

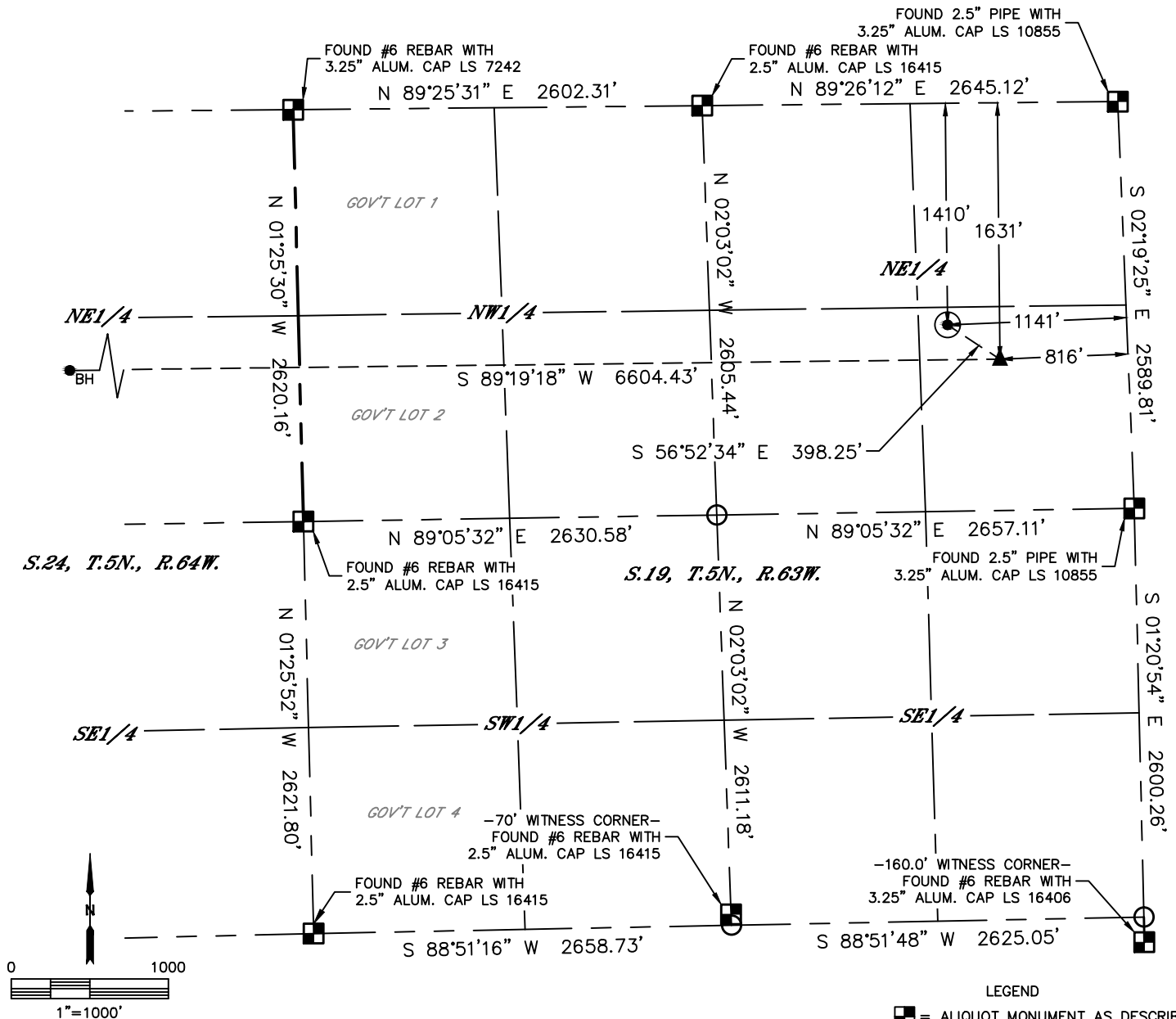


Lat40°, Inc. 6250 W. 10th Street, Unit 2, Greeley, CO 970-515-5294

WELL LOCATION CERTIFICATE

COCKROFT 19V-234

SECTION: 19
TOWNSHIP: 5N
RANGE: 63W
6TH. P.M.
WELD COUNTY, CO



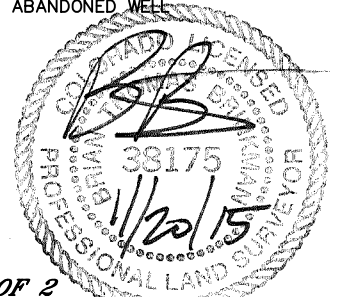
CLIENT: PDC ENERGY						LANDMAN: PATRICK FINLEY				
INSTRUMENT OPERATOR: CHASE MILLER						SURVEY DATE: 8/13/15		SURFACE USE: CROP LAND		
SHL FOOTAGE				SHL LAT °	SHL LONG °	SHL PDOP	SHL ELEV (FT.)	SHL 1/4/1/4	SHL S-T-R	
1410	FNL	1141	FEL	40.38808	-104.47408	1.9	4554	SENE	19-5-63	

BHL FOOTAGE				BHL LAT °	BHL LONG °	BHL S-T-R	EP LAT °	EP LONG °	EP S-T-R
1648	FNL	2148	FEL	40.38747	-104.49659	24-5-64	40.38747	-104.47289	19-5-63

NEAREST CULTURAL ITEMS	
BUILDING	±460' SE
BUILDING UNIT	±460' SE
HIGH OCCUPANCY BUILDING UNIT	5280'+
DESIGNATED OUTSIDE ACTIVITY AREA	5280'+
PUBLIC ROAD (COUNTY ROAD 388)	±387' SW
ABOVE GROUND UTILITY	±422' SW
RAILROAD	5280'+
PROPERTY LINE	±397' SW

NOTE:
1) Bearings shown are Grid Bearings of the Colorado State Plane Coordinate System, North Zone, North American Datum 1983. The lineal dimensions as contained herein are based upon the "U.S. Survey Foot."
2) Distances to section lines measured at 90 degrees from said section lines.
3) Ground elevations are based on an observed GPS elevation (NAVD 1988 DATUM).
4) Latitude and Longitude shown are (NAD 83 DATUM).
5) IMPROVEMENTS: See LOCATION DRAWING for all visible improvements within 500' of oil and gas location.
6) This map does not represent a boundary survey.

- LEGEND
- = ALIQUOT MONUMENT AS DESCRIBED
 - = CALCULATED POSITION
 - = SURFACE HOLE LOCATION (SHL)
 - ▲ = ENTRY POINT LOCATION (EP)
 - BH = BOTTOM HOLE LOCATION (BHL)
 - ⊕ = EXISTING WELL
 - ⊙ = ABANDONED WELL



SHEET 1 OF 2

Brian T. Brinkman—On behalf of Lat40°, Inc.
Colorado Licensed Professional Land Surveyor No. 38175
DATE: rev11/20/2015
PROJECT#: 2015114

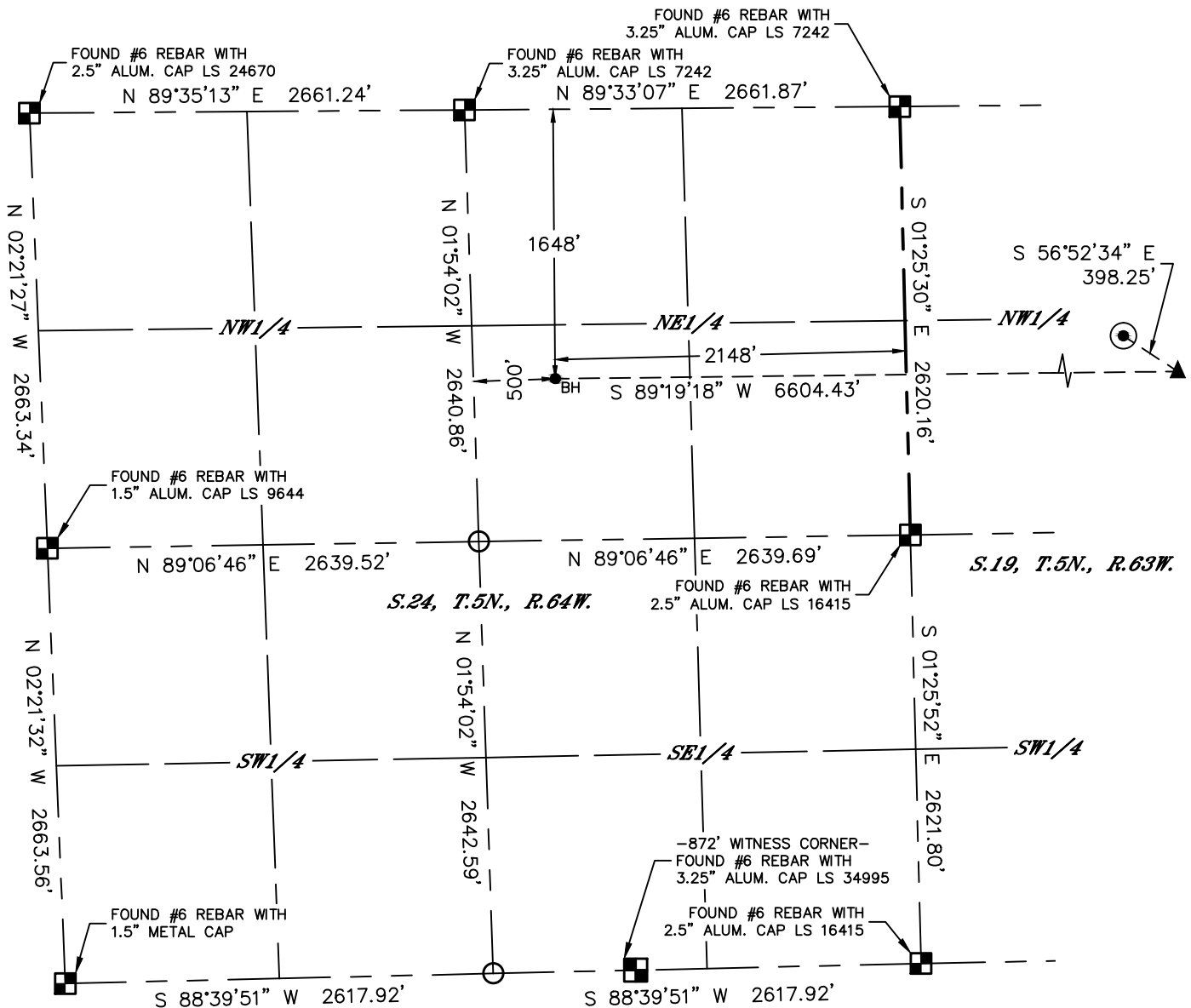


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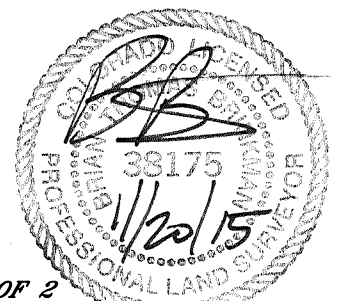
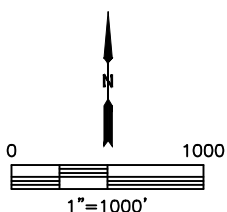
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SHEET 2 OF 2

Brian T. Brinkman—On behalf of Lat40°, Inc.
Colorado Licensed Professional Land Surveyor No. 38175
DATE: rev11/20/2015
PROJECT#: 2015114

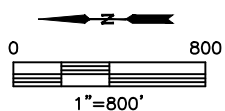
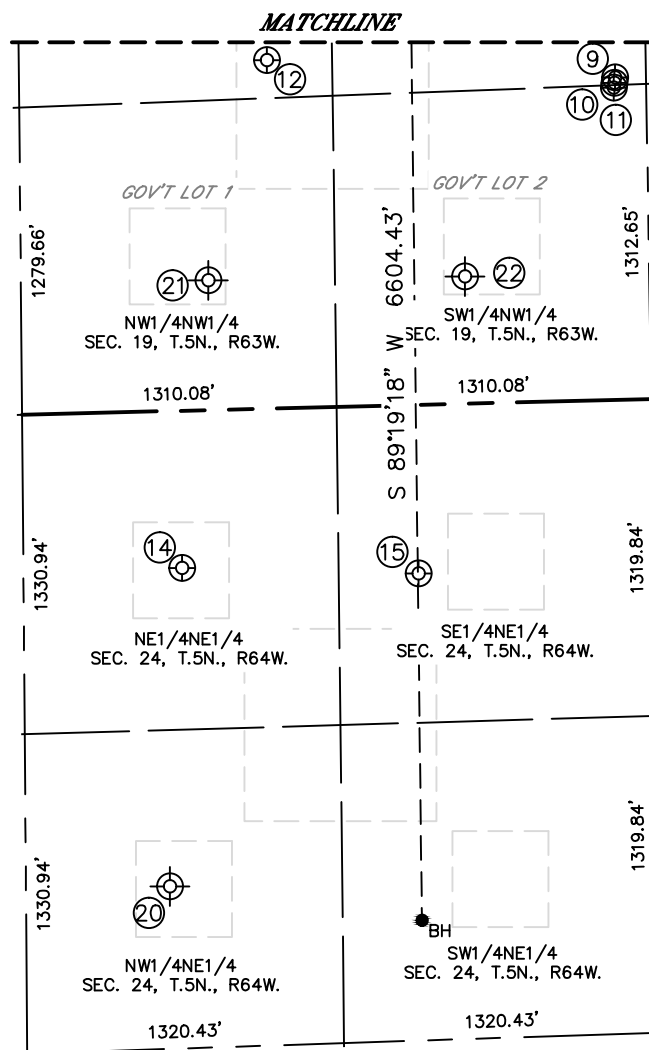
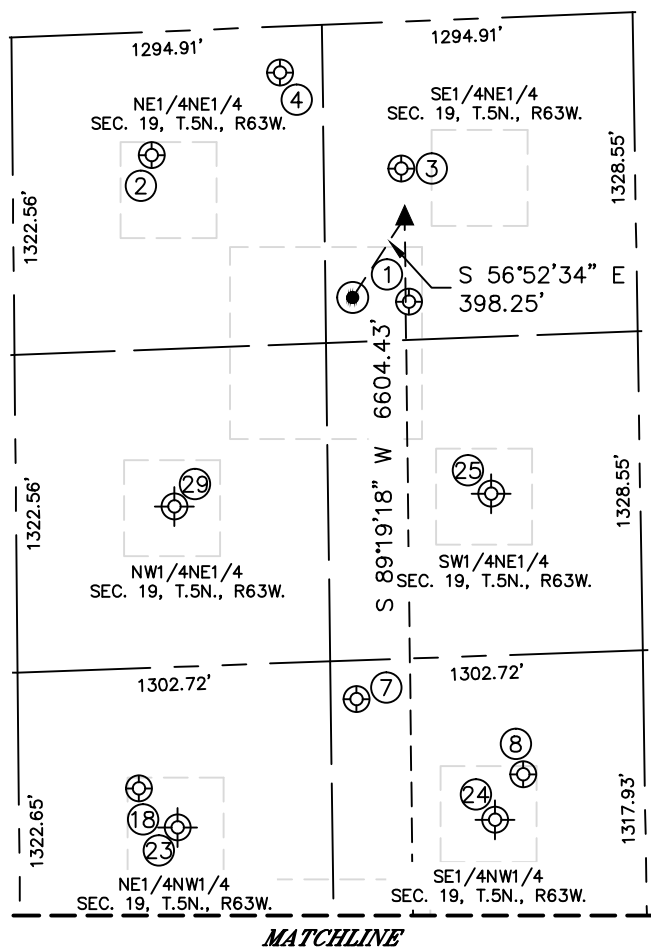


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SITE SKETCH

COCKROFT 19V-234

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SITE SKETCH

COCKROFT 19V-234

SECTION: 19
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WELL NO.	WELL NAME	SHL FOOTAGE				SHL LAT°	SHL LONG°	PDOP	ELEV (FT.)	1/4/1/4
1	COCKROFT 19C	1645	FNL	1167	FEL	40.38744	-104.47415	2.4	4554	SENE
2	COCKROFT 41-19	580	FNL	514	FEL	40.39036	-104.47191	3.0	4555	NENE
3	CHRISTENSON 8-19	1619	FNL	611	FEL	40.38751	-104.47216	1.8	4561	SENE
4	COCKROFT 19V	1118	FNL	191	FEL	40.38888	-104.47070	1.8	4580	NENE
7	OCHSNER 19N	1410	FNL	2456	FWL	40.38809	-104.48008	2.3	4556	SENW
8	OCHSNER 22-19	2102	FNL	2126	FWL	40.38619	-104.48123	1.9	4555	SENW
9	BIJOU 24-19D U	2483	FNL	1343	FWL	40.38515	-104.48402	1.8	4556	SENW
10	BIJOU 19BDU	2480	FNL	1321	FWL	40.38516	-104.48410	1.6	4556	SENW
11	BIJOU 14-19D U	2477	FNL	1301	FWL	40.38517	-104.48418	2.4	4556	SWNW
12	OCHSNER 19A	1033	FNL	1451	FWL	40.38913	-104.48370	2.6	4559	NENW
14	ROTHE 1-24	661	FNL	656	FEL	40.39016	-104.49128	2.0	4563	NENE
15	ROTHE 8-24	1645	FNL	703	FEL	40.38746	-104.49141	2.1	4561	SENE
18	SLW 21-19	500	FNL	2106	FWL	40.39059	-104.48138	1.9	4558	NENW
20	ROTHE 2-24	600	FNL	1980	FEL	40.39034	-104.49613	N/A	4559	NWNE
21	JOHNSON 1	780	FNL	540	FWL	40.38988	-104.48708	N/A	4559	NWNW
22	JOHNSON 2	1850	FNL	530	FWL	40.38684	-104.48699	N/A	4559	SWNW
23	JOHNSON 3	660	FNL	1940	FWL	40.39036	-104.48225	N/A	4557	NENW
24	JOHNSON 4	1980	FNL	1940	FWL	40.38666	-104.48199	N/A	4555	SENW
25	FLACK 7-19	1980	FNL	1980	FEL	40.38659	-104.47706	N/A	4555	SWNE
29	CHRISTENSON 2-19	660	FNL	1980	FEL	40.39087	-104.47736	N/A	4546	NWNE

NOTE: THE ABANDONED WELL DATA SHOWN IN RED ABOVE WAS OBTAINED FROM COGCC SCOUT CARDS.

SHEET 2 OF 2

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