

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

API NUMBER: 087 21995

Approval Date: 04/28/2014

Expiration Date: 10/28/2014

Straight Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 11 Twp: 5N Rge: 4W

County: MCCLAIN

SPOT LOCATION:

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 2310 890

Lease Name: NORTH PANTHER CREEK

Well No: 2-11

Well will be 330 feet from nearest unit or lease boundary.

Operator Name: ELDER CRAIG OIL AND GAS LLC

Telephone: 4059177860

OTC/OCC Number: 20621 0

ELDER CRAIG OIL AND GAS LLC
PO BOX 7267
EDMOND, OK 73083

COYOTE LAND & CATTLE, LLC
8383 SOUTH PENNSYLVANIA AVENUE
OKLAHOMA CITY OK 73159

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

	Name	Depth		Name	Depth
1	HART (4TH DEESE)	9172	6	2ND BROMIDE	12092
2	OSBORN (5 DEESE)	9672	7		
3	HUNTON	10746	8		
4	VIOLA	11261	9		
5	1ST BROMIDE	11892	10		

Spacing Orders: 573431

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201402799

Special Orders:

Total Depth: 12150

Ground Elevation: 1065

Surface Casing: 200

Depth to base of Treatable Water-Bearing FM: 150

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

PIT 1 INFORMATION

Type of Pit System: ON SITE

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: BISON

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

D. One time land application -- (REQUIRES PERMIT)

PERMIT NO: 14-27055

Notes:

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.

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Category	Description
FRAC FOCUS	4/25/2014 - G71 - THE REQUIREMENT FOR CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS WILL BE EXTENDED TO INCLUDE ALL NON-HORIZONTAL WELLS FOR HYDRAULIC FRACTURING OPERATIONS BEGINNING JANUARY 1, 2014. REFER TO OCC RULE 165:10-3-10 FOR COMPLIANCE REQUIREMENTS. PLEASE REPORT DIRECTLY TO FRACFOCUS USING THE FOLLOWING LINK HTTP://FRACFOCUS.ORG/ OR FOR OCC ASSISTANCE CONTACT DENNIS NISKERN AT 405-522-2977 OR D.NISKERN@OCCEMAIL.COM
PENDING CD - 201402799	4/28/2014 - G75 - (E.O.) NE4 11-5N-4W X573431 HTDS4, OSBD5, HNTN, VIOL, BRMD1, BRMD2, OTHERS NCT 330 FNL, NCT 330 FEL OR FWL CRAIG ELDER OIL & GAS, L.L.C. REC 4-21-2014 (DECKER)
SPACING - 573431	4/28/2014 - G75 - (160) NE4 11-5N-4W VAC 214696 HART NE4 VAC 250713 OSBR, CMYHH, BDRC, VIOL, OTHERS NE4 VAC 252026 BMDD, BRMD1, BRMMS NE4 EXT 557228 HNTN, VIOL, BRMD1, BRMD2, OTHERS EXT 569457 HTDS4, OSBD5
WATERSHED STRUCTURE	4/25/2014 - G71 - WELL WITHIN 1/2 MILE OF AN OKLAHOMA CONSERVATION COMMISSION WATERSHED STRUCTURE. CONTACT THE LOCAL CONSERVATION DISTRICT OFFICE AT (405) 527-3452 PRIOR TO DRILLING

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