

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

API NUMBER: 051 24609

Approval Date: 04/09/2019

Expiration Date: 10/09/2020

Horizontal Hole
Multi Unit
Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 04 Twp: 8N Rge: 6W County: GRADY
SPOT LOCATION: ☐ NW ☐ NE ☐ NW ☐ SW FEET FROM QUARTER: FROM SOUTH FROM WEST
SECTION LINES: 2392 673

Lease Name: PAYNE 0806 4-9 Well No: 1MXH Well will be 673 feet from nearest unit or lease boundary.
Operator CAMINO NATURAL RESOURCES LLC Telephone: 7204052706 OTC/OCC Number: 24097 0
Name:

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

BARNES FARMS INC
2015 SOUTHPOINTE AVE
TUTTLE OK 73089

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	11622	6	
2	MISSISSIPPI	11655	7	
3	WOODFORD	11748	8	
4			9	
5			10	

Spacing Orders: 682703
634400
689593

Location Exception Orders: 687168
687169

Increased Density Orders:

Pending CD Numbers: 201801875

Special Orders:

Total Depth: 19570 Ground Elevation: 1250 Surface Casing: 1500 Depth to base of Treatable Water-Bearing FM: 390

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: 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 not located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is NON HSA

Pit Location Formation: CHICKASHA

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

PERMIT NO: 19-36069

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 not located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is NON HSA

Pit Location Formation: CHICKASHA

HORIZONTAL HOLE 1

Sec 09 Twp 8N Rge 6W County GRADY

Spot Location of End Point: SE SW SW SW

Feet From: SOUTH 1/4 Section Line: 100

Feet From: WEST 1/4 Section Line: 380

Depth of Deviation: 11186

Radius of Turn: 458

Direction: 185

Total Length: 7665

Measured Total Depth: 19570

True Vertical Depth: 11905

End Point Location from Lease,
Unit, or Property Line: 100

Notes:

Category

Description

DEEP SURFACE CASING

4/1/2019 - 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

EXCEPTION TO RULE - 687169

4/9/2019 - GB1 - 4-8N-6W
X165:10-3-28(C)(2)(B) MSSP, WDFD (PAYNE 0806 4-9 1MXH)
MAY BE CLOSER THAN 600' TO SANDBASS 0806 4-33-1MH
CAMINO NATURAL RESOURCES, LLC
11/27/2018

HYDRAULIC FRACTURING

4/1/2019 - 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

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 24609 PAYNE 0806 4-9 1MXH

Category	Description
LOCATION EXCEPTION - 687168	4/9/2019 - GB1 - (I.O.) 4 & 9-8N-6W X682703 MSSP, WDFD 4-8N-6W X634400 MISS, WDFD 9-8N-6W COMPL. INT. (4-8N-6W) NCT 1900' FNL, NCT 0' FSL, NCT 330' FWL COMPL. INT. (9-8N-6W) NCT 0' FNL, NCT 165' FSL, NCT 330' FWL CAMINO NATURAL RESOURCES, LLC 11/27/2018
MEMO	4/1/2019 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
PENDING CD - 201801875	4/9/2019 - GB1 - 4-8N-6W X682703 MSSP, WDFD 4-8N-6W X634400 MISS, WDFD 9-8N-6W 1 WELL NO OP. NAMED REC. 6/25/2018 (NORRIS)
SPACING - 634400	4/9/2019 - GB1 - (640)(HOR) 9-8N-6W EST MISS, WDFD, OTHER COMPL. INT. (MISS) NCT 660' FB COMPL. INT. (WDFD) NCT 330' FB
SPACING - 682703	4/9/2019 - GB1 - (640)(HOR) 4-8N-6W VAC OTHER EST OTHER EXT 667274 MSSP, WDFD, OTHER COMPL. INT. (MSSP) NLT 660' FB COMPL. INT. (WDFD) NLT 165' FSL/FNL, NLT 330' FEL/FWL
SPACING - 689593	4/9/2019 - GB1 - (I.O.) 4 & 9-8N-6W EST MULTIUNIT HORIZONTAL WELL X682703 MSSP, WDFD 4-8N-6W X634400 MISS, WDFD 9-8N-6W (WDFD ADJACENT COMMON SOURCE OF SUPPLY TO MSSP (4-8N-6W) AND MISS (9-8N-6W)) 33.33% 4-8N-6W 66.67% 9-8N-6W CAMINO NATURAL RESOURCES, LLC 1/11/2019

X= 2048273
Y= 680680

X= 2050912
Y= 680687

X= 2045882
Y= 680673

X= 2048524
Y= 680681

X= 2051165
Y= 680690

LOT 4

LOT 3

LOT 2

LOT 1

FIRST PERF
50'FNL-380'FWL-SW/4
NAD-27 (US Feet)
35°11'46.8"N
97°50'42.8"W
35.196336571°N
97.845215024°W
X= 2046248
Y= 678023

S/2-NW/4

S/2-NE/4

X= 2045868
Y= 678073

X= 2051157
Y= 678066

673'

253'

1975'

4

2392'

SW

SE

X= 2048508
Y= 675425

X= 2051153
Y= 675422

X= 2045862
Y= 675428

±271'

EXISTING WELL

NW

EXISTING WELL

NE

±938'

PROPOSED
DRILL PATH

X= 2045861
Y= 672785

9

X= 2051144
Y= 672790

LAST PERF
165'FSL-380'FWL
NAD-27 (US Feet)
35°10'30.5"N
97°50'43.0"W
35.175140198°N
97.845278671°W
X= 2046240
Y= 670308

BOTTOM HOLE
100'FSL-380'FWL
NAD-27 (US Feet)
35°10'29.9"N
97°50'43.0"W
35.174961614°N
97.845279072°W
X= 2046240
Y= 670243

X= 2045860
Y= 670142

X= 2048417
Y= 670145

X= 2051134
Y= 670148

ELEVATION:

1250' Gr. on Level Pad

Operator: CAMINO NATURAL RESOURCES, LLC
Lease Name: PAYNE 0806
Topography & Vegetation Loc. fell on level pad

Well No.: 4-9-1MXH

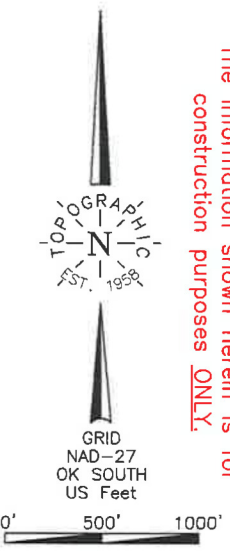
Good Drill Site? Yes

Reference Stakes or Alternate Location
Stakes Set None

Best Accessibility to Location From West off county road.

Distance & Direction from Hwy Jct or Town From Amber, OK, go ±2 miles East, then North ±2 miles to the SW Cor. of Sec. 4-T8N-R6W.

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



FIRST PERF, LAST PERF, BOTTOM HOLE, AND DRILL PATH INFORMATION PROVIDED BY OPERATOR LISTED, NOT SURVEYED.

Revision ☒ A

Date of Drawing: Mar. 21, 2019

Project # 125021

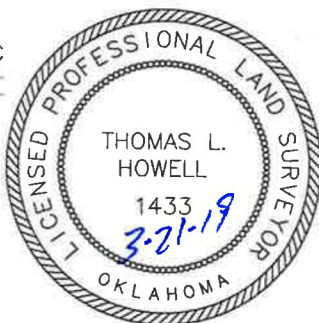
Date Staked: Mar. 18, 2019

LC

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



DATUM: NAD-27
LAT: 35°11'44.8"N
LONG: 97°50'39.3"W
LAT: 35.195777501°N
LONG: 97.844238307°W
STATE PLANE
COORDINATES: (US Feet)
ZONE: OK SOUTH
X: 2046540
Y: 677820

Information was gathered with a GPS receiver with a 1 ft horizontal accuracy.

TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

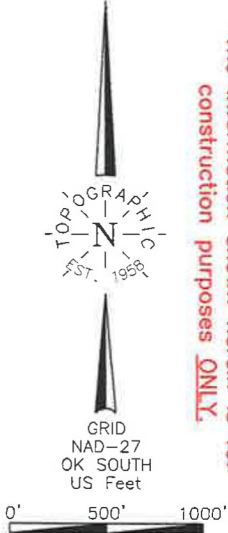
13800 WIRELESS WAY, OKLA. CITY, OKLA. 73134 * LOCAL (405) 843-4847 * OUT OF STATE (800) 654-3219

Certificate of Authorization No. 1293 LS

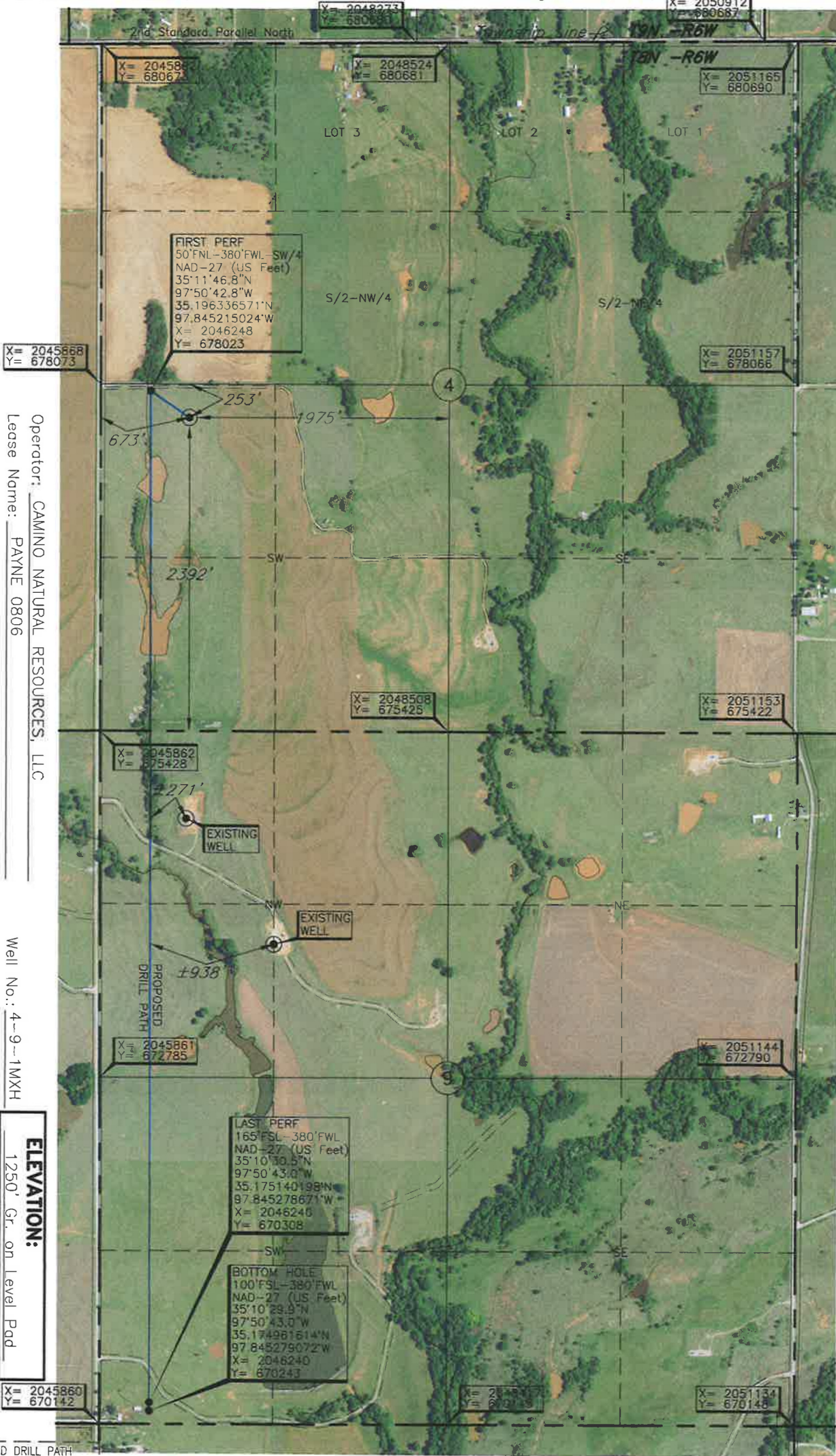
GRADY

County, Oklahoma

2392'FSL-673'FWL Section 4 Township 8N Range 6W I.M.



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Y= 678073

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Topography & Vegetation Loc. fell on level pad

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from Hwy Jct or Town From Amber, OK, go ±2 miles East, then North ±2 miles to the

SW Cor. of Sec. 4-18N-R6W.

FIRST PERF, LAST PERF, BOTTOM HOLE, AND DRILL PATH
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Project # 125021

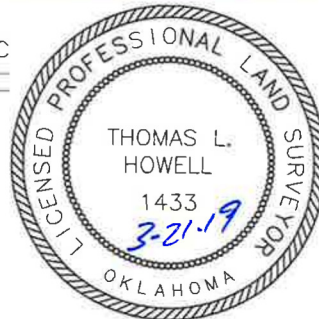
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was gathered with a GPS receiver with a foot (±1 ft) vertical accuracy. Information furnished is for information only.

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