

DALEY LAND SURVEYING, INC.

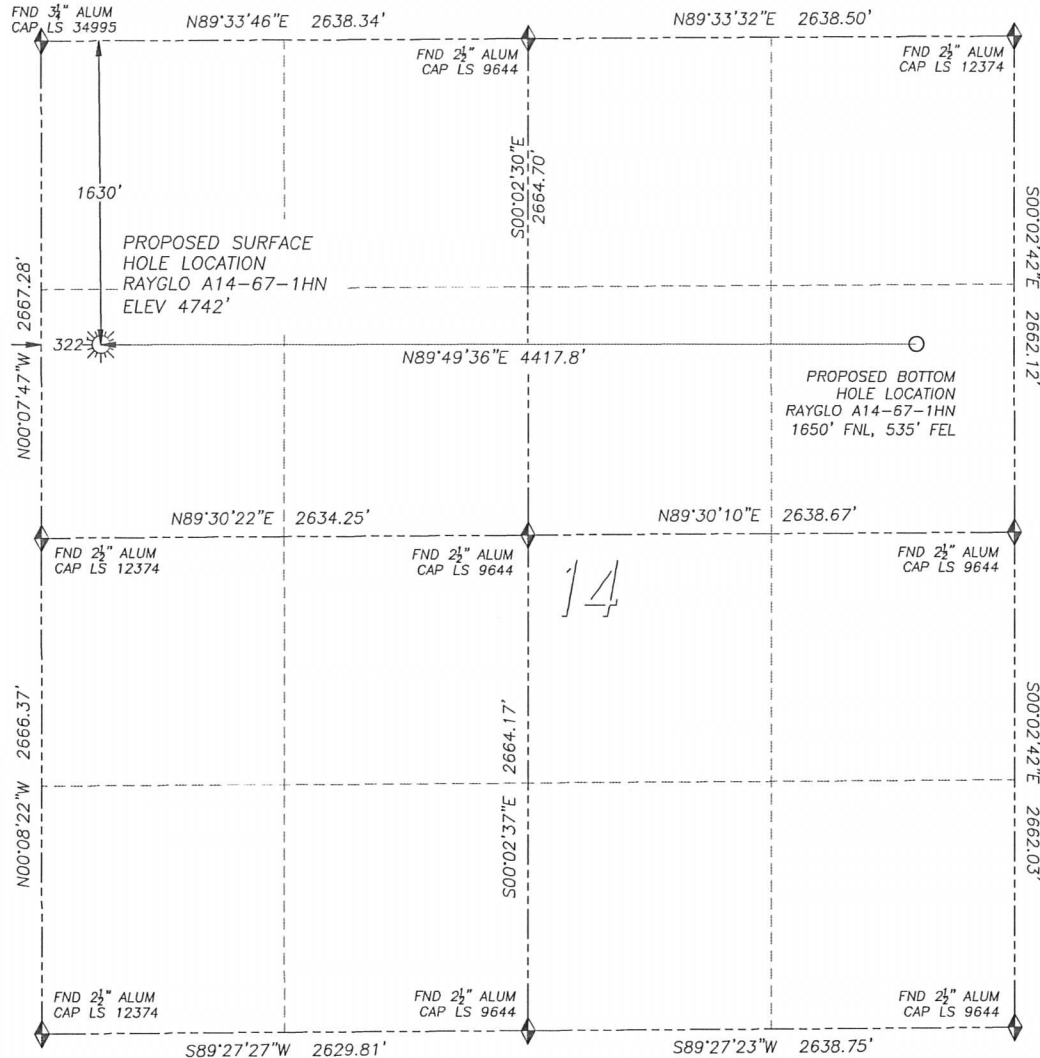
PARKER, CO. 80134

303 953 9841

# WELL LOCATION CERTIFICATE

## RAYGLO A14-67-1HN

SECTION 14, TOWNSHIP 6 NORTH, RANGE 64 WEST OF THE 6TH PRINCIPAL MERIDIAN



0 500 1000  
SCALE: 1" = 1000'

**LEGEND**

- ◆ FOUND MONUMENT AS DESCRIBED
- ☀ PROPOSED WELL
- EXISTING WELL
- ⊙ BOTTOM HOLE
- ⊘ ABANDONED WELL

**NAD 83 LATITUDE AND LONGITUDE**

RAYGLO A14-67-1HN SURFACE HOLE:

LATITUDE: N40.48896°

LONGITUDE: W104.52563°

ELEVATION: 4742'

FOOTAGE: 1630' FNL, 322' FWL

PDOP: 1.8

QTR/QTR: SW4/NW4

PROP LINE: 292'± WEST

**BOTTOM HOLE:**

LATITUDE: N40.48900°

LONGITUDE: W104.50975°

FOOTAGE: 1650' FNL, 535' FEL

**NEAREST EXISTING WELL:**

MCDANIEL 42-15 SURFACE HOLE

LATITUDE: N40.48798°

LONGITUDE: W104.52910°

ELEVATION: 4753'

1028' SOUTHWEST

IN ACCORDANCE WITH A REQUEST FROM SCOTT LEWIS OF NOBLE ENERGY INC., DALEY LAND SURVEYING, INC. HAS DETERMINED THE SURFACE LOCATION OF THE RAYGLO A14-67-1HN WELL TO BE 1630' FNL, 322' FWL, AS MEASURED AT NINETY (90) DEGREES FROM THE SECTION LINES OF SECTION 14, TOWNSHIP 6 NORTH, RANGE 64 WEST OF THE 6TH PRINCIPAL MERIDIAN, WELD COUNTY, COLORADO. THE BOTTOM HOLE LOCATION, PROVIDED BY THE CLIENT, IS TO BE 1650' FNL, 535' FEL.

I HEREBY CERTIFY THAT THIS WELL LOCATION CERTIFICATE WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION, THAT THE WORK WAS COMPLETED ON 6/20/2011 FOR AND ON BEHALF OF NOBLE ENERGY, INC., AND THAT THIS MAP DOES NOT REPRESENT A BOUNDARY SURVEY, IT IS NOT A LAND SURVEY PLAT OR AN IMPROVEMENT SURVEY PLAT AND IT IS NOT TO BE RELIED UPON FOR THE ESTABLISHMENT OF FENCE, BUILDING OR OTHER FUTURE IMPROVEMENT LINES.

**NOTES:**

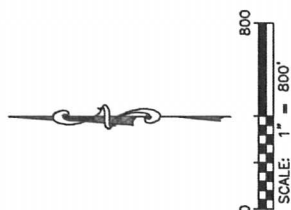
- 1) BEARINGS FOR THIS MAP ARE ASSUMED AND BASED UPON GPS OBSERVATIONS MADE BETWEEN MONUMENTS LOCATED AT THE NORTHWEST CORNER AND WEST QUARTER CORNER OF SECTION 14, T.6N., R.64W.
- 2) HORIZONTAL DATUM IS NAD83.
- 3) VERTICAL DATUM IS NAVD88. ELEVATIONS ARE DERIVED FROM GPS OBSERVATIONS PROCESSED THROUGH OPUS, UTILIZING THE GEOID03 MODEL.
- 4) SEE LOCATION DRAWING FOR VISIBLE IMPROVEMENTS WITHIN 600' OF PROPOSED SURFACE HOLE LOCATION.
- 5) SURFACE USE: PASTURE.






NOTICE: According to Colorado law you MUST commence any legal action based upon any defect in this W.L.C. within three years after you first discover such defect. In no event may any action based upon any such defect in this W.L.C. be commenced more than ten years from the date of the certification shown herein.

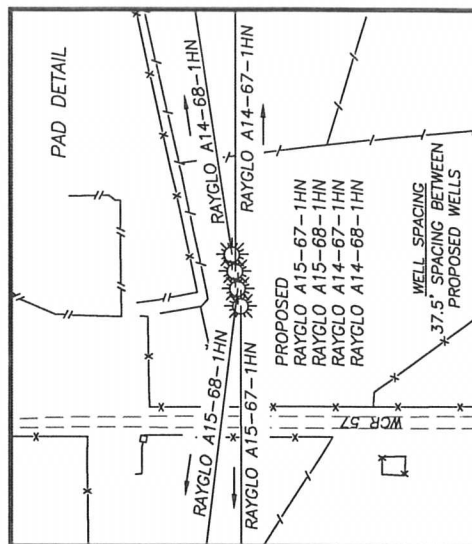


FOR AND ON BEHALF OF  
DALEY LAND SURVEYING INC.,  
Robert Daley, PLS 35597

SITE SKETCH - RAYGLO A14-67-1HN

[illegible]

- LEGEND**
- |   |                                |
|---|--------------------------------|
|  | FOUND MONUMENT<br>AS DESCRIBED |
|  | PROPOSED WELL                  |
|  | EXISTING WELL                  |
|  | BOTTOM HOLE                    |
|  | ABANDONED WELL                 |



- ① RAY-GLO 4  
SE/NW SEC. 14  
2037' FNL. 1991' FWL  
LAT. N40.48788'  
LONG. W104.51963'  
EL: 4710'  
PDOP 1.4

② RAY-GLO 1  
SE/NW SEC. 14  
655' FNL. 1850' FWL  
LAT. N40.49167'  
LONG. W104.52015'  
EL: 4711'  
PDOP 1.6

③ MCKENNEY 14-12  
NW/NE SEC. 14  
471' FNL. 2170' FWL  
LAT. N40.49220'  
LONG. W104.51563'  
EL: 4690'  
PDOP 1.7

④ MCKENNEY 14-13  
SW/NE SEC. 14  
1946' FNL. 2126' FEL  
LAT. N40.48815'  
LONG. W104.51547'  
EL: 4694'  
PDOP 2.1

⑤ MCKENNEY 14-14  
SE/NE SEC. 14  
1988' FNL. 622' FEL  
LAT. N40.48807'  
LONG. W104.51007'  
EL: 4682'  
PDOP 1.8

⑥ MCKENNEY 14-11  
NE/NE SEC. 14  
731' FNL. 653' FEL  
LAT. N40.49152'  
LONG. W104.51018'  
EL: 4677'  
PDOP 1.6

NOTES:

- 1) THIS DOES NOT REPRESENT A BOUNDARY SURVEY
- 2) THE LATITUDES AND LONGITUDES SHOWN ARE REFERENCED TO NAD83
- 3) DATUM FOR ELEVATION IS NAVD88. ELEVATIONS ARE DERIVED FROM GPS-RTK OBSERVATIONS PROCESSED THROUGH OPUS, UTILIZING THE GEIOD03 MODEL.