

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

API NUMBER: 043 23523 A

Approval Date: 01/04/2018

Expiration Date: 07/04/2018

Horizontal Hole

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 04 Twp: 16N Rge: 15W

County: DEWEY

SPOT LOCATION:

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 165 2080

Lease Name: WHATCHAMACALLIT

Well No: 9-1H

Well will be 165 feet from nearest unit or lease boundary.

Operator Name: CARRERA ENERGY LLC

Telephone: 4326956970

OTC/OCC Number: 23514 0

CARRERA ENERGY LLC

PO BOX 5036

MIDLAND, TX 79704-5036

HARRY F. PERCY, MANAGER

421 SOUTH 18TH STREET

CLINTON OK 73601

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN (EX CHESTER)	11724	6	
2	WOODFORD	12686	7	
3			8	
4			9	
5			10	

Spacing Orders: 665145

Location Exception Orders: 666229

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 16359

Ground Elevation: 1624

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 80

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: No

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 located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is BED AQUIFER

Pit Location Formation: MARLOW

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

PERMIT NO: 17-32541

H. CLOSED SYSTEM=STEEL PITS (REQUIRED - CANADIAN RIVER)

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 09 Twp 16N Rge 15W County DEWEY

Spot Location of End Point: SW SE SE SW

Feet From: SOUTH 1/4 Section Line: 165

Feet From: WEST 1/4 Section Line: 2080

Depth of Deviation: 10705

Radius of Turn: 573

Direction: 180

Total Length: 4753

Measured Total Depth: 16359

True Vertical Depth: 12686

End Point Location from Lease,
Unit, or Property Line: 165

Notes:

Category

Description

DEEP SURFACE CASING

12/15/2017 - 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

12/15/2017 - 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

INTERMEDIATE CASING

12/15/2017 - G71 - DUE TO THE KNOWN POTENTIAL RISK OF ENCOUNTERING AN OVER-PRESSURED ZONE IN THE MORROW SERIES IN THIS AREA, THE TECHNICAL MANAGER RECOMMENDS SETTING AN INTERMEDIATE STRING OF CASING IMMEDIATELY ABOVE THE MORROW SERIES

LOCATION EXCEPTION - 666229

1/4/2018 - G57 - (I.O.) 9-16N-15W
X665145 MSNLC, WDFD
COMPL. INT. NCT 165' FNL, NCT 165' FSL, NCT 660' FWL
CARRERA ENERGY, LLC.
7-24-2017

SPACING - 665145

1/4/2018 - G57 - (640)(HOR) 9-16N-15W
VAC 160851 MSSSD
EST MSNLC, WDFD
POE TO BHL (MSNLC) NCT 660' FB
POE TO BHL (WDFD) NCT 165' FNL & FSL, NCT 330' FEL & FWL

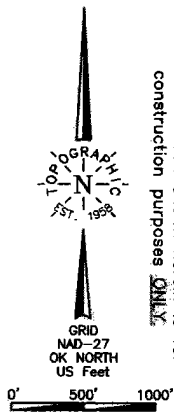
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The duration of this permit is SIX MONTHS, except as otherwise provided by Rule 165: 10-3-1.

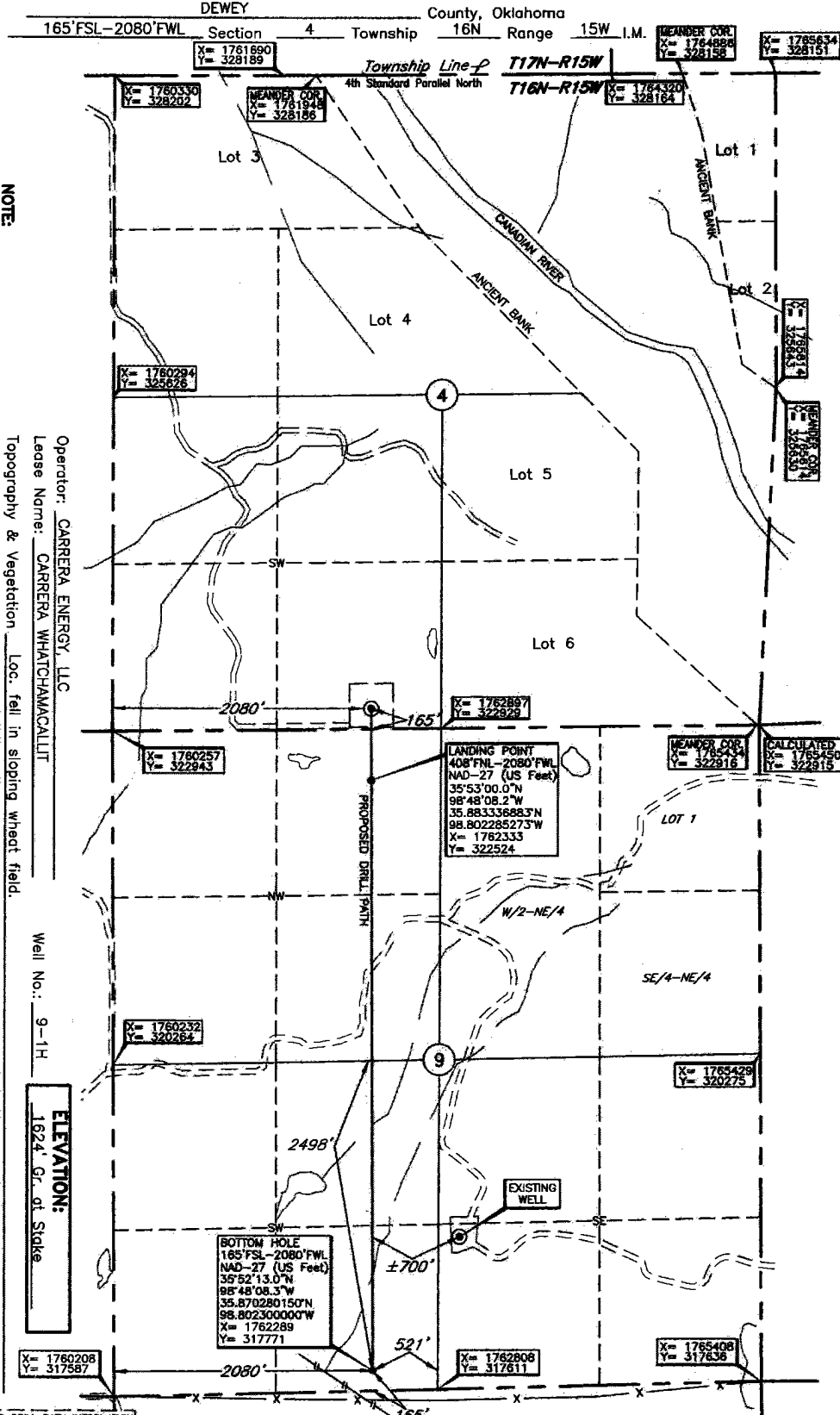
Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.

043 23523 WHATCHAMACALLIT 9-1H

3504323523



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



Operator: CARRERA ENERGY, LLC
 Lease Name: CARRERA WHATCHAMACALLIT
 Topography & Vegetation: Loc. fell in sloping wheat field.
 Good Drill Site? Yes
 Reference Stakes or Alternate Location
 Stakes Set None
 Best Accessibility to Location From North off lease road
 Distance & Direction From Putnam, OK at the junction of US Hwy. 183 and county road E-W 800, go East ±4 miles, from Hwy 183 or town
 the South ±1 mile, then east ±3.6 miles, then North ±4.2 miles, then East ±1 mile to the NW Cor. of Sec. 4-T16N-R15W.

Well No.: 9-1H
 ELEVATION:
1624' Gr. at Stake

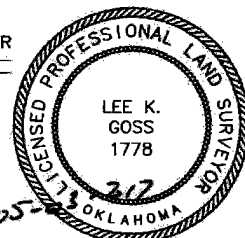
LANDING POINT, BOTTOM HOLE, AND DRILL PATH INFORMATION PROVIDED BY OPERATOR LISTED, NOT SURVEYED.

Revision ☒ A Date of Drawing: May 3, 2017
 Invoice # 275754 Date Staked: Apr. 11, 2017 TR

CERTIFICATE:

I, Lee K. Goss an Oklahoma Licensed Land Surveyor and an authorized agent of Topographic Land Surveyors of Oklahoma, do hereby certify to the information shown herein

Lee K. Goss
 Oklahoma Lic. No. 1778



DATUM: NAD-27
 LAT: 35°53'05.7"N
 LONG: 98°48'08.2"W
 LAT: 35.884911102°N
 LONG: 98.802281276°W
 STATE PLANE
 COORDINATES: (US Feet)
 ZONE: OK NORTH
 X: 1762339
 Y: 323097