

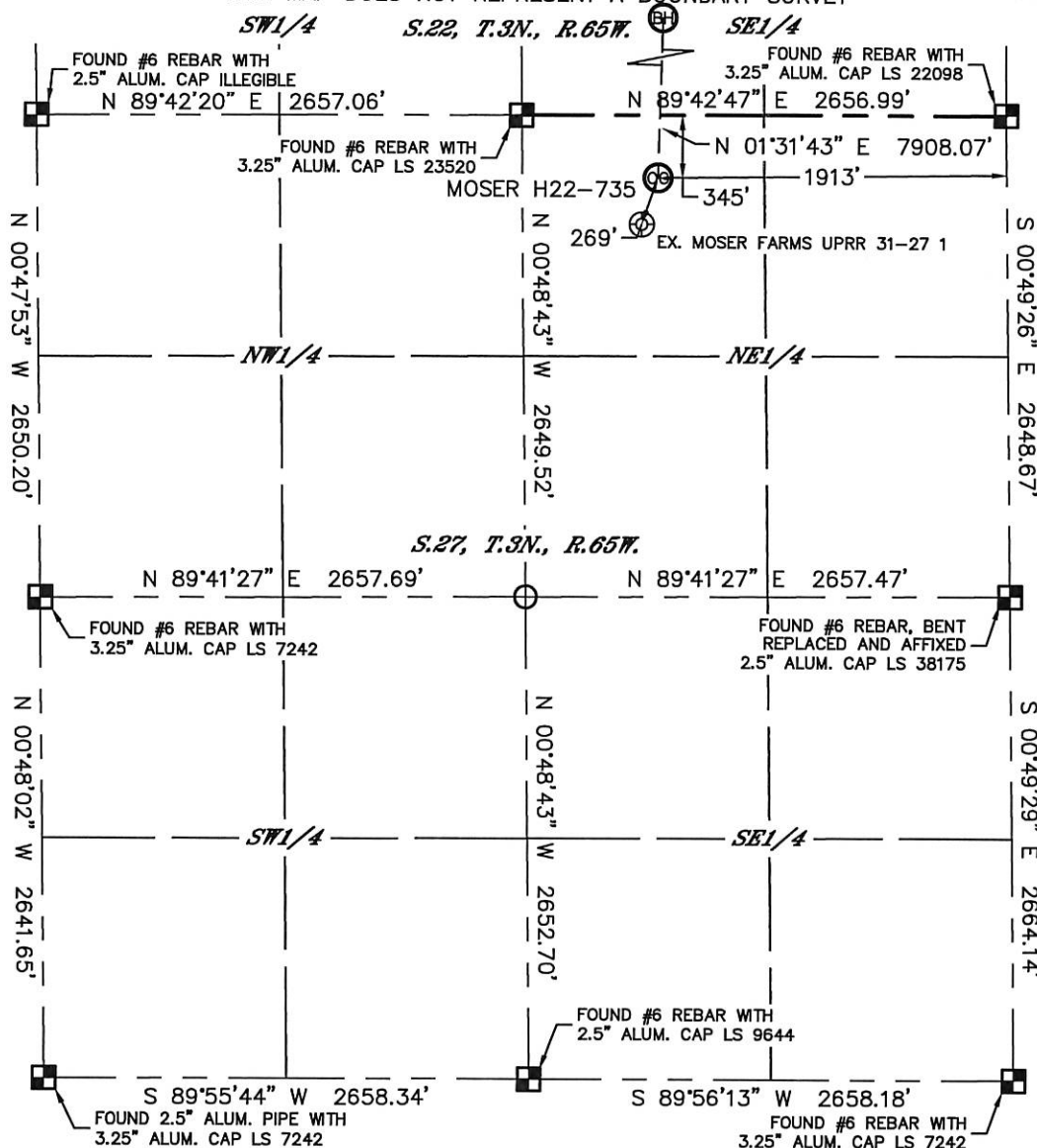


Lat40°, Inc. 1635 Foxtrail Drive, Suite 325 Loveland, CO 970-776-3321

# WELL LOCATION CERTIFICATE

SECTION: 27  
TOWNSHIP: 3N  
RANGE: 65W

THIS MAP DOES NOT REPRESENT A BOUNDARY SURVEY



In accordance with a request from Mike Rodine with Noble Energy Inc., Lat40°, Inc. has determined the surface location of the MOSER H22-735 to be 345' from the NORTH line and 1913' from the EAST line as measured at right angles from the section lines of Section 27, Township 3 North, Range 65 West and the bottom hole to be 2280' from the SOUTH line and 1650' from the EAST line as measured at right angles from the section lines of Section 15, Township 3 North, Range 65 West of the Sixth Principal Meridian, County of Weld, State of Colorado.

I hereby state that this Well Location Certificate was prepared by me, or under my direct supervision, that the fieldwork was completed on 3/13/2014, for and on behalf of Noble Energy Inc. That this is not a Land Survey Plat or an Improvement Survey Plat, and that it is not to be relied upon for establishment of fence, building, or other future improvement lines.

## NOTE:

- 1) Bearings shown are Grid Bearings of the Colorado State Plane Coordinate System, North Zone, North American Datum 1983/2007. The lineal dimensions as contained herein are based upon the "U.S. Survey Foot."
  - 2) Ground elevations are based on an observed GPS elevation (NAVD 1988 DATUM).
  - 3) IMPROVEMENTS: See LOCATION DRAWING for all visible improvements within 500' of disturbed area.
  - 4) SURFACE USE: OLD CROP LAND
  - 5) INSTRUMENT OPERATOR: BRIAN ROTTINGHAUS
  - 6) NEAREST EXISTING WELL: MOSER FARMS UPRR 31-27 1, 269' SW
- NEAREST CULTURAL ITEMS:  
BUILDING: ±1315' NW  
BUILDING UNIT: ±1315' NW  
HIGH OCCUPANCY BUILDING UNIT: 5280'+  
DESIGNATED OUTSIDE ACTIVITY AREA: 5280'+  
PUBLIC ROAD: 332' N (CR 30)  
ABOVEGROUND UTILITY: 310' N  
RAILROAD: 5280'+  
PROPERTY LINE: 345' N

## SURFACE LOCATION

LAT: 40.20270°N  
LONG: 104.64709°W  
PDOP: 1.9  
ELEV: 4811'  
1/4,1/4: NWNE

## BOTTOM HOLE

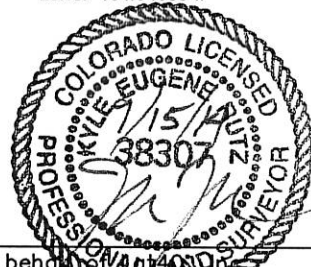
LAT: 40.22439°N  
LONG: 104.64606°W

## LEGEND

- = ALIQUOT MONUMENT AS DESCRIBED  
○ = CALCULATED POSITION

## SHEET 1 OF 3

Kyle E. Rutz-On behalf of Lat40°, Inc.  
Colorado Licensed Professional Land Surveyor No. 38307



DATE: rev9/12/2014  
PROJECT#: 2013178

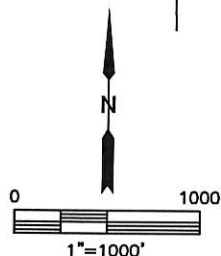
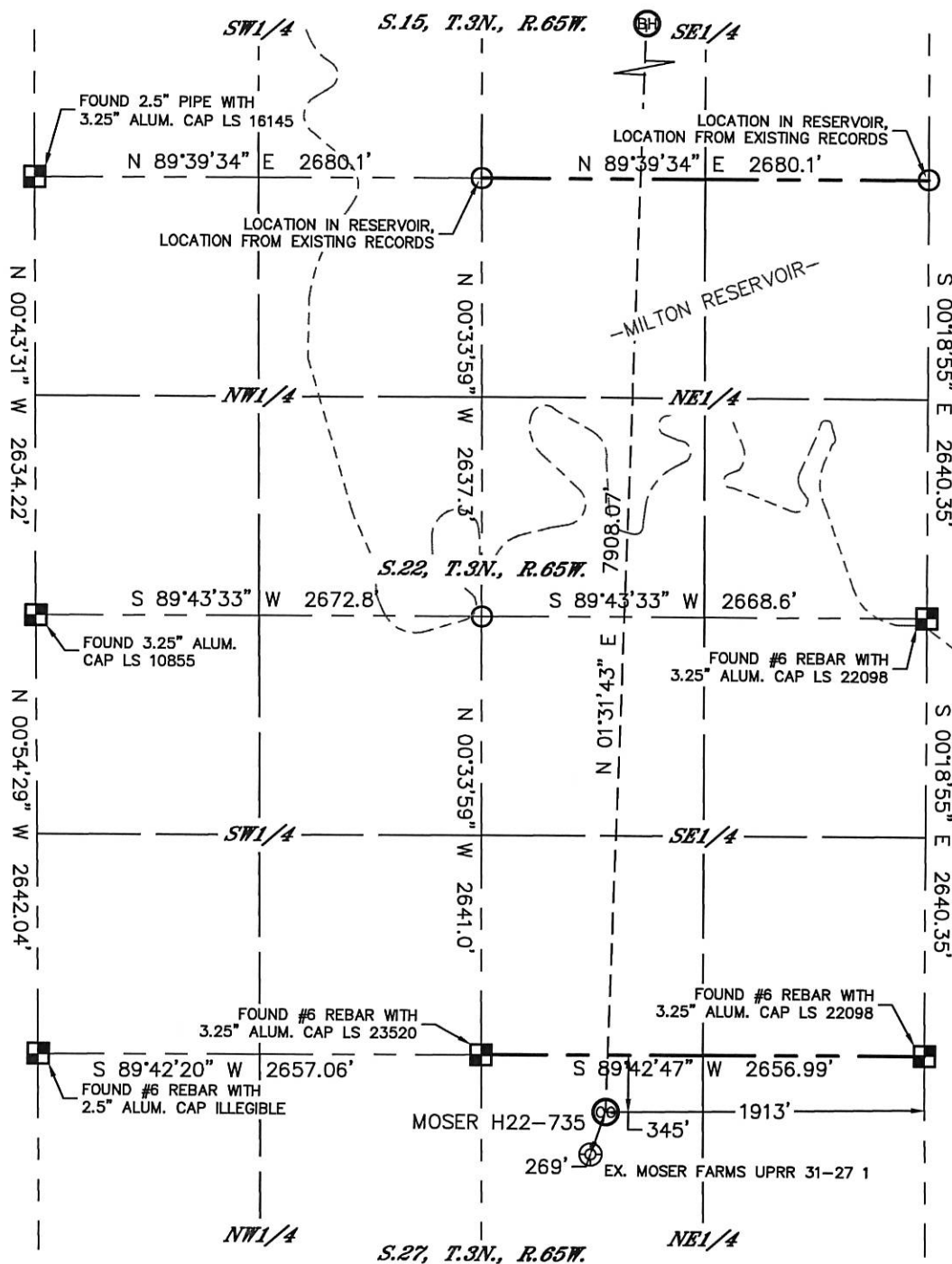


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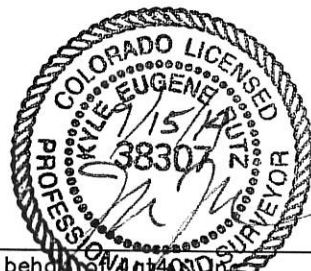


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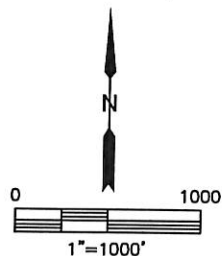
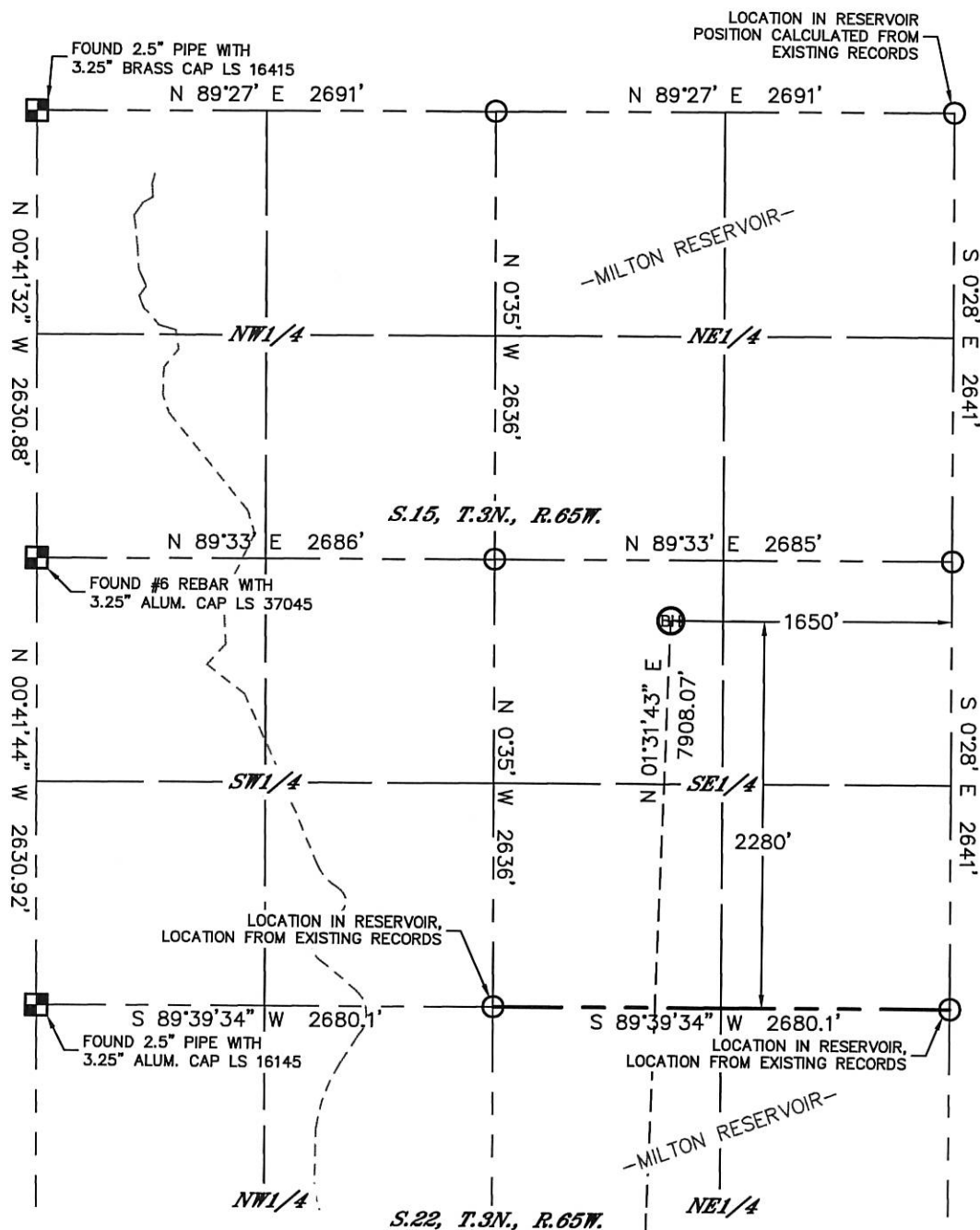


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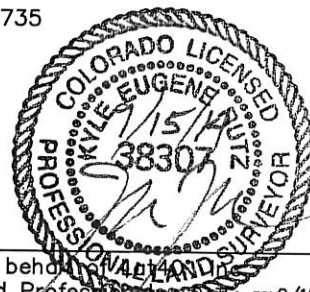
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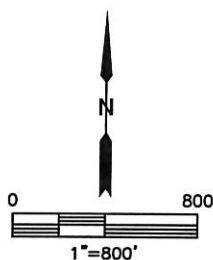
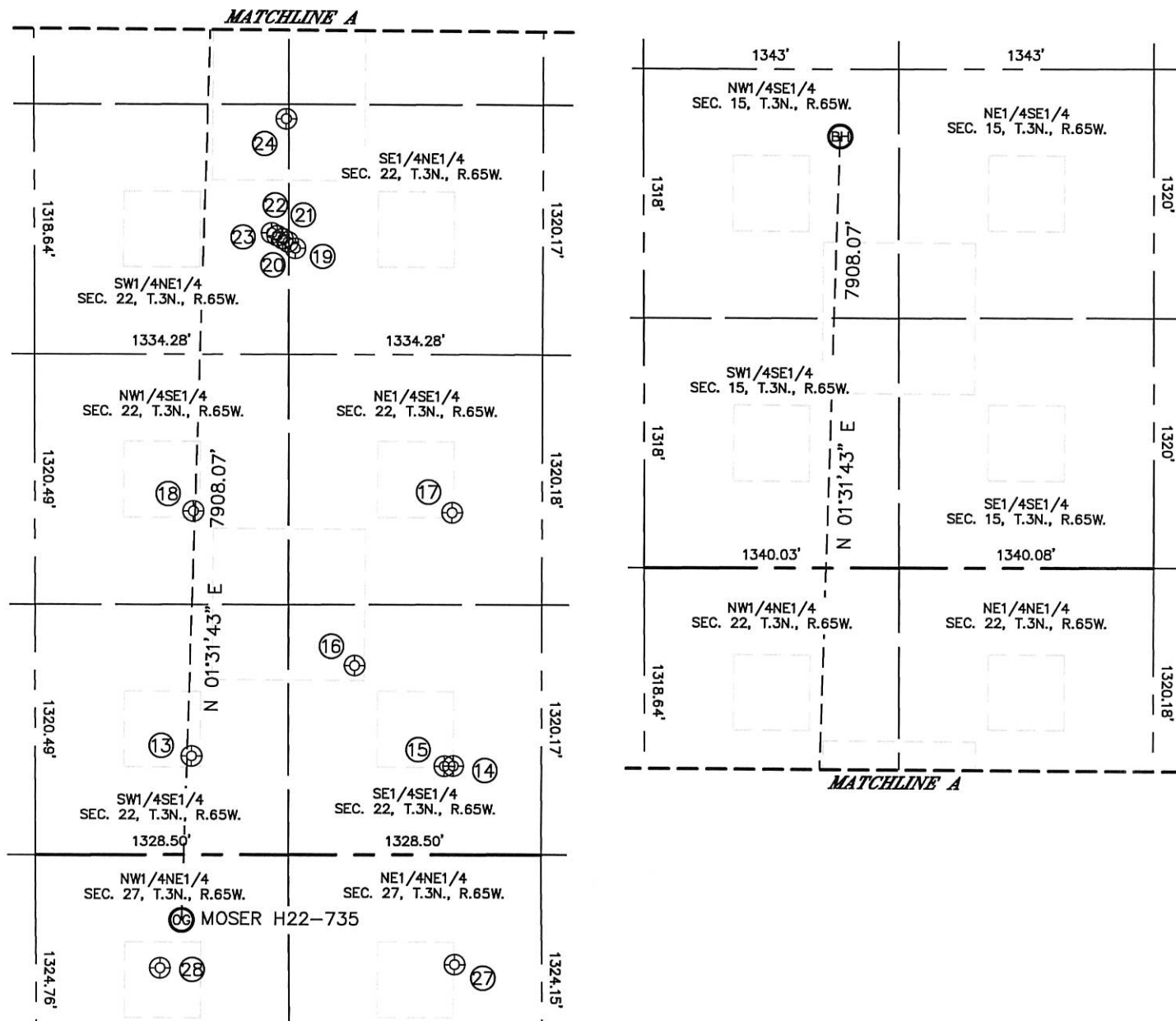


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## SITE SKETCH

MOSER H22-735

SECTION: 27  
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***SHEET 1 OF 2***

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## SITE SKETCH

MOSER H22-735

SECTION: 27  
TOWNSHIP: 3N  
RANGE: 65W

WELL NO.	WELL NAME	SHL FOOTAGE				SHL LAT°	SHL LONG°	PDOP	ELEV (FT.)	1/4/1/4
13	HSR-DOVE 15-22	520	FSL	1840	FEL	40.20508	-104.64682	3.0	4809	SWSE
14	SARCHET 16-22	468	FSL	465	FEL	40.20492	-104.64190	3.0	4811	SESE
15	SARCHET 37-22	466	FSL	512	FEL	40.20491	-104.64207	2.9	4812	SESE
16	HSR-DURVEA 16-22	997	FSL	984	FEL	40.20638	-104.64376	2.8	4807	SESE
17	HSR-DEMEULES 9-22	1808	FSL	474	FEL	40.20859	-104.64192	2.7	4809	NESE
18	HSR-DODGE 10-22	1814	FSL	1834	FEL	40.20863	-104.64679	4.3	4808	NWSE
19	FRICO 24-22	2079	FNL	1301	FEL	40.21243	-104.64486	3.6	4810	SENE
20	HSR-FRICO 8-22	2045	FNL	1339	FEL	40.21252	-104.64499	3.5	4809	SWNE
21	HSR-FRICO 1-22	2029	FNL	1367	FEL	40.21256	-104.64509	3.5	4809	SWNE
22	HSR-FRICO 2-22	2013	FNL	1397	FEL	40.21261	-104.64520	3.4	4809	SWNE
23	HSR-FRICO 7-22	1998	FNL	1426	FEL	40.21265	-104.64530	3.4	4809	SWNE
24	FRICO 17-22	1396	FNL	1351	FEL	40.21430	-104.64503	3.3	4805	SWNE
27	HSR-MOSER 1-27	581	FNL	458	FEL	40.20204	-104.64188	3.0	4812	NENE
28	MOSER FARMS UPRR 31-27 #1	599	FNL	2005	FEL	40.20201	-104.64741	3.0	4813	NWNE

*SHEET 2 OF 2*

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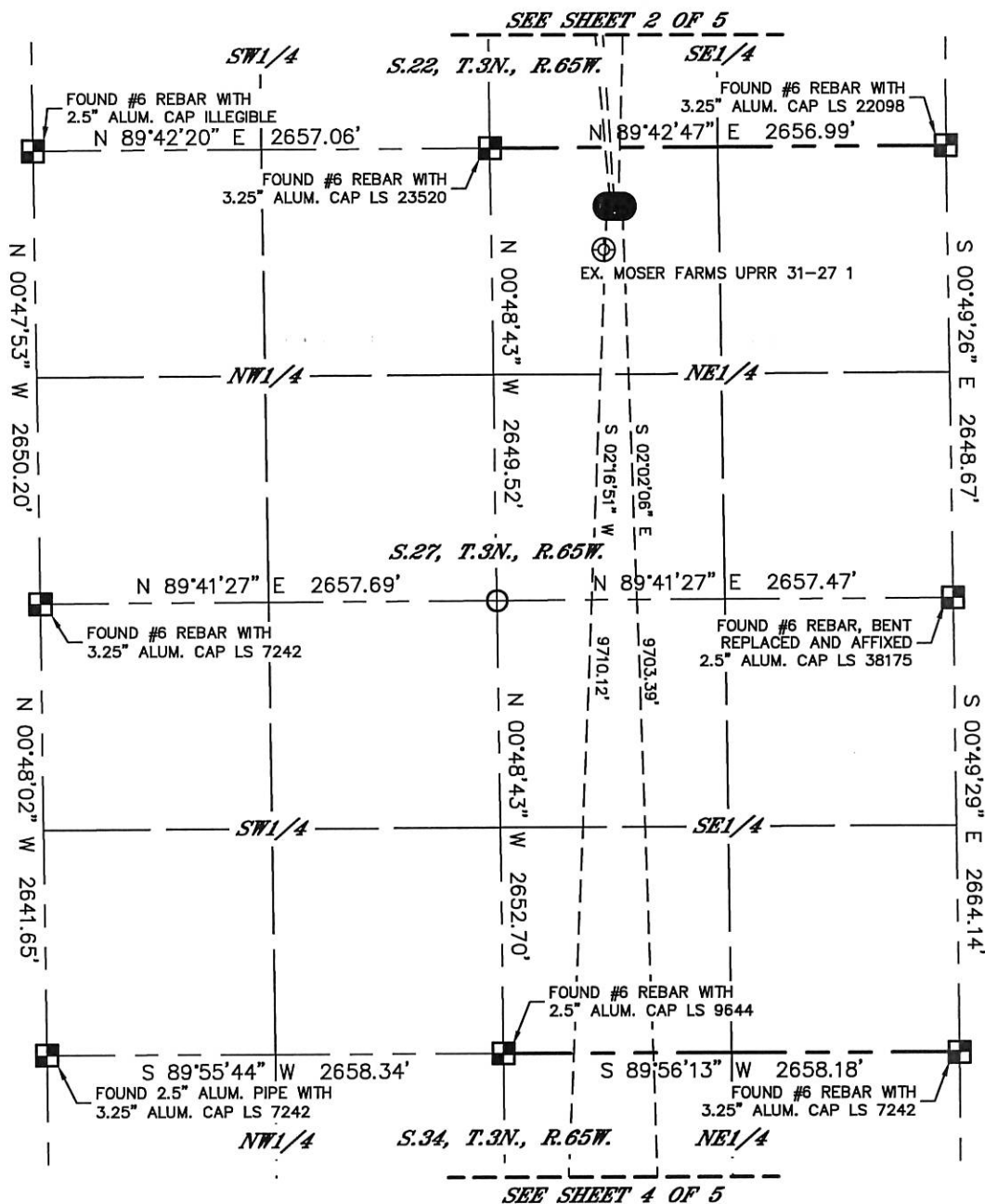
Lat40°, Inc. 1635 Foxtrail Drive, Suite 325 Loveland, CO 970-776-3321

## MULTI-WELL PLAN

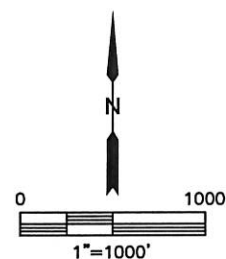
MOSER H34-735 PAD

THIS MAP DOES NOT REPRESENT A BOUNDARY SURVEY

SECTION: 27  
TOWNSHIP: 3N  
RANGE: 65W



#	WELL NAME	BHL FOOTAGE	BHL LAT °	BHL LONG °	1/4/1/4
1	MOSER H34-735	541 FSL 1654 FEL	40.17608	-104.64611	SWSE
2	MOSER H22-735	2280 FSL 1650 FEL	40.22439	-104.64606	NWSE
3	MOSER H22-745	496 FSL 2311 FEL	40.21950	-104.64844	SWSE
4	MOSER H22-748	499 FSL 2471 FEL	40.21951	-104.64901	NWSE
5	MOSER H34-748	538 FSL 2475 FEL	40.17609	-104.64905	SWSE



SHEET 1 OF 5

DATE: rev9/12/2014  
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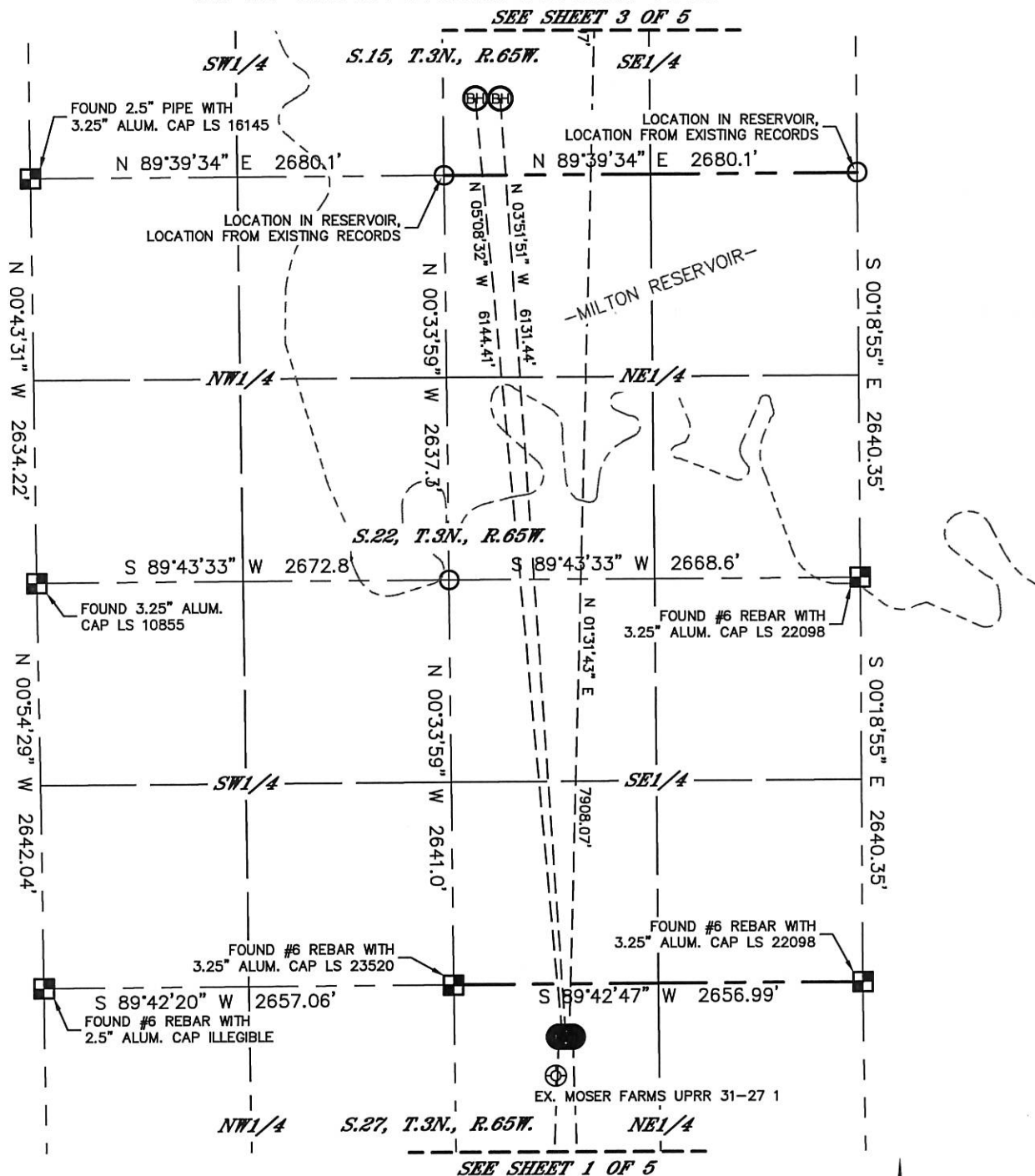
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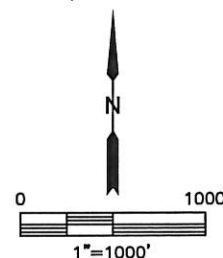
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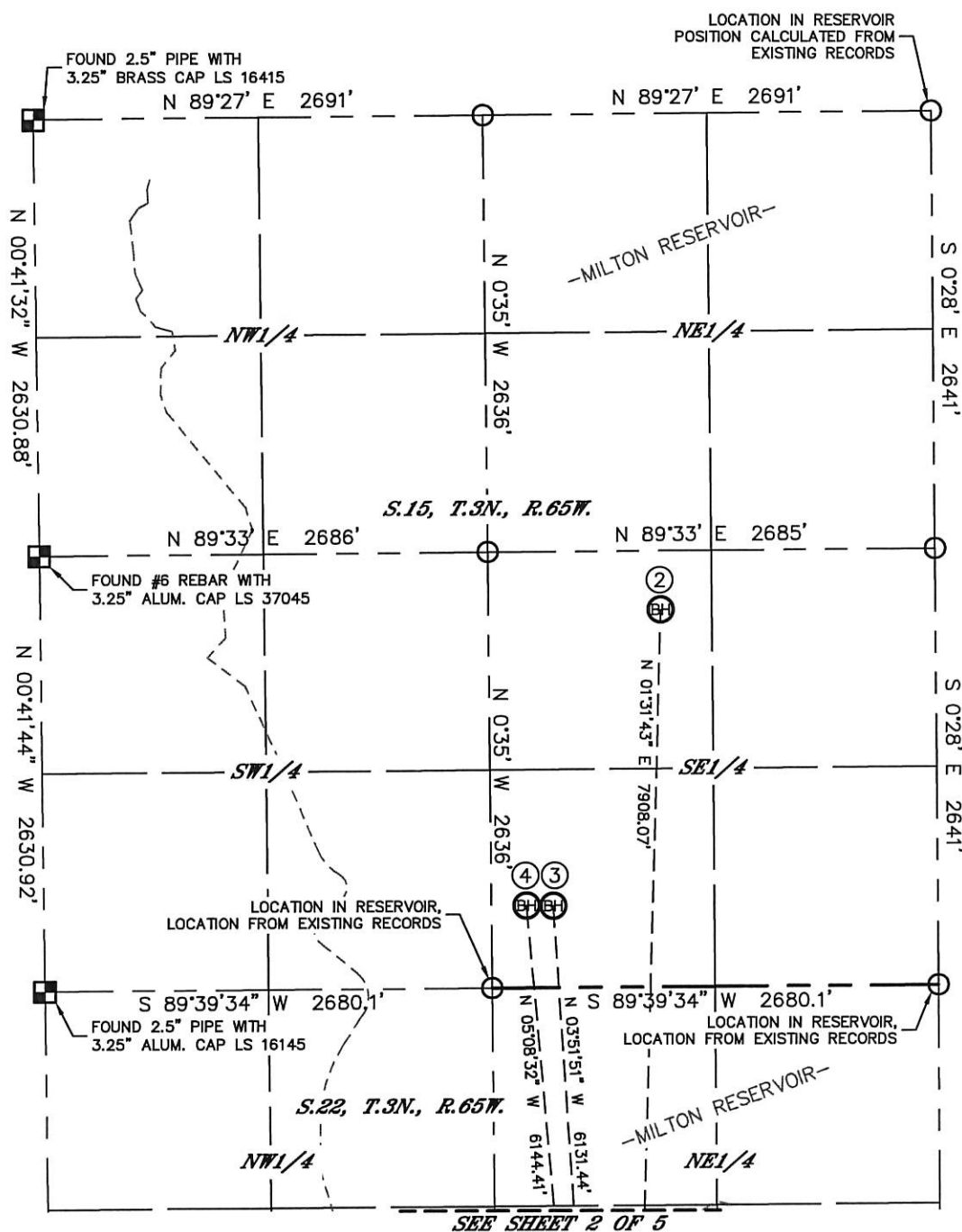
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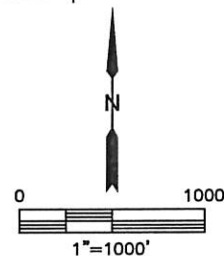
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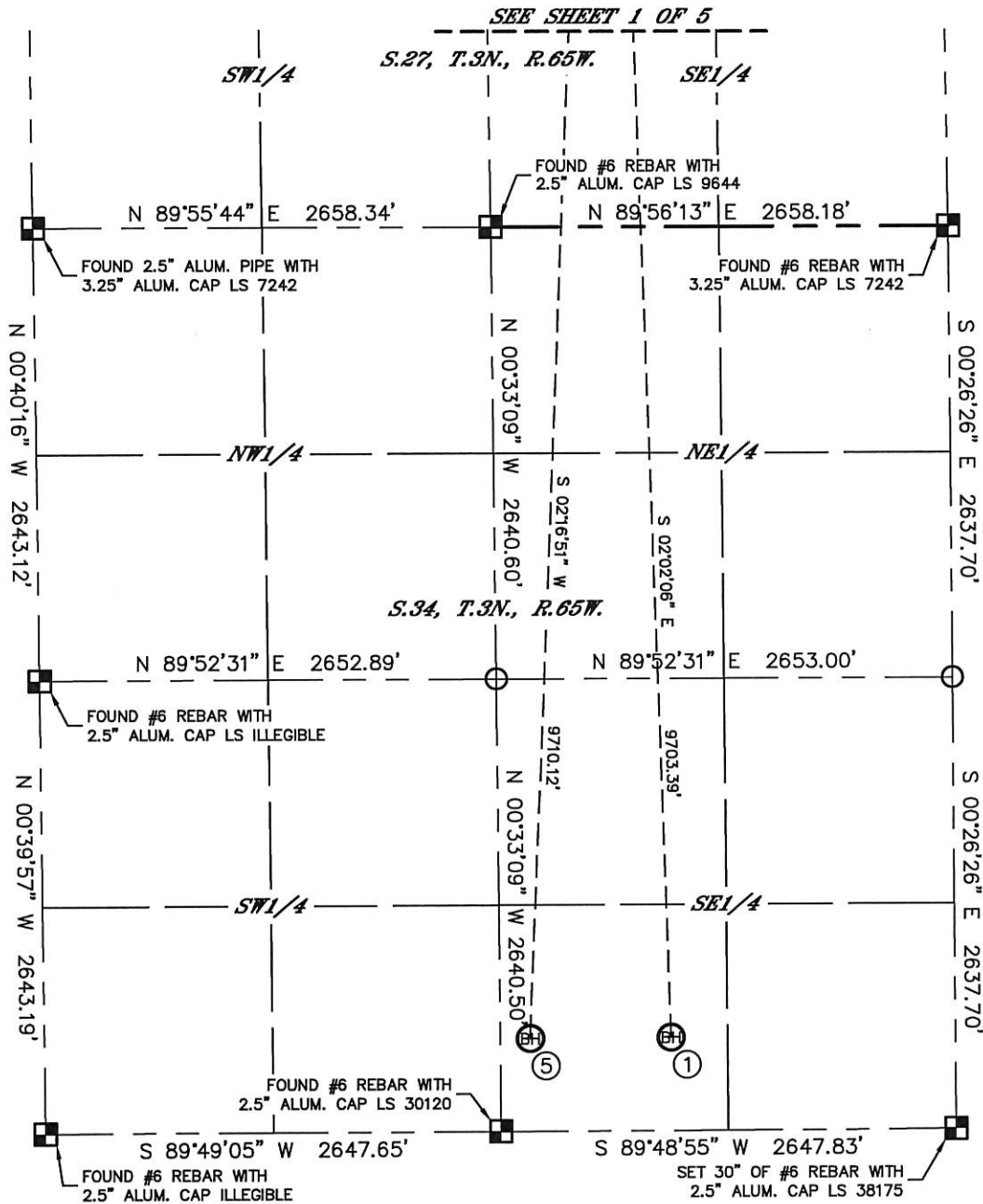
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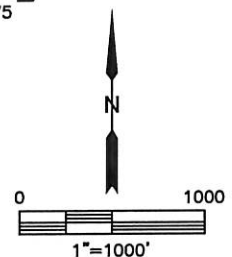
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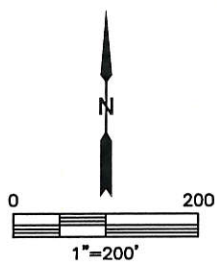
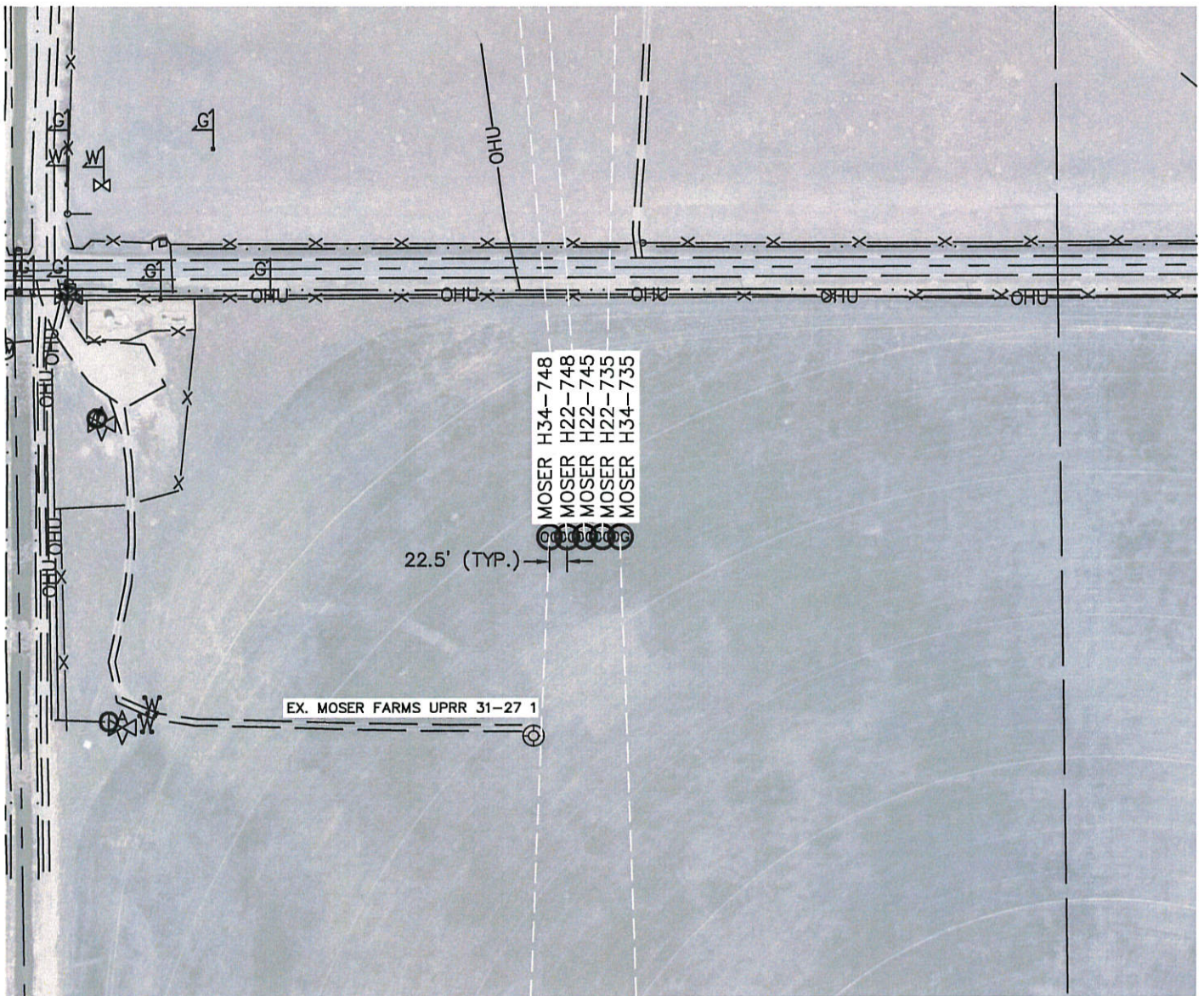


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## MULTI-WELL PLAN

MOSER H34-735 PAD

SECTION: 27  
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RANGE: 65W



**SHEET 5 OF 5**

DATE: rev9/12/2014  
PROJECT#: 2013178



Permitting Checklist

Is this a rush? No Siteview Name: H22-23 A

Well Details

Well Name:	Moser H22-735						
Consultation Date:	1/6/2014						
Location Directions							
Surface Location	345'	FNL	1913'	FEL	S 27	T 3N	R 65W ✓
Bottom Hole Location	2280'	FSL	1650'	FEL	S 15	T 3N	R 65W ✓
Field Landman	Mike Rodine						
Denver Landman							
Prospect Development Engineer							
Denver Regulatory							
Development Plan	DP 401						
Date Completed	Click here to enter a date. (9/18)						

Outside of GWA? No

Contact D-Land for Lease Line

Will MLVT's be used? No

☐ HZL ☐ HZM ☒ HZ ☐ 318A ☐ 318A Dir. ☐ 318A.e. Vertical ☐ 318A.e. Dir.

Waiver Checklist

Is the Well located within the GWA window? No  
If "No", you need a Surface Exception Location Waiver

Is the Well further than 50' from an existing Well in the section? Yes  
If "Yes", you will need a Twinning Waiver

Distance to property line(s) 345 ✓

Is the Well less than 150' to a property line? No  
If "Yes", you will need a Property Line Waiver from the offset owner.

Did you verify that the Tank is further than 2 diameters to a property line? Yes

Comments

Five well pad including: Moser H22-748, Moser H34-748, Moser H22-745, Moser H34-735, Moser H22-735.

Production equipment for these wells is included in the Moser H22-711 tank (multi) permit.

Facility will be located approximately 1400' east of well pad location.

Waiver language is in the SUA

Documentation	Field Land
<div>Permit Packet Form 2</div> <div><input checked="" type="checkbox"/> Well Location Certificate</div> <div><input checked="" type="checkbox"/> Site Sketch</div> <div><input type="checkbox"/> Twinning? As-Built*</div> <div>Waivers?* (See Waiver Checklist on Page 1.)</div> <div><input checked="" type="checkbox"/> Twinning Waiver*</div> <div><input checked="" type="checkbox"/> Surface Exception Location Waiver*</div> <div><input checked="" type="checkbox"/> Property Line Waiver*<div>Waiver language is in the SUA</div></div> <div>Permit Packet Form 2A</div> <div><input checked="" type="checkbox"/> Overall Exhibit or Exhibit A* Form 2A</div> <div><input checked="" type="checkbox"/> Location Pictures</div> <div><input checked="" type="checkbox"/> Reference Area Pictures (4)*</div> <div><input checked="" type="checkbox"/> Reference Area Map*</div> <div><input checked="" type="checkbox"/> Location Drawing</div> <div><input checked="" type="checkbox"/> Proposed Scaled Facility Drawing</div> <div><input checked="" type="checkbox"/> Hydrology Map</div> <div><input checked="" type="checkbox"/> Access Road Map</div> <div><input checked="" type="checkbox"/> Access Road Map (aerial)</div> <div><input checked="" type="checkbox"/> Multi Well Plan*</div> <div><input checked="" type="checkbox"/> NRCS Descriptions</div> <div>Notifications</div> <div><input checked="" type="checkbox"/> Surface Owner Letter*</div> <div><input checked="" type="checkbox"/> Notice of Intent Letter*</div> <div><input checked="" type="checkbox"/> Notification Zone Drawing</div> <div><input type="checkbox"/> Landman Log submitted to SiteView Tech?</div> <div><input type="checkbox"/> Tank Battery within the disturbance area?</div> <div>*Include only when needed</div>	<div>Is the Location in a Restricted Surface Occupancy Area? No</div> <div>Is the Location in a Sensitive Wildlife Habitat? No</div> <div>If "Yes", please attach the Wildlife/Environmental Report.</div> <div>Please also include any correspondence from the CPW.</div> <div>Wildlife</div> <div>Dates: Entry: Exit:</div> <div>Delineation report required? No</div> <div>Approved 404 permit required? No</div> <div>Does the location have a slope great than 10%? No</div> <div>Is this a Multi-Well Pad? Yes</div> <div>Is there a pipeline within the disturbance area? No</div> <div>If pipeline exists, specify distance and direction:</div> <div>Stake Site Meeting Date: 6/12/2014</div> <div>Restricted/Anytime Designations</div> <div>Location Type: Choose an item. Restricted</div> <div>If Crop Land, Crop Type: Hay</div> <div>Entry: 10/1/2014 Exit: 5/1/2015</div> <div>Is the well less than 200' from a Cultural Feature? No</div> <div>If "Yes", what is the distance to the Cultural Feature(s)?</div> <div>Will the location be placed within a Floodplain? No</div> <div>Are you using existing Access Roads? Yes</div> <div>Is FAA Approval Needed? Yes</div> <div>Is an SUA needed to Permit this Location? No</div> <div>If "Yes", Why is an SUA needed?</div> <div>Has the County ROW been checked? Yes</div>