

T7S, R92W, 6th P.M.

ENCANA OIL & GAS (USA) INC

1947 B.L.M.
Brass Cap
Reference
Marker

N89°09'58"E 1663.33' (Meas.)
N89°54'E - 65.02 (G.L.O.)
N89°09'58"E - 2659.19' (Meas.)

Corner
Proportioned
(Not Set)

Set
Stone

N0°30'W - 78.55 (G.L.O.)
N00°40'55"W - 5181.43' (Meas.)

Lot 1

**WELL LOCATION:
SHIDELER FEE 31-16A (O31E)**

ELEV. UNGRADED GROUND = 7104.0'

31

N00°21'53"E - 5199.18' (Meas.)
NORTH (G.L.O.)

Lot 2

Bottom
of Hole

Top
of Hole

N70°47'05"E 1642.59'

1888'

438'

959'

340'

Set
Stone

1933
Brass Cap

Set
Stone

S89°37'09"W 1588.30' (Meas.)
S89°15'15"W - 2639.25' (Meas.)
S89°22'W - 40.11 (G.L.O.)
S89°42'W - 24.06 (G.L.O.)

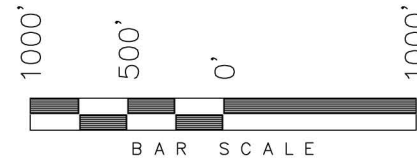
◆ = SECTION CORNERS LOCATED

Basis of elevation is the Rifle 2 Triangulation Station. 39°31'53.80" N Lat. & 107°47'07.78" W Long. (NAD 83). Elevation = 5323.1' (NAVD88).

NAD 83 (SURFACE LOCATION)	
LATITUDE	= 39°23'49.18" (39.396993°)
LONGITUDE	= 107°42'20.30" (107.705640°)
NAD 83 (BOTTOM HOLE LOCATION)	
LATITUDE	= 39°23'54.50" (39.398473°)
LONGITUDE	= 107°42'00.54" (107.700151°)

WELL LOCATION, SHIDELER FEE 31-16A (O31E), LOCATED AS SHOWN IN THE SW 1/4 SE 1/4 OF SECTION 31, T7S, R92W, 6th P.M. GARFIELD COUNTY, COLORADO.

TARGET BOTTOM HOLE, SHIDELER FEE 31-16A (O31E), LOCATED AS SHOWN IN THE SE 1/4 SE 1/4 OF SECTION 31, T7S, R92W, 6th P.M. GARFIELD COUNTY, COLORADO.



NOTES:

1. Well footages are measured at right angles to the Section Lines.
2. Bearings are based on Global Positioning Satellite observations.
3. G.P.S. Operator: C.D. Slauch, (PDOP) = 2.9

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION. THE LOCATION HAS BEEN STAKED ON THE GROUND AS SHOWN ON THE PLAT, AND THAT THE SAID CORNERS ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Steve L. Slauch
REGISTERED LAND SURVEYOR
REGISTRATION NO. 30125
STATE OF COLORADO
30125

TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

DATE SURVEYED: 11-13-10	SURVEYED BY: C.D.S	SHEET 3 OF 37
DATE DRAWN: 11-16-11	DRAWN BY: M.W.	
REVISED: 09-17-12 M.W.	SCALE: 1" = 1000'	