

1700 Broadway  
Suite 650  
Denver, Colorado 80290



Shannon Hartnett  
Permitting Agent  
Tel: 303.830.9893  
E-mail: shartnett@gwogco.com

December 28, 2012

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

RE: **30 Day Certification Letter – Rule 318(I)Ae**  
**Stroh HD 22-13D (Surface 1538' FNL and 1296' FWL) Sec. 22 (Bottom 2620' FNL and 2625 FWL) Sec. 22**  
**Stroh HD 22-32D (Surface 1523' FNL and 1296' FWL) Sec. 22 (Bottom 2633' FNL and 0' FWL) Sec. 22**  
Niobrara/Codell New Drills  
Township 4 North, Range 67 West, 6<sup>th</sup> P.M.  
Section 22: SW/4NW/4  
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:

- SW/4NE/4, SE/4NW/4, NW/4SE/4 and NE/4SW/4 of Section 22 for the **Stroh HD 22-13D**
- SW/4NW/4, NW/4SW/4, of Section 22 and SE/4NE/4, NE/4SE/4 of Section 21 for the **Stroh HD 22-32D**

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

PROPOSED WELLBORE SPACING UNIT

T4N, R67W, 6th. P.M.

GREAT WESTERN OIL & GAS COMPANY

Well location, STROH HD #22-13D, located as shown in the SW 1/4 NW 1/4 of Section 22, T4N, R67W, 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.

NOTE:  
SEE APPENDUM TO LEGAL PLAT FOR EXISTING IMPROVEMENTS WITHIN 400' OF THE PROPOSED DISTURBANCE.

Priv. Alum. Cap  
0.6' Below Ground  
PLS 24302  
Lat: 40.297778°  
Long: 104.867517°



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. 17492  
STATE OF COLORADO  
98-08-12

REV: 10-08-12

UNTIAH ENGINEERING & LAND SURVEYING

85 SOUTH 200 EAST - VERNAL, UTAH 84078

(435) 789-1017

SCALE	DATE SURVEYED:	DATE DRAWN:
1" = 1000'	09-26-12	09-28-12
PARTY	REFERENCES	
B.L. D.W. H.K.W.	G.L.O. PLAT	
WEATHER	FILE	
WARM	GREAT WESTERN OIL & GAS COMPANY	

Priv. Alum. Cap  
0.7' Below Ground  
LS 34995  
Lat: 40.305399°  
Long: 104.866403°  
S88°39'30"E - 2616.84' (Meas.)

Priv. Alum. Cap  
1.0' Below Ground  
LS 4392  
Lat: 40.304944°  
Long: 104.867650°

1316.34' (Meas.)  
1311.12' (Meas.)  
S88°39'48"E - 2617.19' (Meas.)

1296'  
1311.16' (Meas.)  
N88°46'36"W  
2621.55' (Meas.)

1311.16' (Meas.)  
N88°53'27"W  
2626.15' (Meas.)

1316.29' (Meas.)  
N88°53'33"W  
2626.24' (Meas.)

1316.29' (Meas.)  
N89°07'06"W - 2635.76' (Meas.)

1316.29' (Meas.)  
N89°07'22"W - 2635.66' (Meas.)

1316.29' (Meas.)  
N89°07'22"W - 2635.66' (Meas.)

1316.29' (Meas.)  
N89°07'22"W - 2635.66' (Meas.)

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1316.29' (Meas.)  
N89°07'22"W - 2635.66' (Meas.)

1316.29' (Meas.)  
N89°07'22"W - 2635.66' (Meas.)

STROH HD  
#22-13D  
Elev. Ungraded  
Ground = 4868'

Target Bottom  
Hole  
2620' FNL  
2625' FWL

Target Bottom  
Hole  
2620' FNL  
2625' FWL

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2625' FWL

Target Bottom  
Hole  
2620' FNL  
2625' FWL

LEGEND:

- └─ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

NAD 83 (TARGET BOTTOM HOLE)	NAD 83 (SURFACE LOCATION)
LATITUDE = 40°17'52.70" (40.297972)	LATITUDE = 40°18'03.80" (40.301056)
LONGITUDE = 104°52'36.93" (104.876925)	LONGITUDE = 104°52'54.18" (104.881717)
NAD 27 (TARGET BOTTOM HOLE)	NAD 27 (SURFACE LOCATION)
LATITUDE = 40°17'52.76" (40.297989)	LATITUDE = 40°18'03.86" (40.301072)
LONGITUDE = 104°52'35.03" (104.876397)	LONGITUDE = 104°52'52.28" (104.881189)

PDOP = 1.3

PROPOSED WELLBORE SPACING UNIT

T4N, R67W, 6th. P.M.

GREAT WESTERN OIL & GAS COMPANY

Well location, STROH HD #22-32D, located as shown in the SW 1/4 NW 1/4 of Section 22, T4N, R67W, 6th. P.M., Weld County, Colorado.

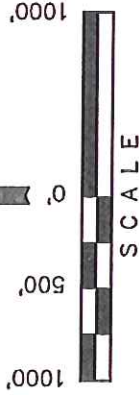
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BASIS OF BEARINGS

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NOTE:  
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*[Signature]*  
REGISTERED LAND SURVEYOR  
STATE OF COLORADO  
No. 1342

REV: 11-13-12  
REV: 10-05-12

UINTAH ENGINEERING & LAND SURVEYING

85 SOUTH 200 EAST - VERNAL, UTAH 84078

(435) 789-1017

SCALE	1" = 1000'	DATE SURVEYED:	09-26-12	DATE DRAWN:	09-28-12
PARTY	B.L. D.W. H.K.W.	REFERENCES	G.L.O. PLAT		
WEATHER	WARM	FILE	GREAT WESTERN OIL & GAS COMPANY		
PDOP = 1.3		NAD 83 (TARGET BOTTOM HOLE)	NAD 83 (SURFACE LOCATION)		
		LATITUDE = 40°17'53.40" (40.298167)	LATITUDE = 40°18'03.95" (40.301097)		
		LONGITUDE = 104°53'10.80" (104.886333)	LONGITUDE = 104°52'54.17" (104.881714)		
		NAD 27 (TARGET BOTTOM HOLE)	NAD 27 (SURFACE LOCATION)		
		LATITUDE = 40°17'53.46" (40.298183)	LATITUDE = 40°18'04.01" (40.301174)		
		LONGITUDE = 104°53'08.89" (104.885803)	LONGITUDE = 104°52'52.27" (104.881186)		

LEGEND:

- └ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

