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Denver, Colorado 80202



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March 31, 2014

Colorado Oil and Gas Conservation Commission  
1120 Lincoln Street, Suite 801  
Denver, Colorado 80203

RE: **Proposed Wellbore Spacing Unit**  
Teakwood EF 33-229HN

Niobrara New Drill  
Township 6 North, Range 65 West, 6<sup>th</sup> P.M.  
Section 4  
Weld County, Colorado

Dear Director:

Great Western Operating Company, LLC is planning to drill the above captioned well in accordance with the provisions of COGCC Rule 318(l)e(2).

Great Western proposed wellbore spacing unit consists of:

- **E2SW Sec 33, 7N-65W & E2NW Sec 4, 6N-65W**

The 30 day notification time has passed and we have not received any objections to such well locations or proposed spacing unit, therefore Great Western hereby requests the Director to approve the above mentioned well. Great Western Operating Company, LLC respectfully requests that the COGCC review the enclosed map illustrating the proposed wellbore spacing unit.

Respectfully,

*Callie Fiddes*

Callie Fiddes  
Regulatory Technician  
Great Western Operating Company, LLC

T6N, R65W, 6th. P.M.

**GREAT WESTERN OIL & GAS COMPANY**

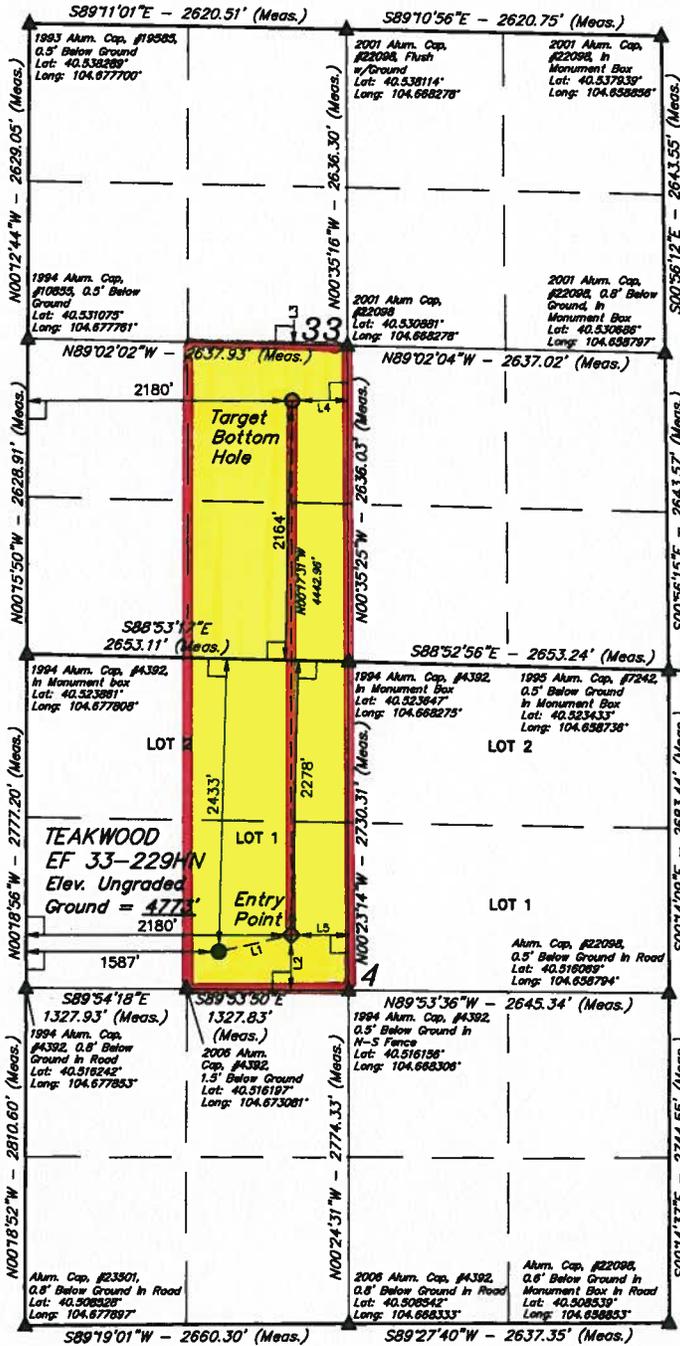
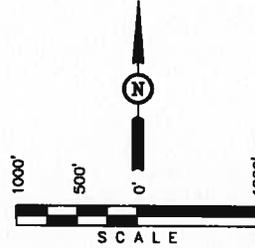
Well location, TEAKWOOD EF 33-229HN, located as shown in LOT 1 of Section 4, T6N, R65W, 6th. P.M., Weld County, Colorado.

**BASIS OF ELEVATION**

USGS COOPERATIVE BASE NETWORK CONTROL STATION, DESIGNATION "VERMILYEA". NGS DATA SHEET LISTS THE NAVD 88 ELEVATION AS BEING 5026 FEET.

**BASIS OF BEARINGS**

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



**LEGEND:**

- ◻ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ◇ = PROPOSED ENTRY POINT.
- = PROPOSED TARGET BOTTOM HOLE.
- ▲ = SECTION CORNERS LOCATED.

LINE TABLE		
LINE	DIRECTION	LENGTH
L1	N78°21'57"E	609.22'
L2	S00°08'10"W	460.00'
L3	N00°57'58"E	470.00'
L4	N89°24'38"E	460.00'
L5	N89°38'48"E	475.11'

**CERTIFICATE OF REGISTRATION**

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEY MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



REVISED: 03-28-14 J.W.  
 REVISED: 02-14-14 J.W.  
 REVISED: 02-12-14 J.W.

<b>UNTAH ENGINEERING &amp; LAND SURVEYING</b>			
85 SOUTH 200 EAST - VERNAL, UTAH 84078			
(435) 789-1017			
PDOP = 1.4	SCALE 1" = 1000'	DATE SURVEYED: 12-03-13	DATE DRAWN: 12-16-13
PARTY DALLAS NIELSEN G.W. H.K.W.		REFERENCES G.L.O. PLAT	
WEATHER COLD		FILE GREAT WESTERN OIL & GAS COMPANY	

MONUMENT	COORDINATES	MONUMENT	COORDINATES	MONUMENT	COORDINATES
NAD 83 (TARGET BOTTOM HOLE)	LATITUDE = 40°31'48.85" (40.529825) LONGITUDE = 104°40'11.75" (104.669931)	NAD 83 (ENTRY POINT)	LATITUDE = 40°31'02.78" (40.517433) LONGITUDE = 104°40'12.03" (104.670008)	NAD 83 (SECTION CORNER LOCATION)	LATITUDE = 40°31'01.40" (40.517056) LONGITUDE = 104°40'18.71" (104.672142)
NAD 83 (TARGET BOTTOM HOLE)	LATITUDE = 40°31'46.72" (40.529844) LONGITUDE = 104°40'09.85" (104.669411)	NAD 83 (ENTRY POINT)	LATITUDE = 40°31'02.83" (40.517483) LONGITUDE = 104°40'10.18" (104.669489)	NAD 83 (SECTION CORNER LOCATION)	LATITUDE = 40°31'01.40" (40.517076) LONGITUDE = 104°40'17.84" (104.671822)