

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

API NUMBER: 051 24535 A

Approval Date: 12/20/2018
Expiration Date: 06/20/2020

Horizontal Hole Oil & Gas

Amend reason: NAME, LOCATION, & TARGET FORMATION CHANGE

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 01 Twp: 8N Rge: 5W County: GRADY
SPOT LOCATION: NW NW NE NW FEET FROM QUARTER: FROM NORTH FROM WEST
SECTION LINES: 250 1570

Lease Name: JAMES GARNER 0905 36-25 Well No: 1MH Well will be 250 feet from nearest unit or lease boundary.

Operator Name: CAMINO NATURAL RESOURCES LLC Telephone: 7204052706 OTC/OCC Number: 24097 0

CAMINO NATURAL RESOURCES LLC
1401 17TH ST STE 1000
DENVER, CO 80202-1247

BROWN FAMILY
2484 COUNTY ROAD 1278
BLANCHARD OK 73010

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	9523	6	
2	WOODFORD	9763	7	
3			8	
4			9	
5			10	

Spacing Orders: 684207
684004

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201806878
201806879

Special Orders:

Total Depth: 20105 Ground Elevation: 1245 **Surface Casing: 1500** Depth to base of Treatable Water-Bearing FM: 440

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

PIT 1 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: WATER BASED

Chlorides Max: 5000 Average: 3000

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: C

Liner not required for Category: C

Pit Location is BED AQUIFER

Pit Location Formation: DUNCAN

Approved Method for disposal of Drilling Fluids:

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

PERMIT NO: 18-35766

H. SEE MEMO

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.

PIT 2 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: OIL BASED

Chlorides Max: 300000 Average: 200000

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: C

Liner not required for Category: C

Pit Location is BED AQUIFER

Pit Location Formation: DUNCAN

HORIZONTAL HOLE 1

Sec 25 Twp 9N Rge 5W County GRADY

Spot Location of End Point: N2 NW NE NW

Feet From: NORTH 1/4 Section Line: 50

Feet From: WEST 1/4 Section Line: 1650

Depth of Deviation: 9016

Radius of Turn: 477

Direction: 359

Total Length: 10340

Measured Total Depth: 20105

True Vertical Depth: 9780

End Point Location from Lease,
Unit, or Property Line: 50

Notes:

Category

Description

DEEP SURFACE CASING

11/2/2018 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING

HYDRAULIC FRACTURING

11/2/2018 - 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; 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

MEMO

11/2/2018 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS (REQUIRED - BRIDGE CREEK), PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

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.

051 24535 JAMES GARNER 0905 36-25 1MH

Category	Description
PENDING CD - 201806878	12/20/2018 - G58 - (I.O.) 25 & 36-9N-5W EST MULTIUNIT HORIZONTAL WELL X684207 WDFD, MSSP, OTHER X684004 WDFD, MSSP, OTHER (WDFD IS ADJACENT CSS TO MSSP) 50% 25-9N-5W 50% 36-9N-5W NO OP. NAMED REC 9/17/2018 (P. PORTER)
PENDING CD - 201806879	12/20/2018 - G58 - (I.O.) 25 & 36-9N-5W X684207 WDFD, MSSP, OTHER X684004 WDFD, MSSP, OTHER COMPL. INT. (36-9N-5W) NCT 165' FSL, NCT 0' FNL, NCT 330' FWL COMPL. INT. (25-9N-5W) NCT 0' FSL, NCT 165' FNL, NCT 330' FWL NO OP. NAMED REC 9/17/2018 (P. PORTER)
SPACING - 684004	12/20/2018 - G58 - (640)(HOR) 36-9N-5W VAC 163211/163907 MSSP EST WDFD, MSSP, OTHER COMPL. INT. (WDFD) NLT 165' FNL & FSL, NLT 330' FEL & FWL COMPL. INT. (MSSP) NLT 660' FB
SPACING - 684207	12/20/2018 - G58 - (640)(HOR) 25-9N-5W EXT 664083 MSSP, WDFD, OTHER COMPL. INT. (WDFD) NLT 165' FNL & FSL, NLT 330' FEL & FWL COMPL. INT. (MSSP) NLT 660' FB

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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.

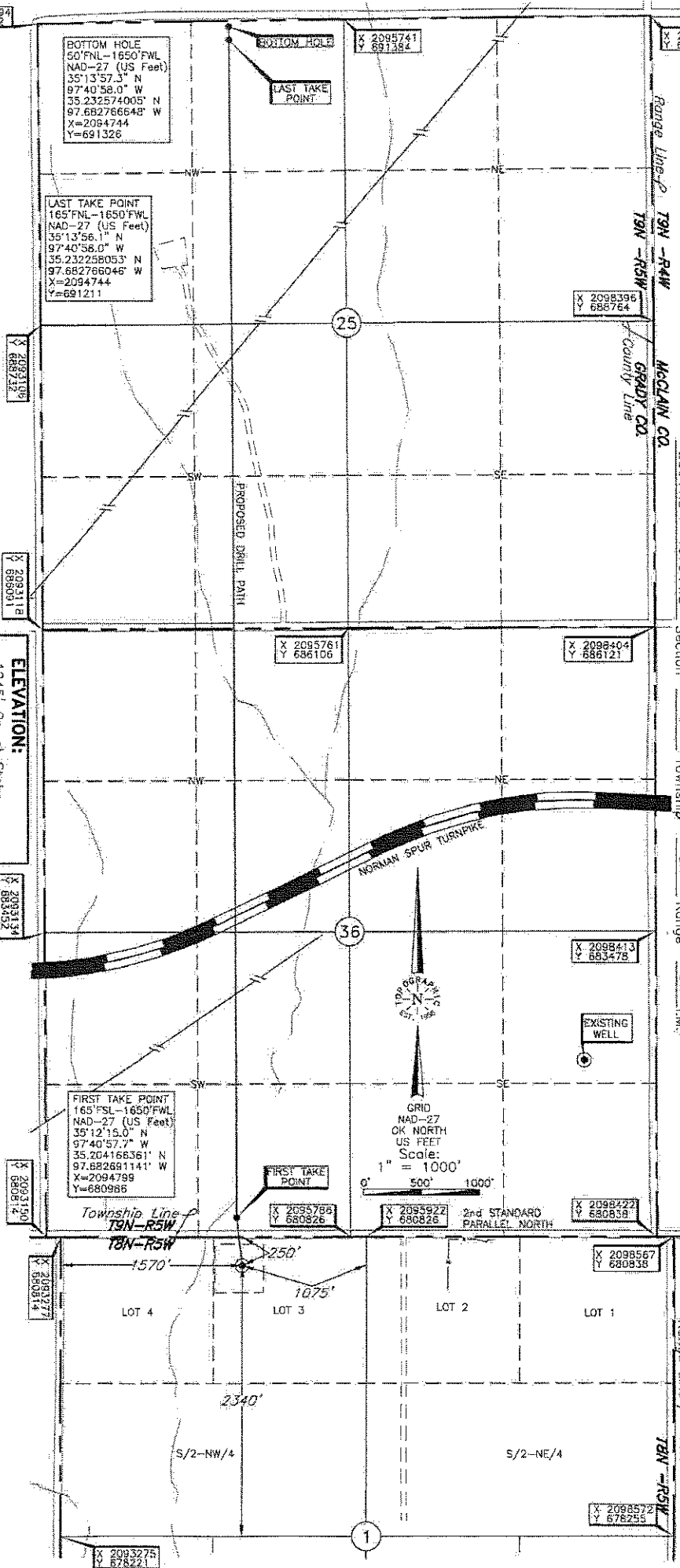
051-24535A

TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

FIRST TAKE POINT, LAST POINT, BOTTOM HOLE AND DRILL PATH INFORMATION PROVIDED BY OPERATOR LISTED, NOT SURVEYOR.

13800 Wilshire Way, Okla. City, OK 73134 (405) 843-4847 • OUT OF STATE (800) 854-3219
 GRADY Certificate of Authorization No. 1293 LS
 County, Oklahoma Range 3N Township 1S

THE INFORMATION SHOWN HEREIN IS FOR CONSULTATION PURPOSES ONLY.



ELEVATION:
 1245' gr. at Stake

Operator: CAMINO NATURAL RESOURCES, LLC
 Lease Name: JAMES GARNER 0905
 Well No.: 36-25 1MH
 Topography & Vegetation Loc. fall in pasture with trees
 Reference Stakes or Alternate Location
 Good Drill Site? Yes
 Best Accessibility to Location From North off county road
 Distance & Direction from Hwy Jct or Town From Jct. St. Hwy. 4 and St. Hwy. 37, go E 1.0 mi. East, then +6.2 mi. South, then +2.0 mi. East to the NE Cor. of Sec. 1-T9N-R5W

Datum: NAD-27
 LAT: 35°12'10.9"N
 LONG: 97°40'57.1"W
 LAT: 35°20'30.26502"N
 LONG: 97°68'25.54882"W
 STATE PLANE
 COORDINATES: (US Feet)
 ZONE: OK, SOUTH
 X: 20949847
 Y: 680571

This information was gathered with a GPS receiver with ±1 foot Horiz./Vert. accuracy.

Revision A Date of Drawing: Jan. 17, 2019
 Invoice # 307954 Date Staked: Dec. 03, 2018 AC

CERTIFICATE:
 Thomas L. Howell
 Licensed Land Surveyor and an authorized agent of Topographic Land Surveyors of Oklahoma, do hereby certify to the information shown herein.
 Oklahoma Lic. No. 1433

