

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

API NUMBER: 043 23611

Approval Date: 04/10/2018

Expiration Date: 10/10/2018

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 09 Twp: 18N Rge: 14W

County: DEWEY

SPOT LOCATION: S2 S2 SE SE

FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 200 660

Lease Name: JAGUAR

Well No: 9-1H

Well will be 200 feet from nearest unit or lease boundary.

Operator Name: COMANCHE EXPLORATION CO LLC

Telephone: 4057555900

OTC/OCC Number: 20631 0

COMANCHE EXPLORATION CO LLC
6520 N WESTERN AVE STE 300
OKLAHOMA CITY, OK 73116-7334

BRAZOS RESOURCES, LP
6520 N. WESTERN, SUITE 300
OKLAHOMA CITY OK 73116

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

Name	Depth	Name	Depth
1 MISSISSIPPIAN	9330	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201800606
201800515

Special Orders:

Total Depth: 14945

Ground Elevation: 1940

Surface Casing: 850

Depth to base of Treatable Water-Bearing FM: 500

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: 8000 Average: 5000

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 AP/TE DEPOSIT

Pit Location Formation: TERRACE

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

PERMIT NO: 18-34072

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 AP/TE DEPOSIT

Pit Location Formation: TERRACE

HORIZONTAL HOLE 1

Sec 09 Twp 18N Rge 14W County DEWEY

Spot Location of End Point: N2 N2 NE NE

Feet From: NORTH 1/4 Section Line: 135

Feet From: EAST 1/4 Section Line: 660

Depth of Deviation: 9026

Radius of Turn: 800

Direction: 360

Total Length: 4662

Measured Total Depth: 14945

True Vertical Depth: 10170

End Point Location from Lease,
Unit, or Property Line: 135

Additional Surface Owner	Address	City, State, Zip
THE WEST TEXAS COMPANY	6520 N. WESTERN AVE., SUITE 300	OKLAHOMA CITY, OK 73116

Notes:

Category

Description

DEEP SURFACE CASING

3/7/2018 - 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

3/7/2018 - 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

INTERMEDIATE CASING

3/7/2018 - 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

MEMO

3/7/2018 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

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

043 23611 JAGUAR 9-1H

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.

Category	Description
PENDING CD - 201800515	4/3/2018 - G57 - (640)(HOR) 9-18N-14W VAC 95923 CSTR EST MSSP, OTHERS POE TO BHL (MSSP, HNTN) NLT 660' FB REC 3-6-2018 (JACKSON)
PENDING CD - 201800606	4/3/2018 - G57 - (I.O.) 9-18N-14W X201800515 MSSP COMPL. INT. NCT 165' FSL, NCT 165' FNL, NCT 560' FEL NO OP. NAMED 3-6-2018 (JACKSON)

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.

TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

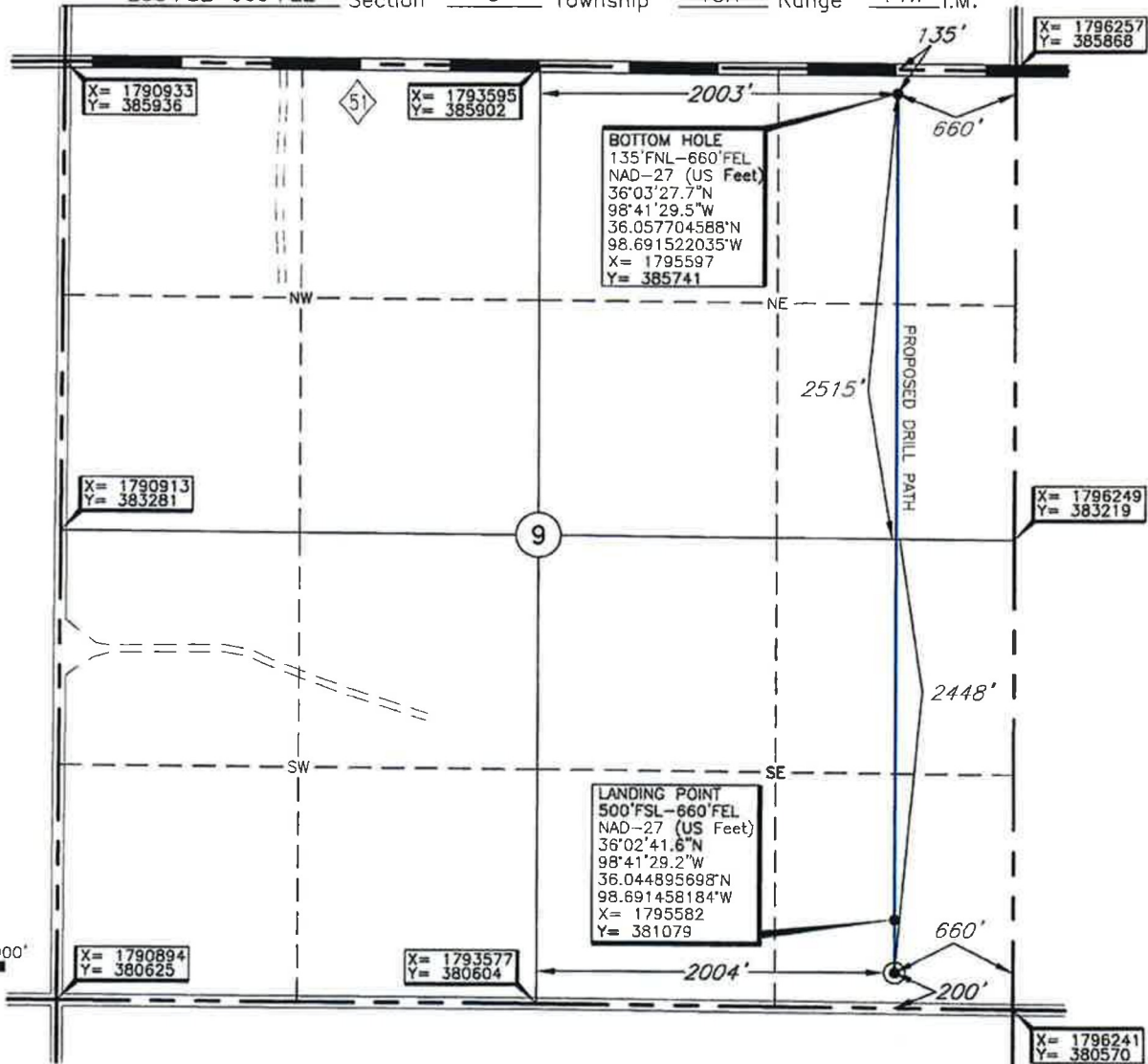
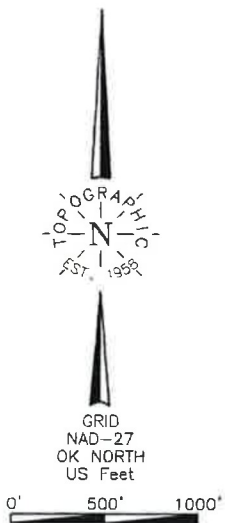
13800 WIRELESS WAY, OKLA. CITY, OKLA. 73134 * LOCAL (405) 843-4847 * OUT OF STATE (800) 654-3219

Certificate of Authorization No. 1293 LS

DEWEY

County, Oklahoma

200'FSL-660'FEL Section 9 Township 18N Range 14W 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.)Operator: COMANCHE EXPLORATION CO., LLCLease Name: JAGUARWell No.: 9-1H**ELEVATION:**1940' Gr. at StakeTopography & Vegetation Loc. fell in heavy brush on sandy hill.Good Drill Site? YesReference Stakes or Alternate Location
Stakes Set NoneBest Accessibility to Location From South off county road.

Distance & Direction

from Hwy Jct or Town From the Junction of St. Hwy.51 and US Hwy. 270, go East on St.Hwy. 51 ±6.1 miles, then South ±1 mile, then East ±1 mile to the SE Cor. of Sec. 9-T18N-R14W.This information was
gathered with a GPS receiver
with ±1 foot Horiz./Vert. accuracy.
 DATUM: NAD-27
 LAT: 36°02'38.7\"N
 LONG: 98°41'29.2\"W
 LAT: 36.044070851°N
 LONG: 98.691452963°W
 STATE PLANE
 COORDINATES: (US Feet)
 ZONE: OK NORTH
 X: 1795582
 Y: 380778

 Invoice # 289819 Date of Drawing: Mar. 1, 2018
 Date Staked: Jan. 23, 2018

TR

CERTIFICATE:
 I, T. Wayne Fisch an Oklahoma Licensed Land
 Surveyor and an authorized agent of Topographic Land
 Surveyors of Oklahoma, do hereby certify to the
 information shown herein

T. Wayne Fisch
 Oklahoma Lic. No. 1378
