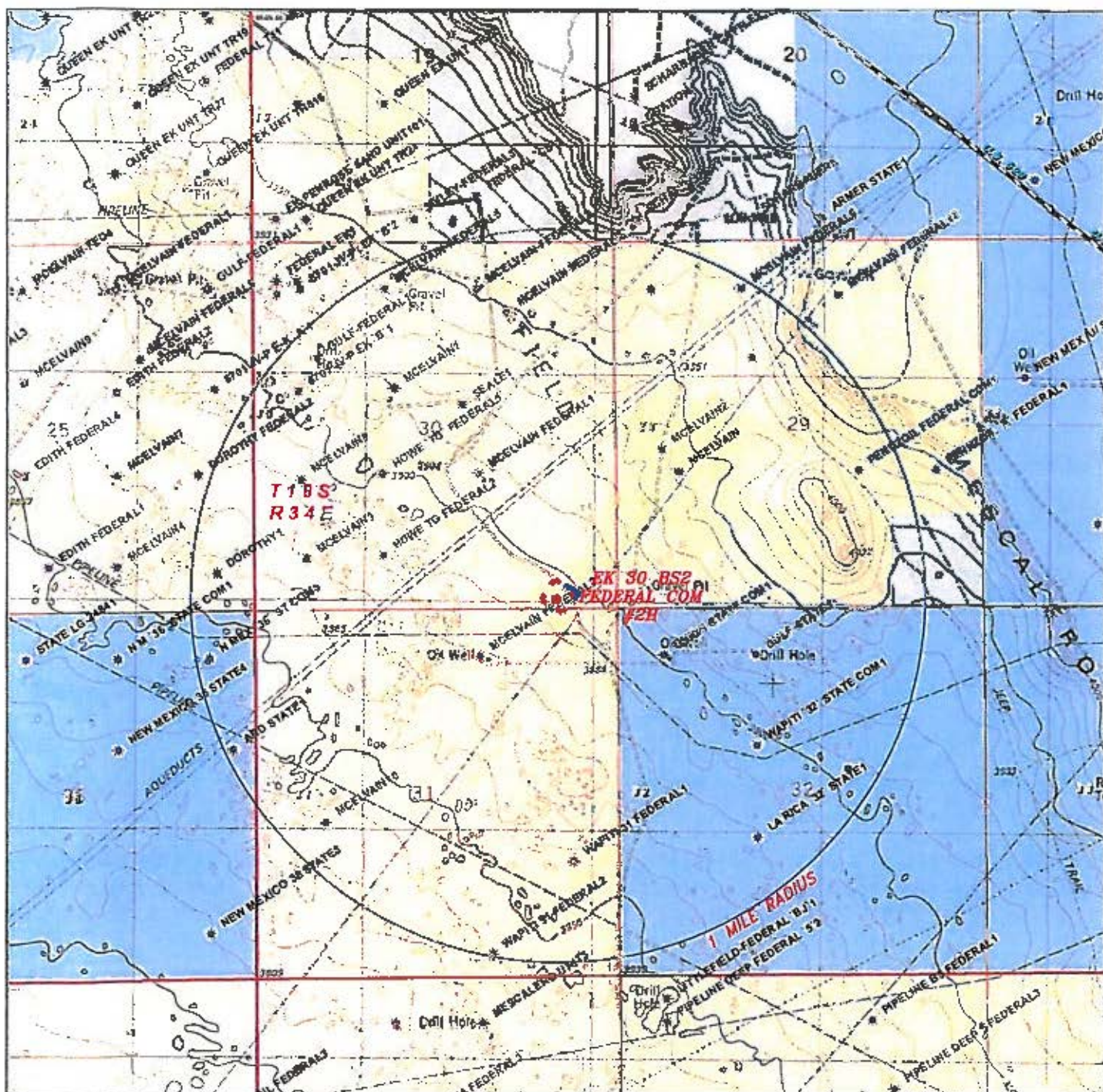


# Attachment C - Topographic Map of Well Location



## EK 30 BS2 FEDERAL COM 2H

Located 150' FSL and 876' FEL  
Section 30, Township 18 South, Range 34 East,  
N.M.P.M., Lea County, New Mexico.



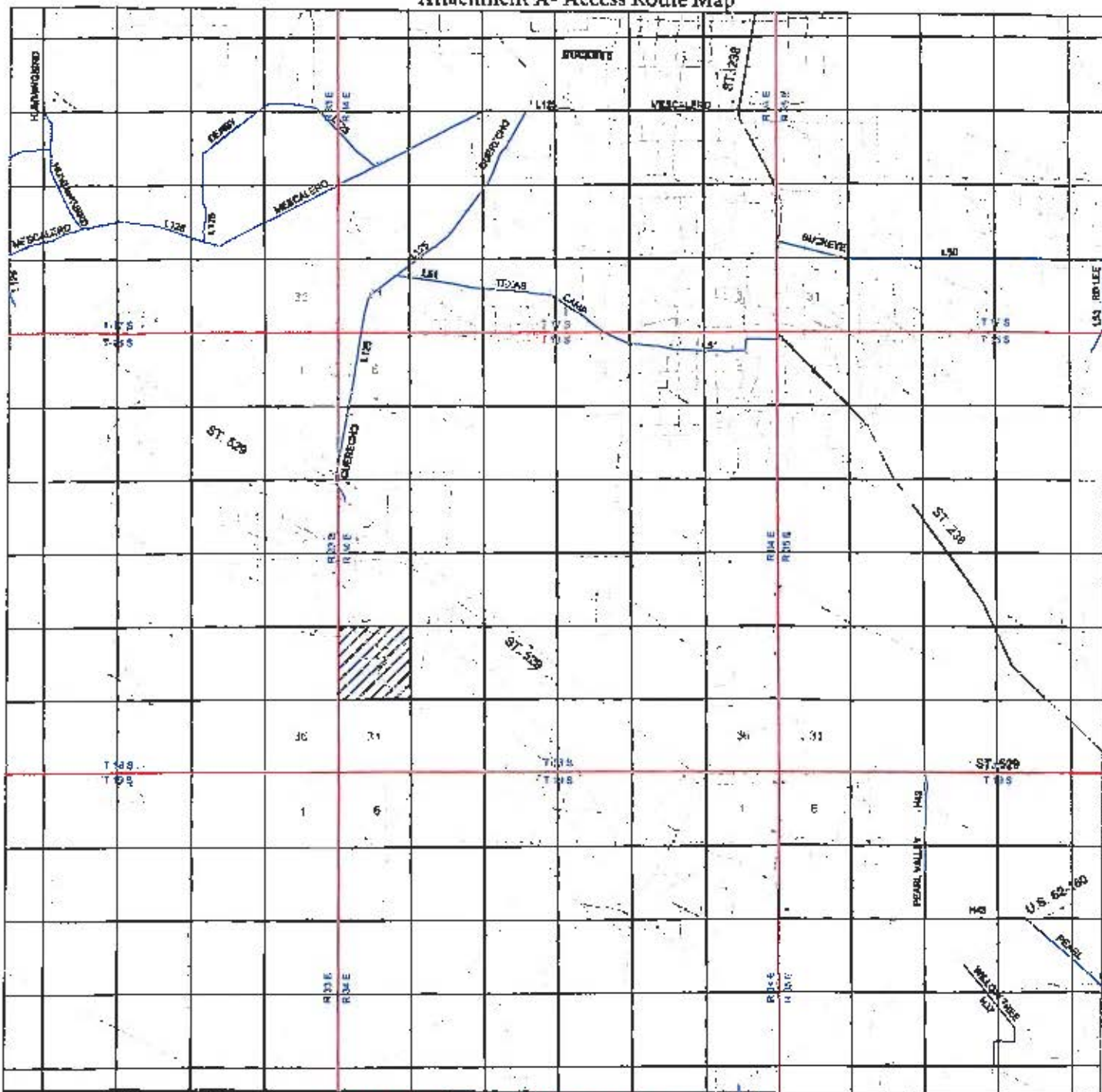
P.O. Box 1785  
1120 N. West County Rd.  
Hobbs, New Mexico 88241  
(575) 393-7316 - Office  
(575) 392-2206 - Fax  
basinsurveys.com

0' 1000' 2000' 3000' 4000'  
SCALE: 1" = 2000'  
W O Number JG 32344  
Survey Date: 5-10-2016  
YELLOW TINT - USA LAND  
BLUE TINT - STATE LAND  
NATURAL COLOR - FEE LAND

McELVAIN  
ENERGY, INC



# Attachment A- Access Route Map



## EK 30 BS2 FEDERAL COM 2H

Located 150' FSL and 876' FEL  
 Section 30, Township 18 South, Range 34 East,  
 N.M.P.M., Lea County, New Mexico.

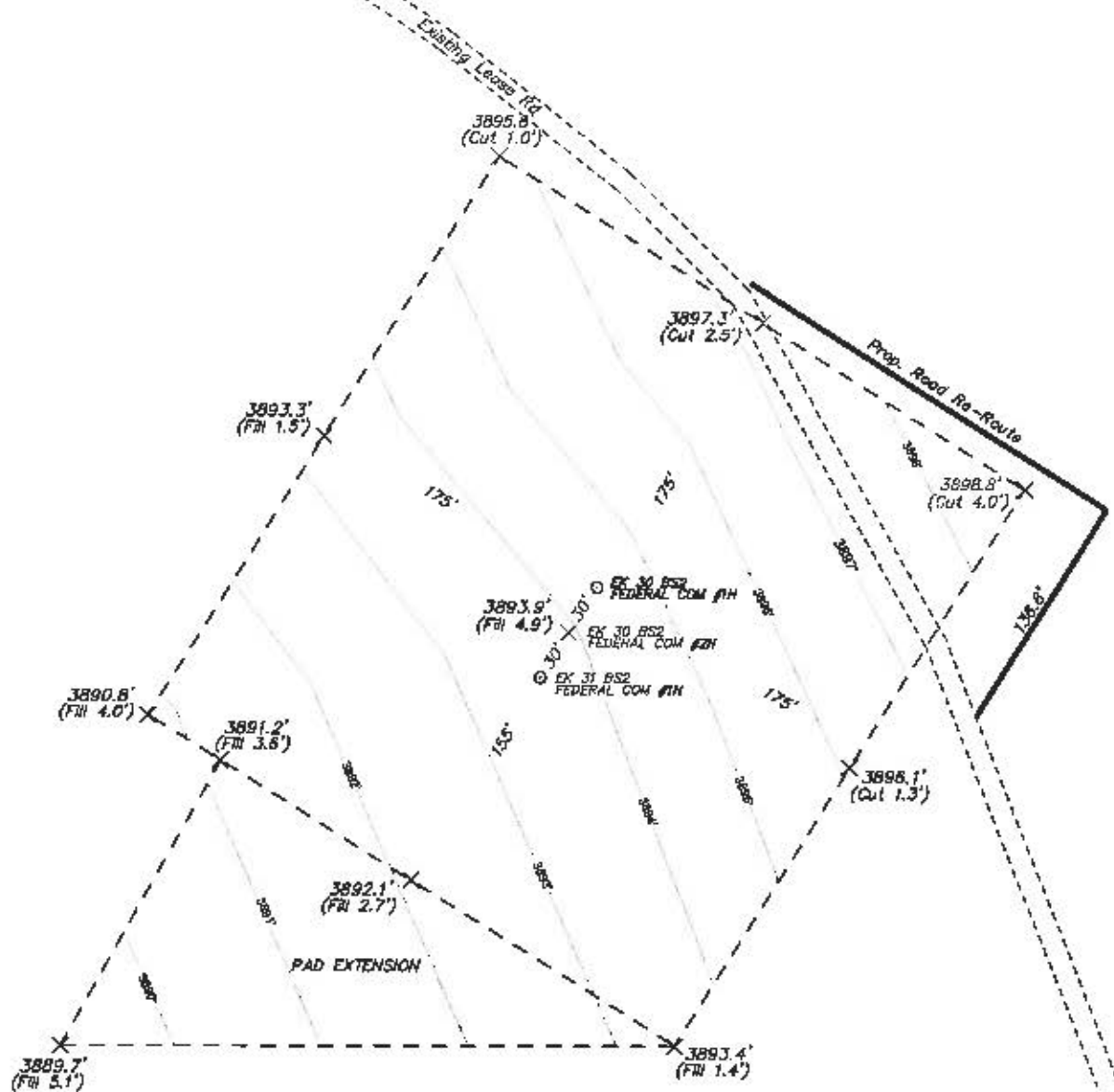


P.O. Box 1786  
 1120 N. West County Rd.  
 Hobbs, New Mexico 88241  
 (575) 393-7315 - Office  
 (575) 392-2208 - Fax  
 basinsurveys.com

0 1 MI 2 MI 3 MI 4 MI  
 SCALE: 1" = 2 MILES  
 W.O. Number J6 32344  
 Survey Date: 5-10-2016  
 YELLOW TINT - USA LAND  
 BLUE TINT - STATE LAND  
 NATURAL COLOR - FEE LAND

**McELVAIN  
 ENERGY, INC**

SECTION 30, TOWNSHIP 18 SOUTH, RANGE 34 EAST, N.M.P.M.,  
LEA COUNTY, NEW MEXICO.



Note:  
Contours are based on existing  
elevations.

**McELVAIN ENERGY, INC**

REF: EK 30 BS2 FEDERAL COM CUT & FILL

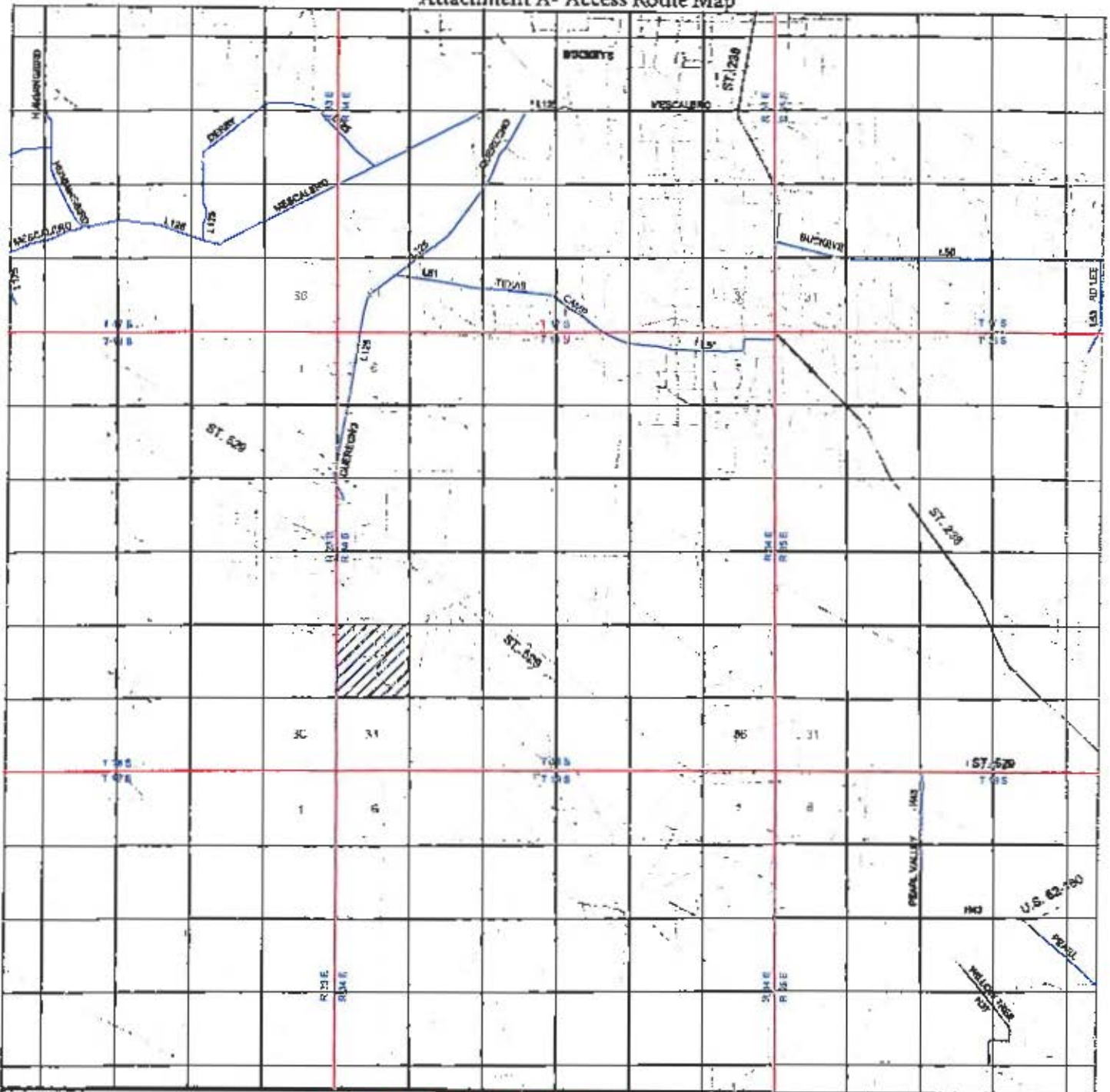
THE EK 30 BS2 FEDERAL COM 2H LOCATED 150' FROM  
THE SOUTH LINE AND 876' FROM THE EAST LINE OF  
SECTION 30, TOWNSHIP 18 SOUTH, RANGE 34 EAST.

N.M.P.M., LEA COUNTY, NEW MEXICO.

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(575) 392-2208 - Fax  
basinsurveys.com

# Attachment A- Access Route Map



## EK 30 BS2 FEDERAL COM 2H

Located 150' FSL and 876' FEL  
Section 30, Township 18 South, Range 34 East,  
N.M.P.M., Lea County, New Mexico.



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(575) 393-7315 - Office  
(575) 392-2206 - Fax  
basinsurveys.com

0 1 MI 2 MI 3 MI 4 MI

SCALE: 1" = 2 MILES

W.O. Number JG 22344

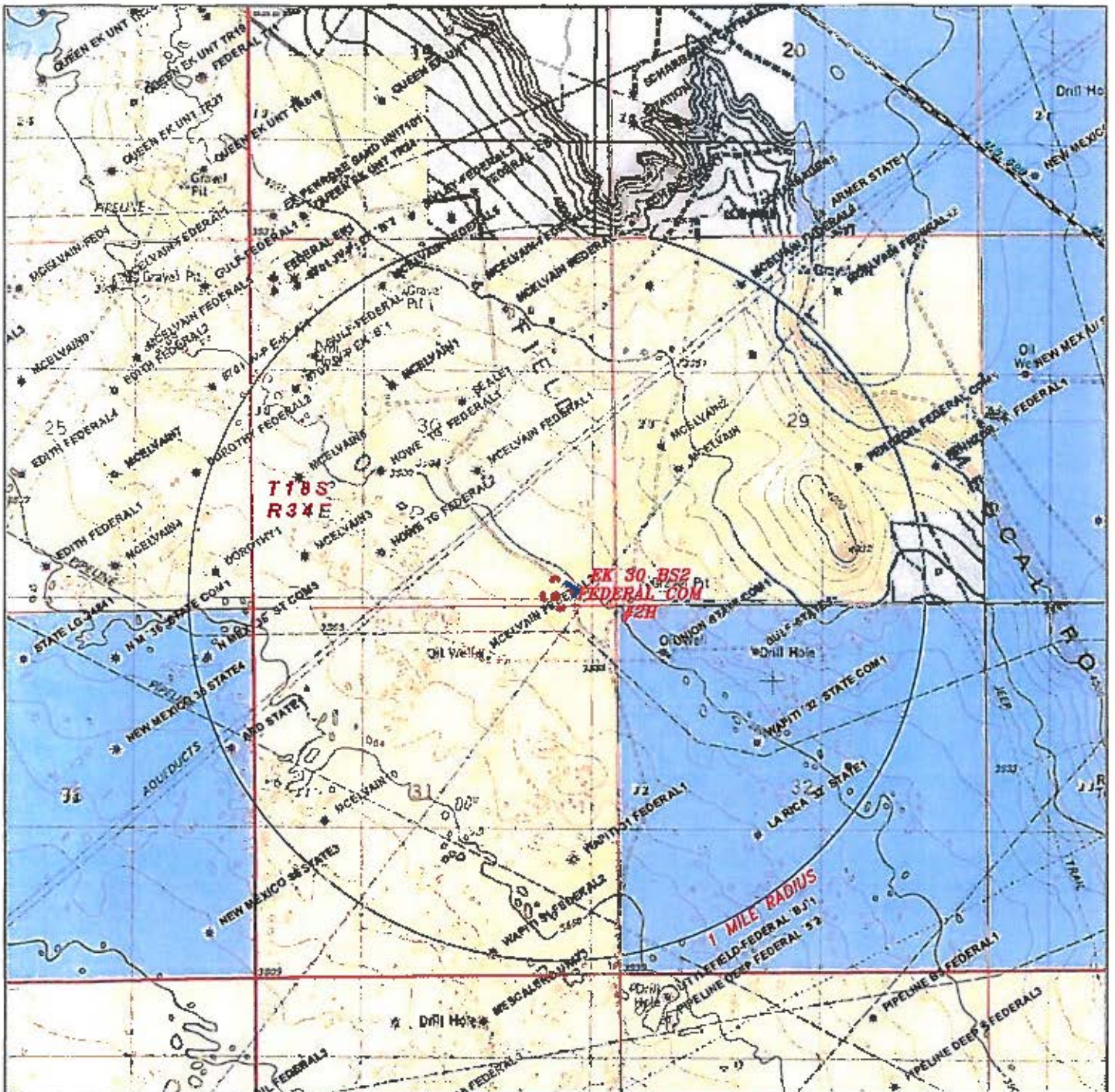
Survey Date: 6-10-2016

YELLOW TINT - USA LAND  
BLUE TINT - STATE LAND  
NATURAL COLOR - FEE LAND

McELVAIN  
ENERGY, INC



# Attachment C - Topographic Map of Well Location



## EK 30 BS2 FEDERAL COM 2H

Located 150' FSL and 876' FEL  
Section 30, Township 18 South, Range 34 East,  
N.M.P.M., Lea County, New Mexico.



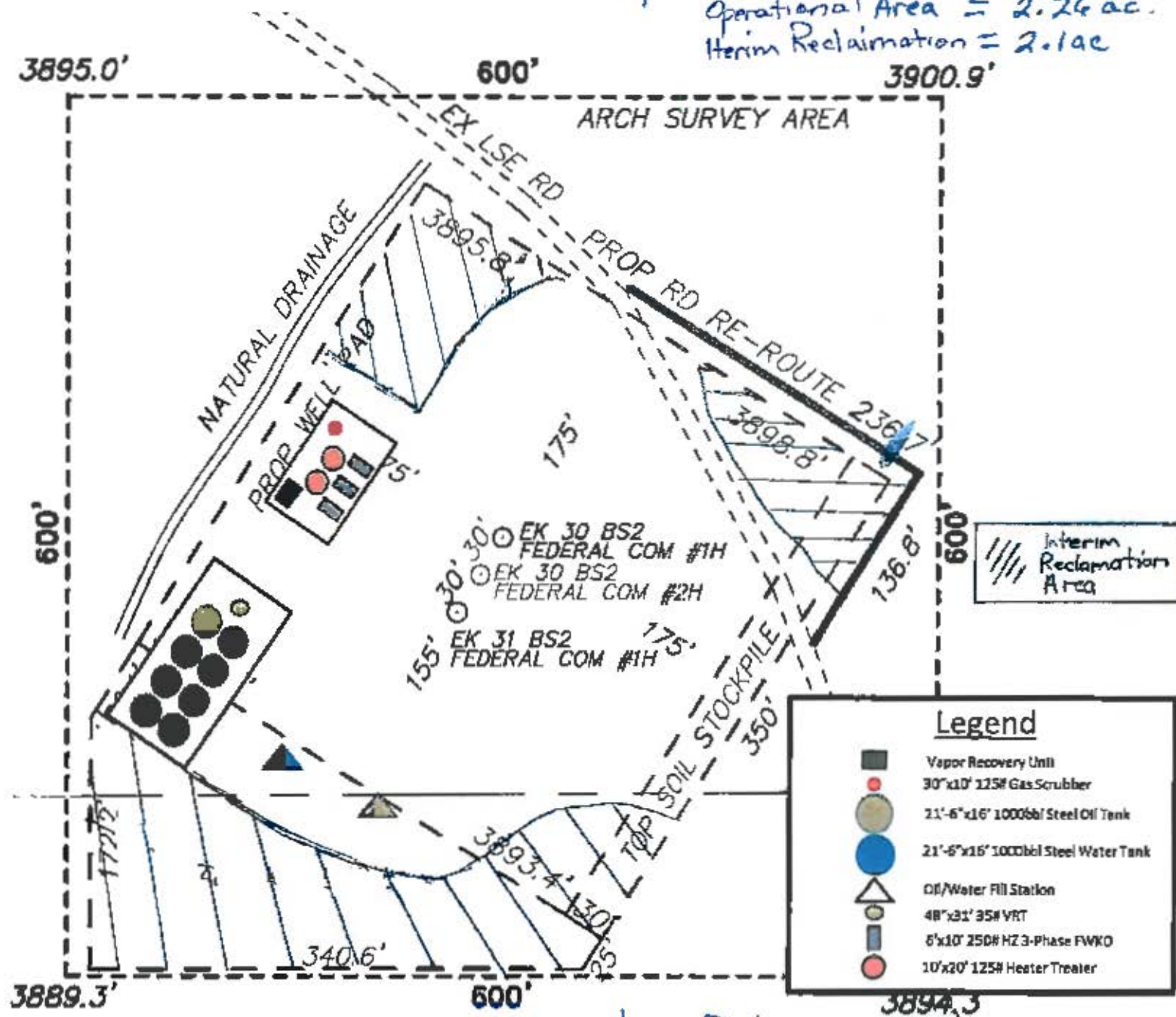
P.O. Box 1786  
1120 N. West County Rd.  
Hobbs, New Mexico 88241  
(575) 393-7316 - Office  
(575) 392-2206 - Fax  
basinsurveys.com

0'	1000'	2000'	3000'	4000'
SCALE: 1" = 2000'				
W O Number		JG 32344		
Survey Date:		6-10-2016		
YELLOW TINT - USA LAND				
BLUE TINT - STATE LAND				
NATURAL COLOR - FEE LAND				

**McELVAIN  
ENERGY, INC**



Orig Pad, - 4.81 ac.  
 Orig Pad Size w/ extension = 4.36 ac  
 Operational Area = 2.24 ac.  
 Interim Reclamation = 2.1 ac



Production & Reclamation Diagram  
 Mc Elvain Energy Inc.

# Attachment B - Location of Existing Wells



## EK 30 BS2 FEDERAL COM 2H

Located 150' FSL and 876' FEL  
Section 30, Township 18 South, Range 34 East,  
N.M.P.M., Lea County, New Mexico.

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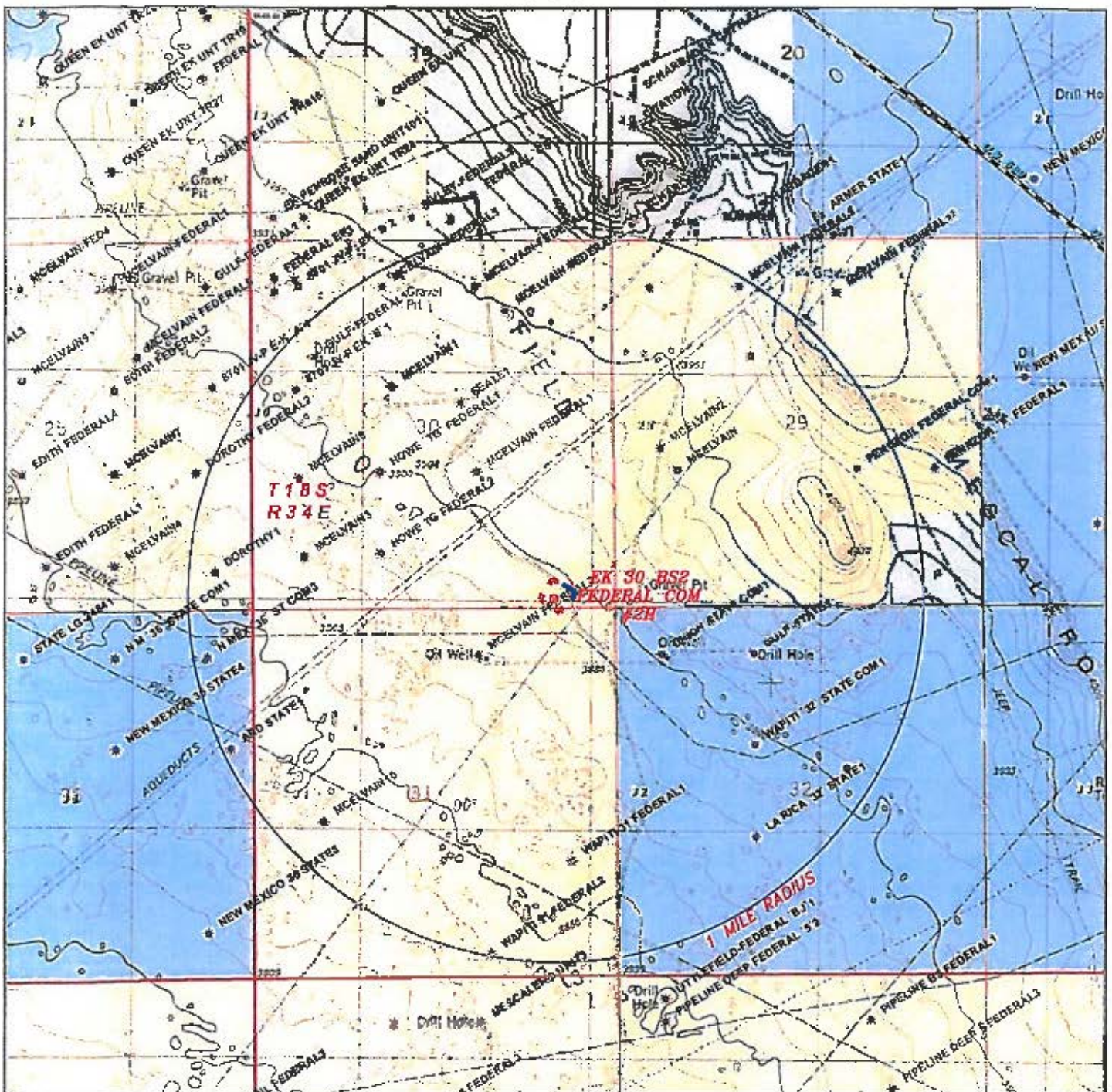
P.O. Box 1786  
1120 N. West County Rd.  
Hobbs, New Mexico 88241  
(575) 393-7316 - Office  
(575) 392-2208 - Fax  
basinsurveys.com

0' 1000' 2000' 3000' 4000'  
SCALE: 1" = 2000'  
W.O. Number: JG 32344  
Survey Date: 6-10-2016  
YELLOW TINT - USA LAND  
BLUE TINT - STATE LAND  
NATURAL COLOR - FEE LAND

**McELVAIN**  
**ENERGY, INC**



# Attachment C - Topographic Map of Well Location



## EK 30 BS2 FEDERAL COM 2H

Located 150' FSL and 876' FEL  
Section 30, Township 18 South, Range 34 East,  
N.M.P.M., Lea County, New Mexico.

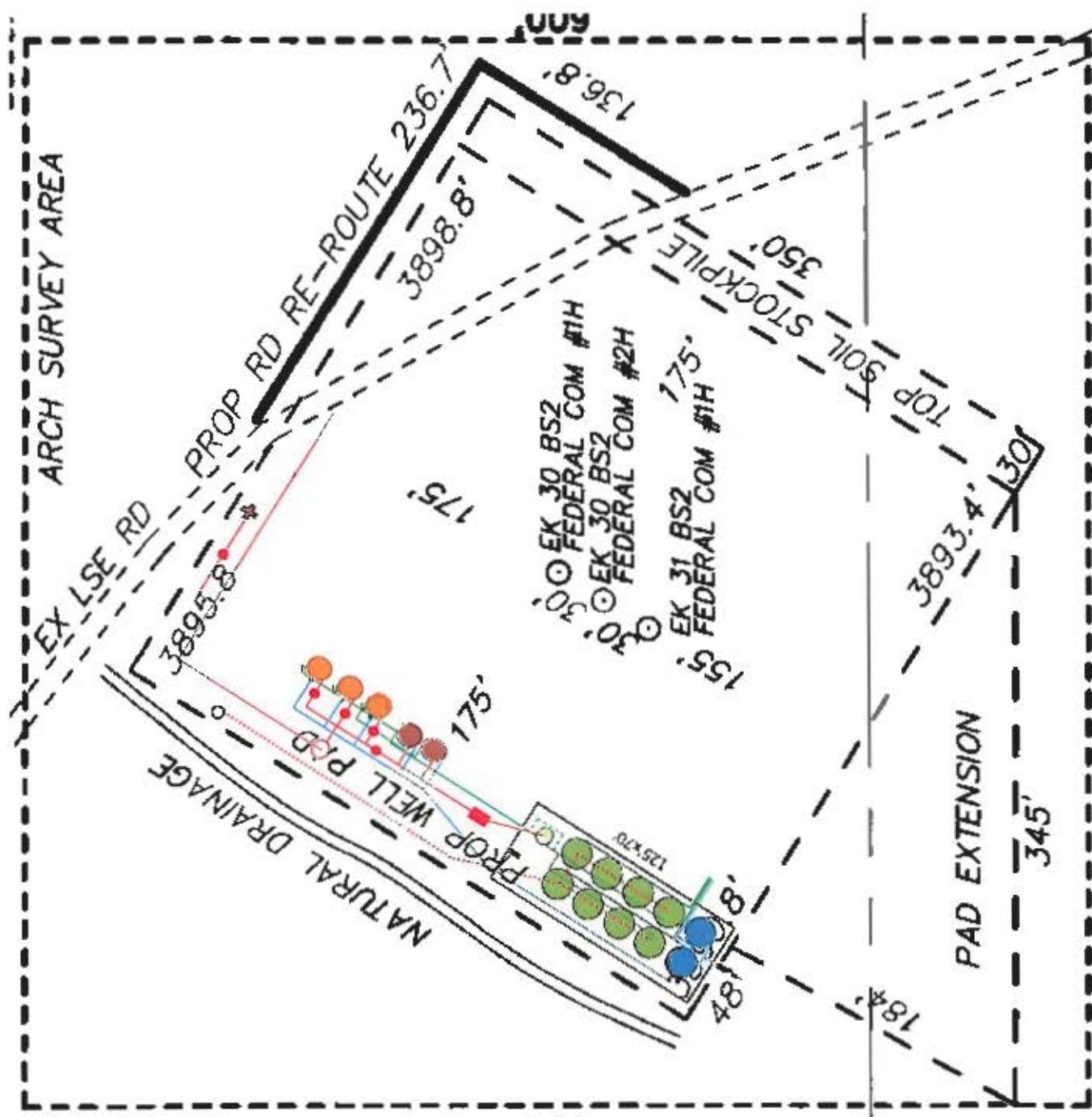
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P.O. Box 1785  
1120 N. West County Rd.  
Hobbs, New Mexico 88241  
(575) 393-7315 - Office  
(575) 392-2206 - Fax  
basinsurveys.com

0' 1000' 2000' 3000' 4000'  
SCALE: 1" = 2000'  
W O Number JG 32344  
Survey Date: 6-10-2016  
YELLOW TINT - USA LAND  
BLUE TINT - STATE LAND  
NATURAL COLOR - FEE LAND

**McELVAIN**  
**ENERGY, INC**







# Fresh Water Source Diagram

529

10

Caviness fresh water station - Water Source 2

9

13

14

15

16

NM T18S R33E

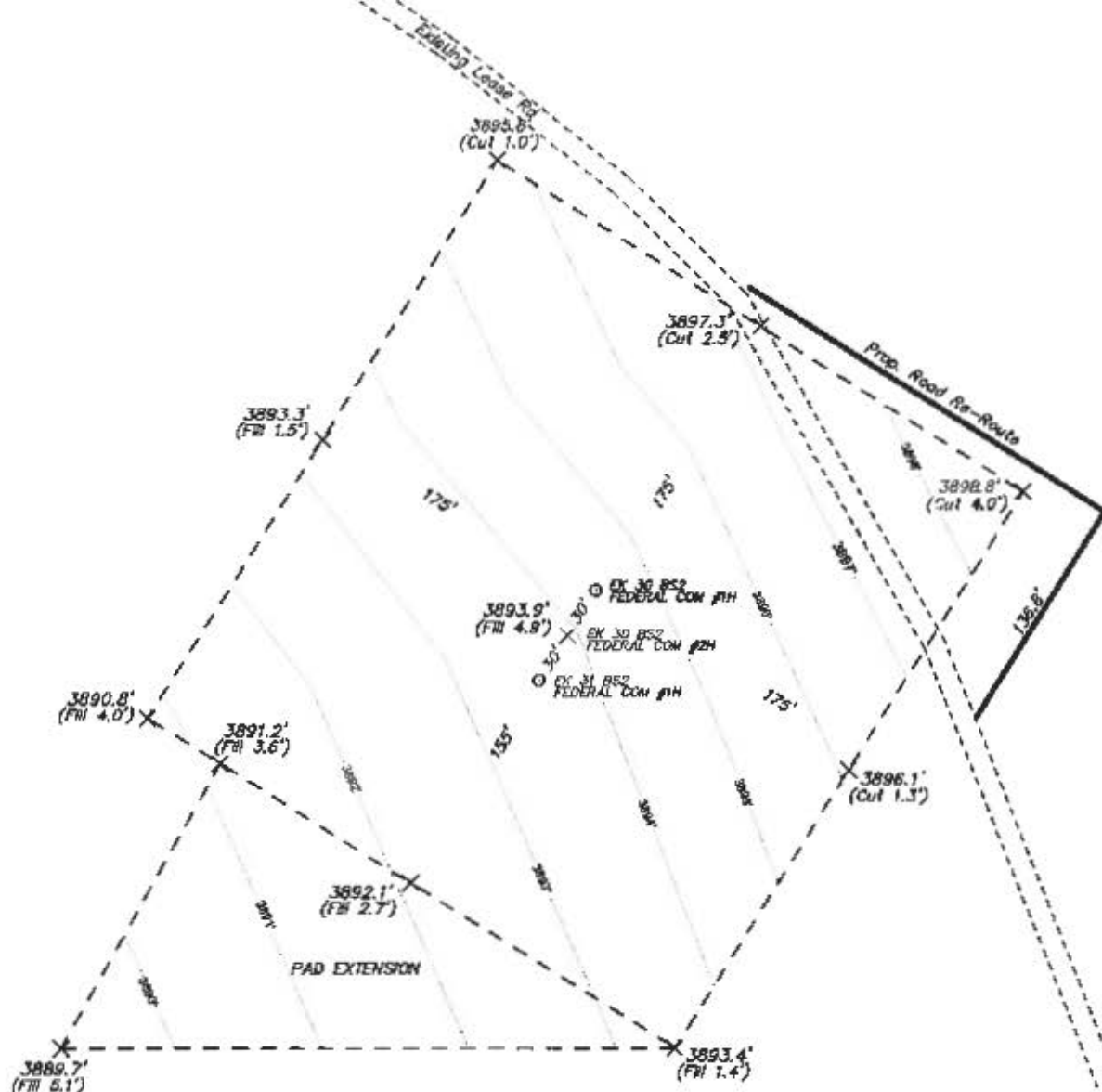
22

21

Truck Route- Caviness fresh water station to well pad



SECTION 30, TOWNSHIP 18 SOUTH, RANGE 34 EAST, N.M.P.M.,  
LEA COUNTY, NEW MEXICO.



Note:  
Contours are based on existing  
elevations.

**McELVAIN ENERGY, INC**

REF: EK 30 BS2 FEDERAL COM CUT & FILL

THE EK 30 BS2 FEDERAL COM 2H LOCATED 150' FROM  
THE SOUTH LINE AND 676' FROM THE EAST LINE OF  
SECTION 30, TOWNSHIP 18 SOUTH, RANGE 34 EAST.

N.M.P.M., LEA COUNTY, NEW MEXICO.

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1120 N. West County Rd. (575) 382-2206 - Fax  
Hobbs, New Mexico 88241 basinsurveys.com

W.O. Number: 32344

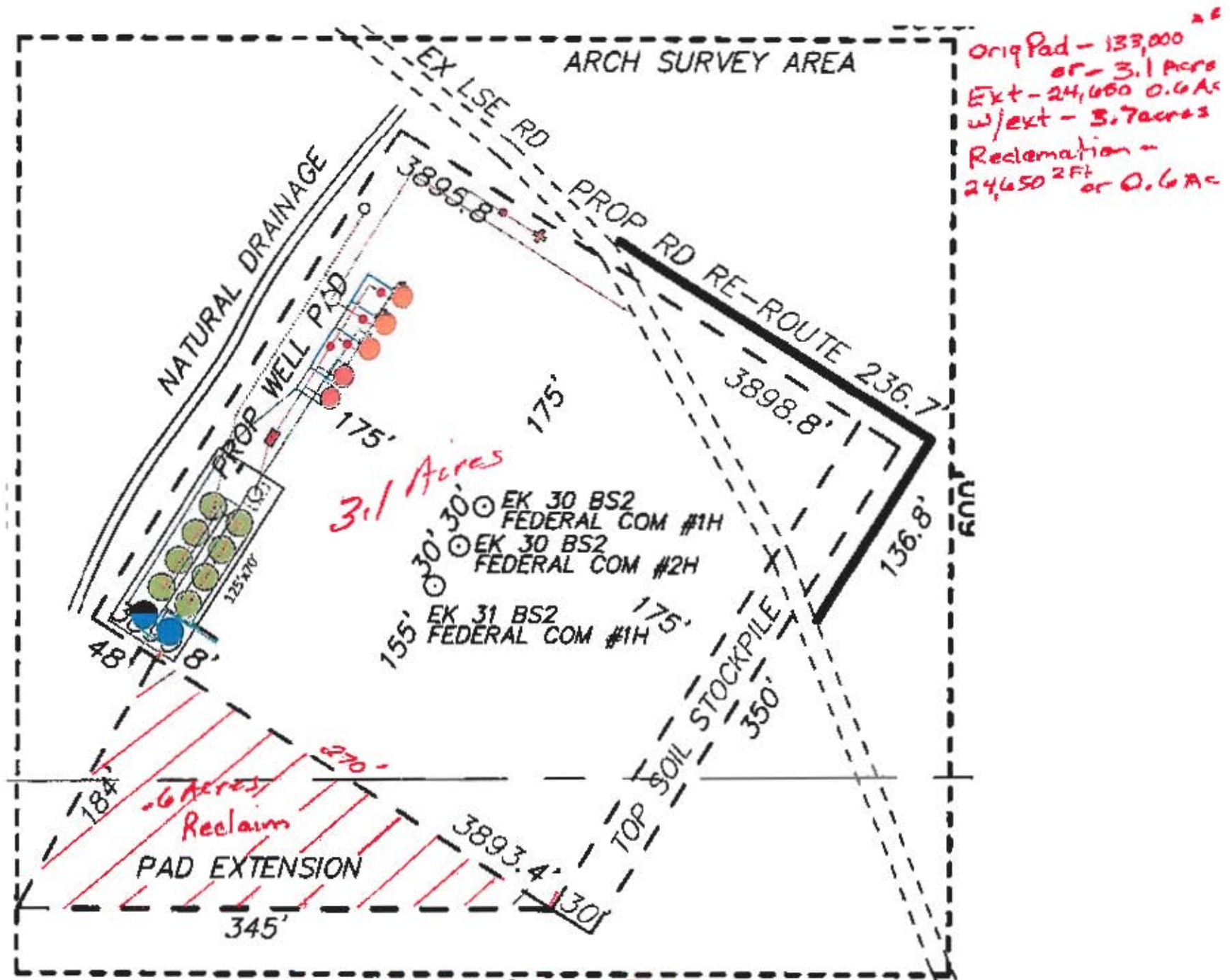
Drawn By: J GOAD

Date: 6-13-2016

Survey Date: 6-10-2016

Sheet 1 of 1 Sheets





Production & Reclamation Diagram  
5/8/2017



Operator: McElvain Energy Inc.  
Well Name (s): EK 30 BS2 Federal COM 2H and EK 31 BS2 Federal COM 1H  
Section, Twn. Range: SE SE Sec. 30, T18S – R34E  
County, State: Lea County, NM

#### **PROPOSED SEED MIXTURE**

The proposed wellsite is located on lands managed by the Bureau of Land Management. The required seed mixture will be provided by the Bureau of Land Management as a Condition of Approval of the Application for Permit to Drill, or at some future date, prior to interim reclamation.



## Waste Minimization Plan

Provide the information below for all wells to be drilled from the same well pad.

1	Well Name(s):	EK 30 BS2 Federal Com 2H and EK 31 BS2 Federal Com 1H	
2	Qtr. Qtr., Sec. Twn. Range	SESE Sec. 30, T18S - R34E	
3	County, State	County: Lea	State: NM
4	Anticipated completion date of the proposed well(s):	Boths wells will be completed at the same time est. 10/1/2017	
5	Anticipated date of first production:	Boths wells will begin production at the same time est. 10/15/2017	
6	Expected oil and gas production rates and <u>duration</u> . (Note: if the proposed well is on a multi-well pad, the plan should include the total expected production for all wells being completed)	Production Rates: Well Pad- 3 2nd Bone Springs Wells IP= 2700 BOPD.....1500 MCFD	Duration: 24 hrs
7	Expected production decline curve of both oil and gas from the proposed well(s)	attached	attached
8	Expected BTU Value for gas production	1200-1300 BTU	
9	Certification that the operator has provided one or more midstream processing companies with information about the operator's production plans, including the anticipated completion dates and gas production rates of the proposed well or wells:	Attach Letter(s)	

### Pipeline Information:

10	Identify the gas pipeline which the operator plan to connect (with sufficient capacity to accommodate the anticipated production of the proposed well(s):	Both wells will tie into an existing Targa / Versado Gas Pipeline. McElvain will run approx 1900' of gas gathering line from the gas sales allocation meters for each well to the Targa custody transfer meter. See attached Image.	
11	Maximum current daily capacity of the pipeline	15MM	
12	Current throughput of the pipeline;	2.3MM	
13	Anticipated daily capacity of the pipeline at the anticipated date of first gas sales from the proposed well;	12MM	



14	Anticipated throughput of the pipeline at the anticipated date of first gas sales from the proposed well;
15	Any plans known to the operator for expansion of pipeline capacity for the area that includes the proposed well(s);

1.5MM
None at this time, but as needed

**If an operator cannot identify a gas pipeline with sufficient capacity to accommodate the anticipated production of the proposed well(s), the waste minimization plan must also include the following:**

16	A gas pipeline system location map of sufficient detail, size and scale as to show the field in which the proposed well will be located and all existing gas trunk lines within 20 miles of the well.
17	Show name and location of the gas processing plant(s) closest to the proposed well(s), and of the intended destination processing plant, if different
18	Show the location and name of the operator of each gas trunk line within 20 miles of the proposed well;
19	Show the proposed route and tie-in point that connects or could connect the subject well to an existing gas trunk line;
20	Total Volume of produced gas, and percentage of total produced gas, that the operator is currently flaring or venting from wells in the same field and any wells within a 20 mile radius of the field;
21	Provide a detailed evaluation, including estimates of costs and returns, of opportunities for on-site capture approaches, such as compression or liquefaction of natural gas, removal of natural gas liquids, or generation of electricity from gas.

Attach Map	
Gas Plant Name(s):	Plant Locations:
Show on Map	
Show on Map	
Volume of total produced gas:	Percentage of total produced gas:
Attach evaluation	