

OKLAHOMA CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION  
P.O. BOX 52000  
OKLAHOMA CITY, OK 73152-2000  
(Rule 165:10-3-1)

API NUMBER: 087 21844 B

Approval Date: 05/11/2018

Expiration Date: 11/11/2018

Horizontal Hole Oil & Gas

PERMIT TO DEEPEN

WELL LOCATION: Sec: 14 Twp: 5N Rge: 4W

County: MCCLAIN

SPOT LOCATION:

FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 500 550

Lease Name: CHAMPLIN

Well No: 2-14

Well will be 500 feet from nearest unit or lease boundary.

Operator  
Name: ELDER CRAIG OIL AND GAS LLC

Telephone: 4057497860

OTC/OCC Number: 20621 0

ELDER CRAIG OIL AND GAS LLC  
PO BOX 7267  
EDMOND, OK 73013-9791

ROGELIO GARCIA  
218 WESTSIDE DR.  
NORMAN OK 73069

Formation(s) (Permit Valid for Listed Formations Only):

Name	Depth	Name	Depth
1 VIOLA	10971	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 550557

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201802677

Special Orders:

Total Depth: 12862

Ground Elevation: 1152

Surface Casing: 323 IP

Depth to base of Treatable Water-Bearing FM: 190

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

PIT 1 INFORMATION

Approved Method for disposal of Drilling Fluids:

Type of Pit System: ON SITE

A. Evaporation/dewater and backfilling of reserve pit.

Type of Mud System: WATER BASED

Chlorides Max: 5000 Average: 2000

Is depth to top of ground water greater than 10ft below base of pit? Y

Within 1 mile of municipal water well? N

Wellhead Protection Area? N

Pit is located in a Hydrologically Sensitive Area.

Category of Pit: 2

Liner not required for Category: 2

Pit Location is BED AQUIFER

Pit Location Formation: DUNCAN

E. Haul to Commercial pit facility: Sec. 16 Twn. 5N Rng. 2W Cnty. 87 Order No: 409163

This permit does not address the right of entry or settlement of surface damages.

The duration of this permit is SIX MONTHS, except as otherwise provided by Rule 165: 10-3-1.

Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.

# HORIZONTAL HOLE 1

Sec 14 Twp 5N Rge 4W County MCCLAIN

Spot Location of End Point: NE SW NE NE

Feet From: NORTH 1/4 Section Line: 670

Feet From: EAST 1/4 Section Line: 670

Depth of Deviation: 10630

Radius of Turn: 900

Direction: 355

Total Length: 818

Measured Total Depth: 12862

True Vertical Depth: 11190

End Point Location from Lease,  
Unit, or Property Line: 670

## Notes:

### Category

### Description

BOTTOM-HOLE LOCATION

5/10/2018 - G75 - 670' FNL, 670' FEL NE4 14-5N-4W PER STAKING PLAT

HYDRAULIC FRACTURING

4/27/2018 - G71 - OCC 165:10-3-10 REQUIRES:

1) PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN 1/2 MILE;

2) WITH NOTICE ALSO GIVEN 48 HOURS IN ADVANCE OF HYDRAULIC FRACTURING ALL WELLS TO BOTH THE OCC CENTRAL OFFICE AND LOCAL DISTRICT OFFICES, USING THE "FRAC NOTICE FORM" FOUND AT THE FOLLOWING LINK: [OCCEWEB.COM/OG/OGFORMS.HTML](http://OCCEWEB.COM/OG/OGFORMS.HTML); AND,

3) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS TO BE REPORTED TO FRACFOCUS WITHIN 60 DAYS AFTER THE CONCLUSION THE HYDRAULIC FRACTURING OPERATIONS, USING THE FOLLOWING LINK: [FRACFOCUS.ORG](http://FRACFOCUS.ORG)

PENDING CD - 201802677

5/10/2018 - G75 - (I.O.) NE4 14-5N-4W

X550557 VIOL

SHL NCT 450 FSL, NCT 500' FEL

COMPL. INT. NCT 330' FNL, NCT 330' FEL

NO OP. NAMED

REC 5-1-2018 (NORRIS)

SPACING - 550557

5/10/2018 - G75 - (160/80) NE4 14-5N-4W

VAC OTHERS

EXT (80) OTHERS

EST (80) OTHERS

EST (160) OTHERS

EXT (160) 424322 VIOL, OTHERS

SURFACE LOCATION

5/10/2018 - G75 - 500' FSL, 550' FEL NE4 14-5N-4W PER STAKING PLAT

This permit does not address the right of entry or settlement of surface damages.

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Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.

087 21844 CHAMPLIN 2-14

# TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

13800 WIRELESS WAY, OKLA. CITY, OKLA. 73134 \* LOCAL (405) 843-4847 \* OUT OF STATE (800) 654-3219  
Certificate of Authorization No. 1293 LS

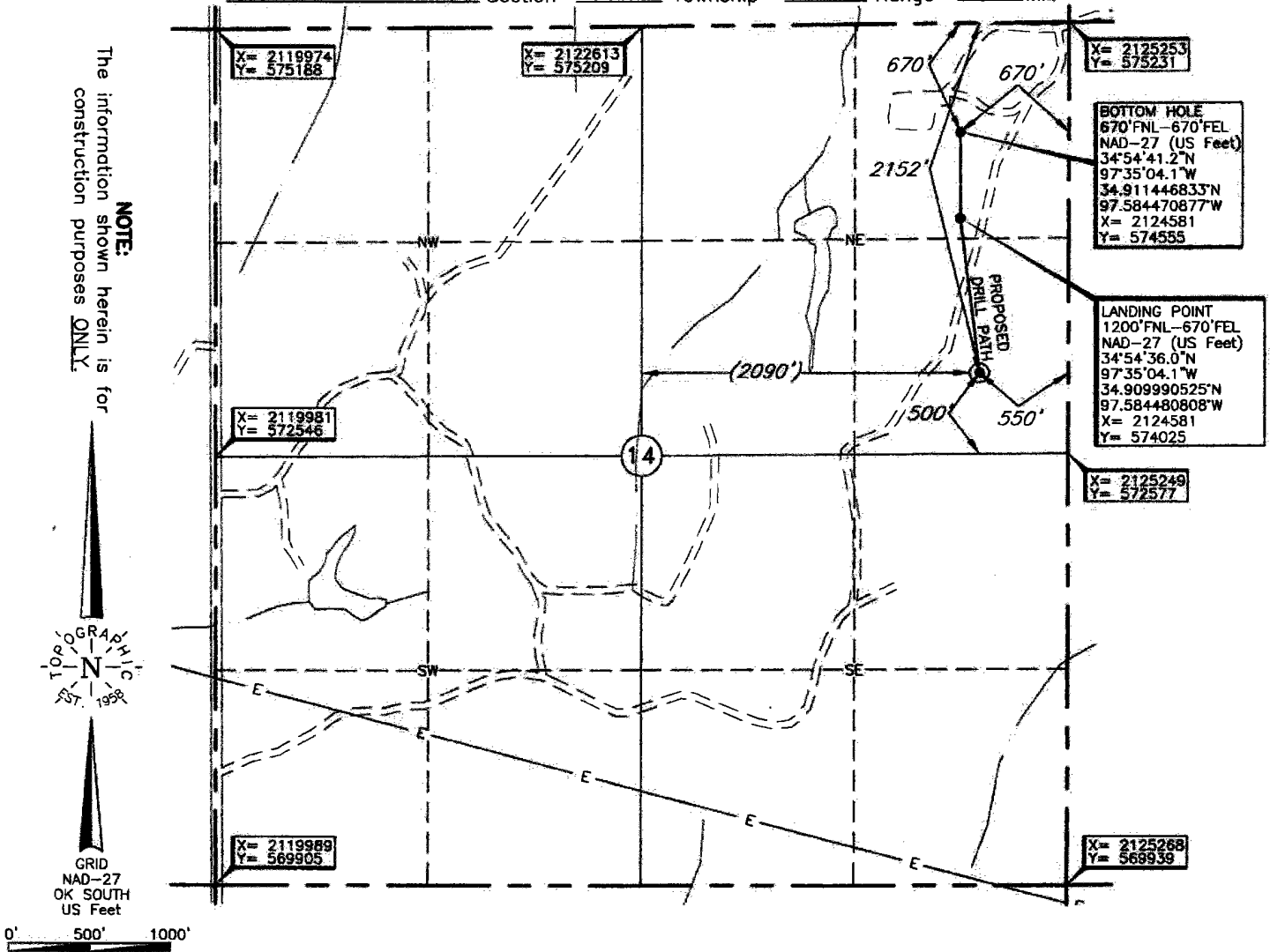
API 087-21844 B

MCCLAIN

County, Oklahoma

500'FSL-550'FEL-NE/4 Section 14 Township 5N Range 4W I.M.

NOTE:  
The information shown herein is for  
construction purposes ONLY.



LANDING POINT, BOTTOM HOLE, AND DRILL PATH INFORMATION  
PROVIDED BY OPERATOR LISTED, NOT SURVEYED.

Distances shown in (parenthesis) are calculated based  
upon the Quarter Section being 2640 feet, those shown  
in [brackets] are based on GLO (General Land Office)  
distances and have NOT been measured on the ground.

Operator: CRAIG ELDER OIL & GAS, LLC

Lease Name: CHAMPLIN

Well No.: 2-14

ELEVATION:

1152' Gr. at Stake

Topography & Vegetation Loc. fell in sloping brushy pasture

Good Drill Site? Yes

Reference Stakes or Alternate Location  
Stakes Set None

Best Accessibility to Location From East off lease road

Distance & Direction From Jct. St. Hwy. 59 and St. Hwy. 59 B, West of Payne, OK, go ±0.5 mi. North  
on St. Hwy. 59, then ±1.0 mi. West on lease road to the NE Cor. of Sec. 14-T5N-R4W

DATUM: NAD-27  
LAT: 34°54'26.6\"N  
LONG: 97°35'02.8\"W  
LAT: 34.907375092\"N  
LONG: 97.574098429\"W  
STATE PLANE  
COORDINATES: (US Feet)  
ZONE: OK SOUTH  
X: 2124699  
Y: 573074

Invoice # 292364 Date of Drawing: Apr. 18, 2018  
Date Staked: Jan. 25, 2010

TR  
AC

## CERTIFICATE:

I, Thomas L. Howell an Oklahoma Licensed Land  
Surveyor and an authorized agent of Topographic Land  
Surveyors of Oklahoma, do hereby certify to the  
information shown herein

Thomas L. Howell  
Oklahoma Lic. No. 1433

