

1700 Broadway  
Suite 650  
Denver, Colorado 80290



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Permitting Agent  
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February 28, 2013

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

RE: **30 Day Certification Letter**

**Raindance FD 19-14D (Surface: 184' FEL & 667' FNL) Sec. 30 (Bottom: 2623' FSL & 1244' FEL) Sec. 19**  
**Raindance FD 20-32D (Surface: 184' FEL & 622' FEL) Sec. 30 (Bottom 2619' FSL & 0' FWL) Sec. 20**

Niobrara/Codell New Drills  
Township 6 North, Range 67 West, 6<sup>th</sup> P.M.  
Section 30: NE¼NE¼  
Weld County, Colorado

Dear Director:

Great Western Oil and Gas Company, LLC hereby certifies to the Director that a thirty (30) day notice has been given by certified mail to all owners in the proposed wellbore spacing unit consisting of:

- N½SE¼ Sec. 19 and S½NE¼ Sec. 19 for **Raindance FD 19-14D**
- SE¼NE¼ Sec. 19, SW¼NW¼ Sec. 20, NE¼SE¼ Sec. 19, and NW¼SW¼ Sec. 20 for **Raindance FD 20-32D**

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 infill wells.

If you should have any questions or concerns regarding this permit, please contact the undersigned at 303-830-9893.

Respectfully,

  
Shannon Hartnett  
Permitting Agent  
Great Western Oil and Gas Company, LLC

T6N, R67W, 6th P.M.

GREAT WESTERN OIL & GAS COMPANY

R R  
68 67  
W W

S88°55'24"W - 4927.58' (Meas.)

2012 Alum. Cap.  
Found in Monument Box  
Lat: 40.479408°  
Long: 104.926422°

N00°29'40"W - 2639.77' (Meas.)

1998 Alum. Cap.  
Found in Range Box  
Lat: 40.472003°  
Long: 104.944131°

RAINDANCE FD #19-14D  
Target Bottom Hole

Private Alum. Cap  
PLS #22098  
Lat: 40.472142°  
Long: 104.930900°

NOTE:  
THE PROPOSED BOTTOM HOLE BEARS N18°15'10"W  
3439.12' FROM THE PROPOSED WELL HEAD WHICH  
IS LOCATED IN THE NE 1/4 NE 1/4 OF SECTION  
30, T6N, R67W, 6th P.M. AT 667' FNL 184' FEL

1998 Alum. Cap, 0.4'  
Below Ground, Found  
in Monument Box at  
Rd. Intersection  
Lat: 40.472189°  
Long: 104.926436°

S88°48'54"W  
1244.64' (Meas.)

1244'

N00°19'08"W - 2630.97' (Meas.)

N00°09'39"W - 2623.55' (Meas.)

N18°15'10"W  
3439.12'

1995, Alum. Cap,  
0.3' Below Ground,  
P.L.S. #22098  
Lat: 40.464942°  
Long: 104.935950°

1998, Alum. Cap,  
0.2' Below Ground,  
Found in Monument  
Box, L.S. #23513  
Lat: 40.464803°  
Long: 104.944131°

S88°41'13"W  
1251.78' (Meas.)

2011 Alum. Cap,  
0.2' High,  
Lat: 40.464942°  
Long: 104.935950°

S88°39'47"W  
1251.68' (Meas.)

WC 1987 Alum. Cap 0.3'  
Above Ground, Alum. Pipe  
Lat: 40.465067°  
Long: 104.926453°

25.00'

True  
Position

Surface  
Location

LEGEND:

- 90° SYMBOL
- PROPOSED WELL HEAD.
- SECTION CORNERS LOCATED.
- SECTION CORNERS RE-ESTABLISHED (Not Set on Ground.)

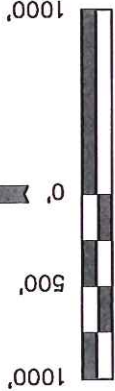
NAD 83 (TARGET BOTTOM HOLE)
LATITUDE = 40°28'19.71" (40.472142)
LONGITUDE = 104°55'51.27" (104.930908)
NAD 27 (TARGET BOTTOM HOLE)
LATITUDE = 40°28'19.77" (40.472158)
LONGITUDE = 104°55'49.36" (104.930378)

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.



SCALE

CERTIFICATE

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

REGISTERED LAND SURVEYOR  
REGISTRATION NO. 17592  
STATE OF COLORADO 98-19-12

REVISED: 10-19-12

UNTIAH ENGINEERING & LAND SURVEYING

85 SOUTH 200 EAST - VERNAL, UTAH 84078

(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 09-28-12	DATE DRAWN: 10-02-12
PARTY L.S. G.W. J.W.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE GREAT WESTERN OIL & GAS COMPANY	