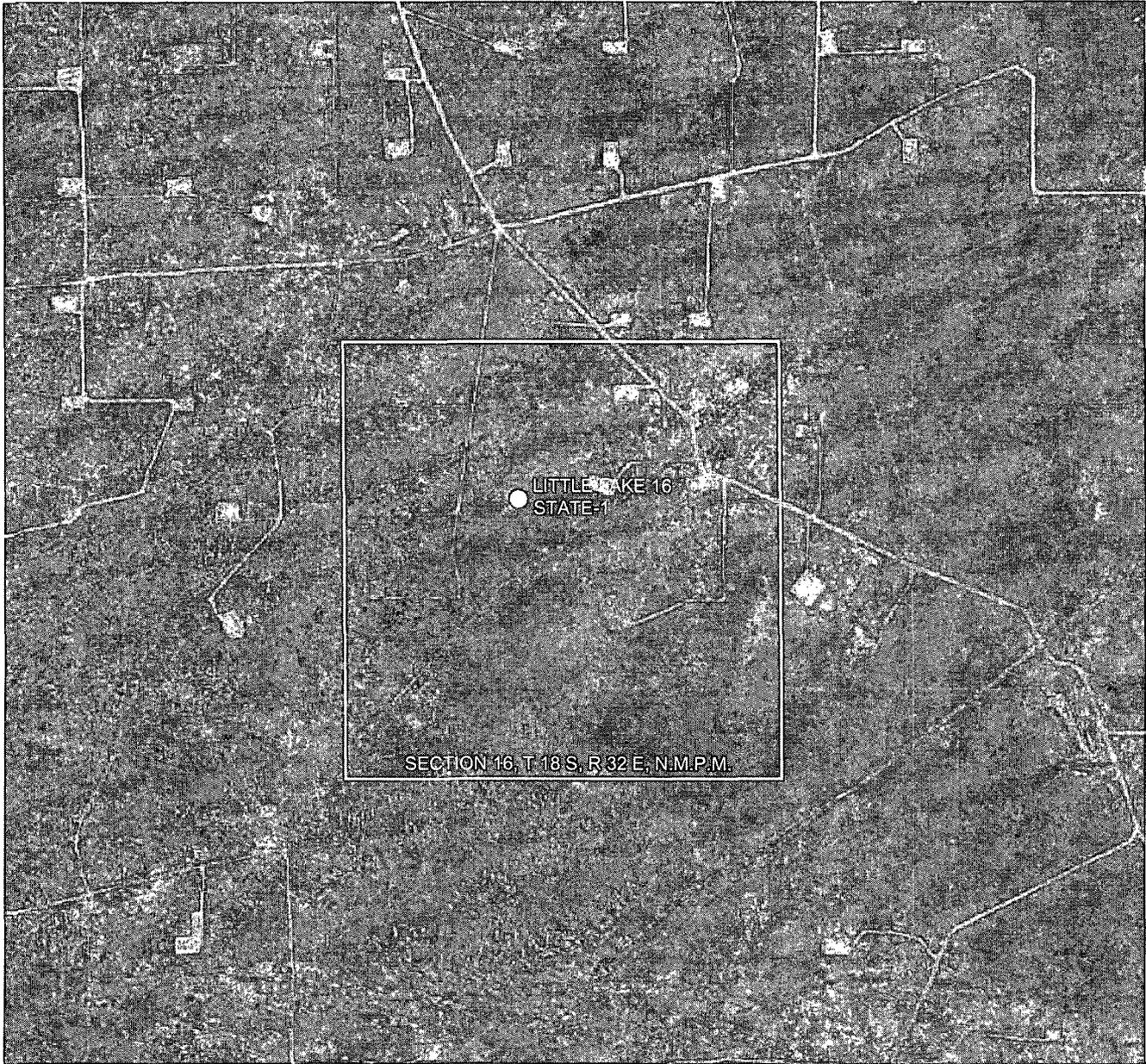
From the intersection of New Mexico State Highway 529 and County Road 126A (Maljamar Road). Go south on County Road 126A for 1.7 miles to a lease road left. Go south 0.9 mile to "Y". Go right 0.6 mile then east 0.1 mile to old pad and proposed location.



**WEST TEXAS CONSULTANTS, INC.**  
 ENGINEERS PLANNERS SURVEYORS  
 405 S.W. 1st. STREET  
 ANDREWS, TEXAS 79714  
 (432) 523-2181

**MCELVAIN ENERGY, INC.**

# AERIAL MAP



SCALE: 1" = 2000'

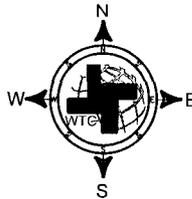
SECTION 16, T 18 S, R 32 E, N.M.P.M.

COUNTY: LEA STATE: NM

DESCRIPTION: 1900' FNL & 2100' FWL

OPERATOR: MCELVAIN ENERGY, INC.

WELL NAME: LITTLE LAKE 16 STATE-1



## DRIVING DIRECTIONS:

From the intersection of New Mexico State Highway 529 and County Road 126A (Maljamar Road). Go south on County Road 126A for 1.7 miles to a lease road left. Go south 0.9 mile to "Y". Go right 0.6 mile then east 0.1 mile to old pad and proposed location.

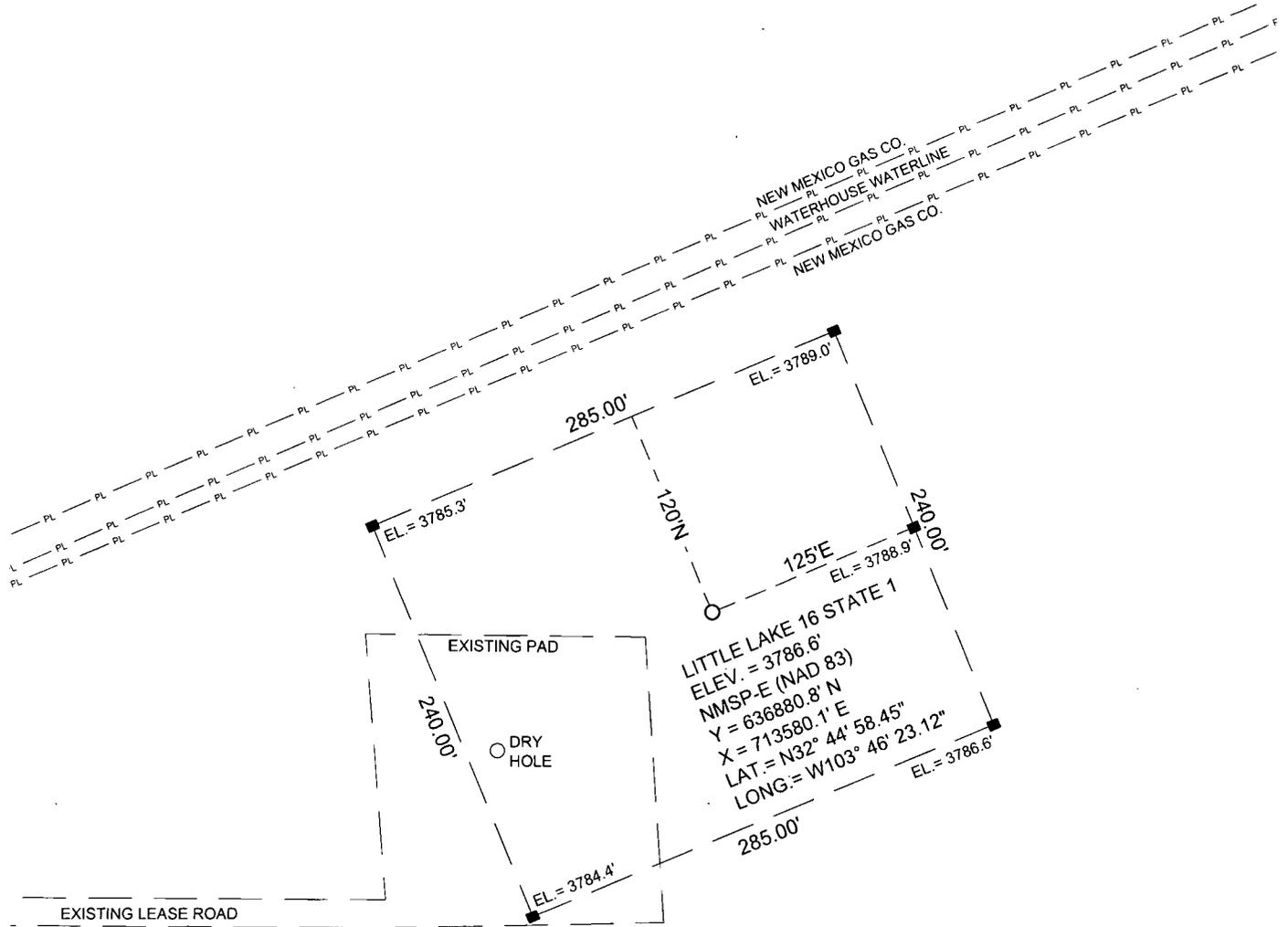


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**McELVAIN ENERGY, INC.**

JOB No.: WTC48758

# SITE LOCATION



SCALE: 1" = 100'

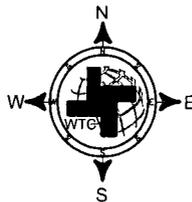
SECTION 16, T 18 S, R 32 E, N.M.P.M.

COUNTY: LEA STATE: NM

DESCRIPTION: 1900' FNL & 2100' FWL

OPERATOR: MCELVAIN ENERGY, INC.

WELL NAME: LITTLE LAKE 16 STATE-1



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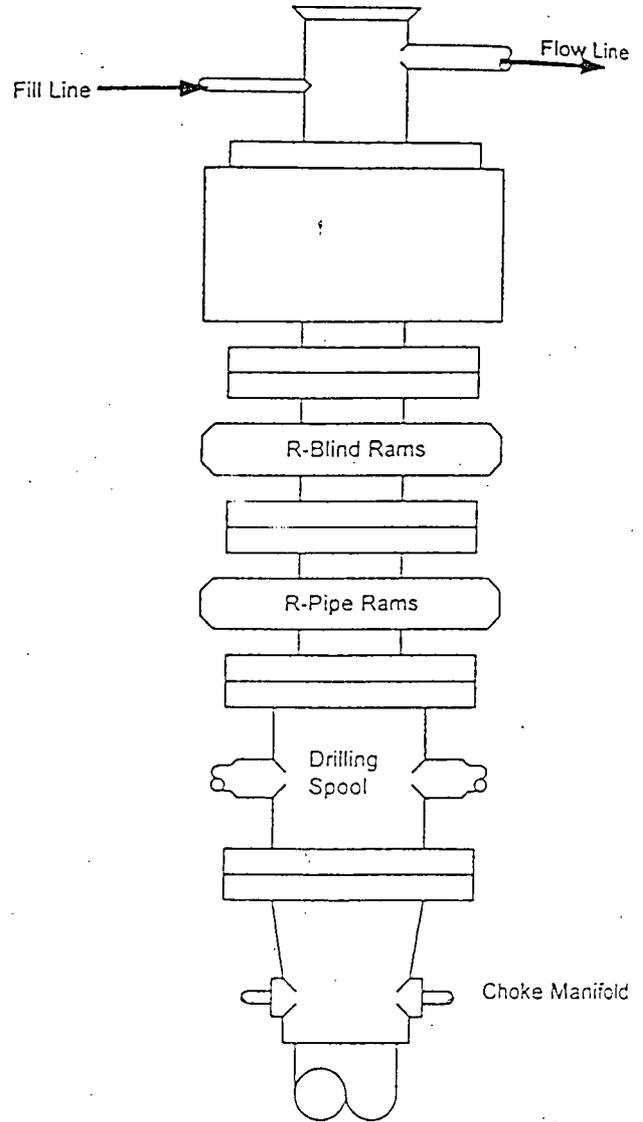
JOB No.: WTC48758

Z:\Project\48758 - Gas Survey\McElvain Energy.mxd\48758-48758.dwg Energy, Size & Plot Title Date: 18 State #1.dwg 15 STATE 1.dwg



# BLOWOUT PREVENTER SYSTEM

3000 PSI WORKING PRESSURE



Type 900 Series  
3000 psi WP

## Choke Manifold Assembly for 3M WP System

