

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

API NUMBER: 073 25362

Approval Date: 08/18/2016

Expiration Date: 02/18/2017

Straight Hole

Stratigraphic Test

PERMIT TO DRILL

WELL LOCATION: Sec: 32 Twp: 16N Rge: 9W

County: KINGFISHER

SPOT LOCATION: ☐ NW ☐ NE ☐ SW ☐ SE

FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 1000 1670

Lease Name: CAFFEY 32-16N-9W

Well No: 1

Well will be 1000 feet from nearest unit or lease boundary.

Operator Name: DEVON ENERGY PRODUCTION CO LP

Telephone: 4052353611; 4052353

OTC/OCC Number: 20751 0

DEVON ENERGY PRODUCTION CO LP  
333 W SHERIDAN AVE  
OKLAHOMA CITY, OK 73102-5010

CAFFEY FAMILY, L.L.C  
413 N. CIMARRON  
HENNESSEY OK 73742

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	9432	6	
2	WOODFORD	10029	7	
3			8	
4			9	
5			10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201603375

Special Orders:

Total Depth: 10314

Ground Elevation: 1205

**Surface Casing: 1500**

Depth to base of Treatable Water-Bearing FM: 570

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: 16-31429

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

Notes:

Category

Description

DEEP SURFACE CASING

7/25/2016 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY FOR ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON CONDUCTOR OR SURFACE CASING

INTERMEDIATE CASING

7/25/2016 - 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

7/25/2016 - G71 - PIT 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST; PIT 2 - OBM TO VENDOR, OBM CUTTINGS PER DISTRICT

PENDING CD - 201603375

8/3/2016 - G75 - (E.O.) 32-16N-9W  
X165:10-7-31(B)(2) EXCEPTION TO ALLOW FRACTURE STIMULATION IN STRATIGRAPHIC TEST HOLE  
DEVON ENERGY PROD. CO., L.P.  
REC. 8-18-2016 (M. PORTER)

SPACING

7/25/2016 - G75 - NA-STRATIGRAPHIC TEST

TECH RESPONSE FORM

8/18/2016 - G60 - STAFF HAS NO OBJECTIONS TO THIS APPLICATION GIVEN THE DATA SUBMITTED. \*\*\*\*PROVIDED THIS WELL WILL NEVER BE CONVERTED TO A PRODUCING WELL; ANY FRAC WILL BE REPORTED TO FRAC FOCUS; THE STRAT TEST IS FOR SCIENTIFIC RESEARCH ONLY; THIS RELIEF WILL NOT SET PRECEDENT FOR FUTURE STRAT TEST WELLS (PER TIM BAKER)

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.

073 25362 CAFFEY 32-16N-9W 1

**OPERATOR:** DEVON ENERGY PRODUCTION COMPANY, L.P.  
**LEASE NAME:** CAFFEY 32-16N-9W  
**WELL NO.** 1  
**GOOD DRILL SITE:** YES  
**KINGFISHER COUNTY, STATE:** OK  
**GROUND ELEVATION:** 1205.21' GR. AT STAKE  
**SURFACE HOLE FOOTAGE:** 1670' FEL - 1000' FSL  
**SECTION:** 32 TOWNSHIP: T16N RANGE: R9W  
**ACCESSIBILITY TO LOCATION:** FROM SOUTH LINE  
**TOPOGRAPHY & VEGETATION:**  
**LOCATION:** FELL IN A FIELD

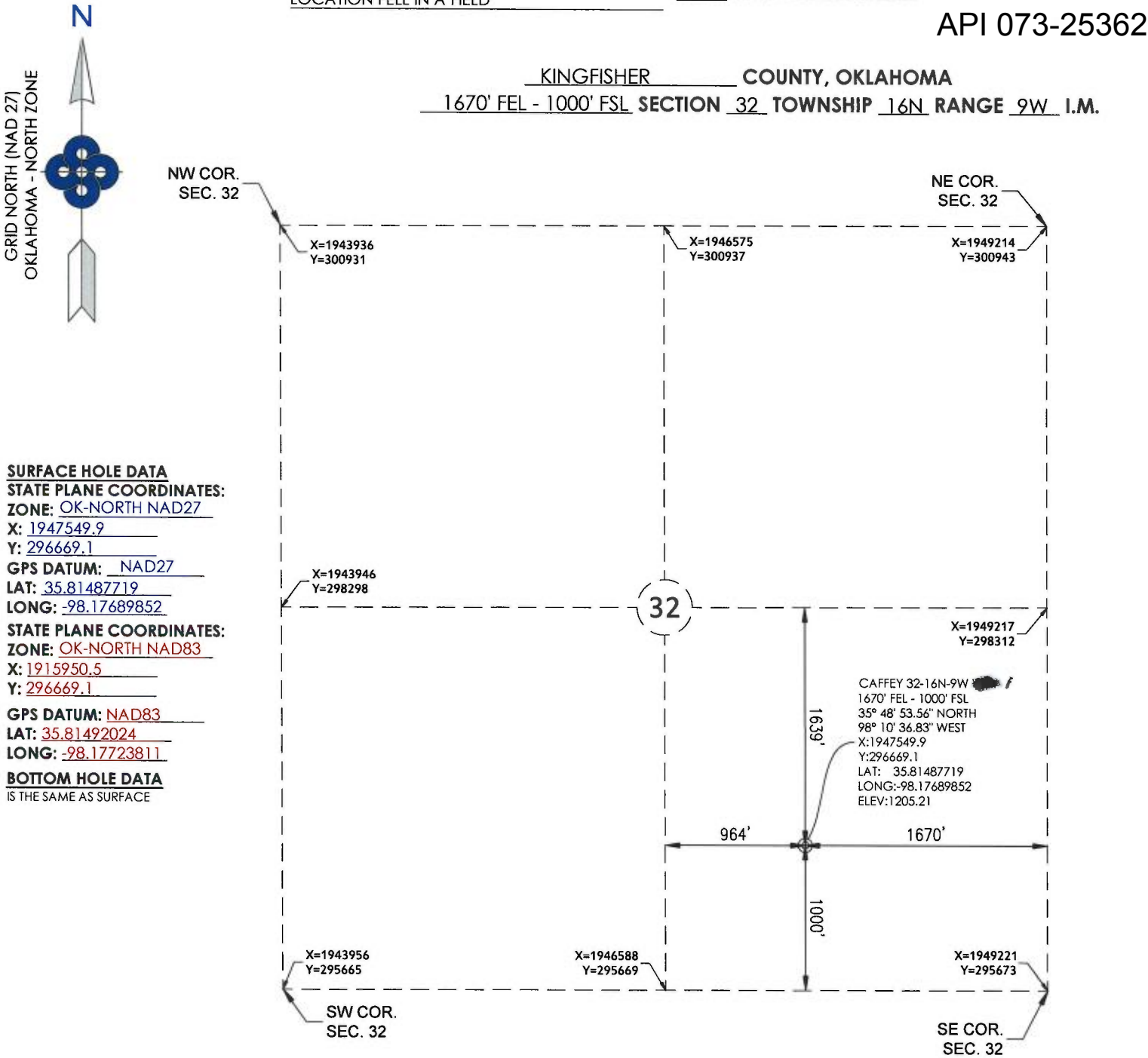
**DISTANCE & DIRECTION FROM HWY JCT OR TOWN:**  
FROM THE TOWN OF OMEGA, HEAD EAST 0.5MI, HEAD  
SOUTH ON N2700 RD 4MI, HEAD EAST ON E0830 RD 0.7MI,  
SITE IS LOCATED IN A FIELD ON THE NORTH SIDE OF ROAD

PLEASE NOTE THAT THIS LOCATION WAS STAKED ON THE GROUND UNDER THE SUPERVISION OF A LICENSED PROFESSIONAL LAND SURVEYOR, BUT ACCURACY OF THIS EXHIBIT IS NOT GUARANTEED. PLEASE CONTACT CRAFTON TULL PROMPTLY IF ANY INCONSISTENCY IS DETERMINED, GPS DATA IS OBSERVED FROM RTK-GPS.

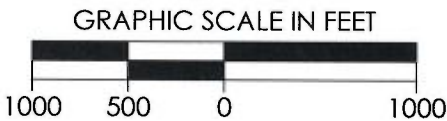
NOTE: X AND Y DATA SHOWN HEREON FOR SECTION CORNERS MAY NOT HAVE BEEN SURVEYED ON THE GROUND, AND FURTHER, DOES NOT REPRESENT A TRUE BOUNDARY SURVEY.


QUARTER SECTION DISTANCES MAY BE ASSUMED FROM A GOVERNMENT SURVEY PLAT OR ASSUMED AT A PROPORTIONATE DISTANCE FROM OPPOSING SECTION CORNERS, OR OCCUPATION THEREOF, AND MAY NOT HAVE BEEN MEASURED ON THE GROUND, AND FURTHER, DOES NOT REPRESENT A TRUE BOUNDARY SURVEY.

API 073-25362



**SURFACE HOLE DATA**  
**STATE PLANE COORDINATES:**  
**ZONE:** OK-NORTH NAD27  
**X:** 1947549.9  
**Y:** 296669.1  
**GPS DATUM:** NAD27  
**LAT:** 35.81487719  
**LONG:** -98.17689852  
**STATE PLANE COORDINATES:**  
**ZONE:** OK-NORTH NAD83  
**X:** 1915950.5  
**Y:** 296669.1  
**GPS DATUM:** NAD83  
**LAT:** 35.81492024  
**LONG:** -98.17723811  
**BOTTOM HOLE DATA**  
IS THE SAME AS SURFACE



REVISION		"CAFFEY 32-16N-9W 1" PART OF THE SE/4 OF SECTION 32, T-16-N, R-9-W PROPOSED DRILL SITE KINGFISHER COUNTY, OKLAHOMA		 devon
		SCALE: 1" = 1000'	DRAWN BY: DW	SHEET NO.: 1 OF 6
		PLOT DATE: 07-06-2016		