

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

API NUMBER: 011 23919

Approval Date: 01/18/2018

Expiration Date: 07/18/2018

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 23 Twp: 16N Rge: 12W

County: BLAINE

SPOT LOCATION:

FEET FROM QUARTER: FROM NORTH FROM EAST

SECTION LINES: 256 1170

Lease Name: PINKERTON 23-16N-12W

Well No: 1H

Well will be 256 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

ROBERT & RUTH ANN SWAIM
256017 E. 800 RD.
WATONGA OK 73772

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

Name	Depth	Name	Depth
1 MISSISSIPPIAN	9419	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 585991

Location Exception Orders:

Increased Density Orders: 670785

Pending CD Numbers: 201705751

Special Orders:

Total Depth: 15523

Ground Elevation: 1490

Surface Casing: 460

Depth to base of Treatable Water-Bearing FM: 210

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: 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 ALLUVIAL

Pit Location Formation: ALLUVIUM

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

PERMIT NO: 18-33681

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 ALLUVIAL

Pit Location Formation: ALLUVIUM

HORIZONTAL HOLE 1

Sec 23 Twp 16N Rge 12W County BLAINE

Spot Location of End Point: SW SW SE SE

Feet From: SOUTH 1/4 Section Line: 50

Feet From: EAST 1/4 Section Line: 1260

Depth of Deviation: 9690

Radius of Turn: 477

Direction: 181

Total Length: 5084

Measured Total Depth: 15523

True Vertical Depth: 10689

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

Notes:

Category

Description

HYDRAULIC FRACTURING

1/4/2018 - 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: OCCWEB.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

INCREASED DENSITY - 670785

1/9/2018 - G75 - 23-16N-12W
X585991 MSSP, OTHER
1 WELL
DEVON ENERGY PROD. CO., L.P.
12-5-2017

INTERMEDIATE CASING

1/4/2018 - 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

1/4/2018 - G71 - PIT 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST; PIT 2 - OBM TO VENDOR, OBM CUTTINGS PER DISTRICT

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.

011 23919 PINKERTON 23-16N-12W 1H

Category	Description
PENDING CD - 201705751	1/9/2018 - G75 - (I.O.) 23-16N-12W X585991 MSSP, OTHER COMPL. INT. NCT 165' FNL, NCT 165' FSL, NCT 330' FEL NO OP. NAMED REC 10-24-2017 (MILLER)
SPACING - 585991	1/9/2018 - G75 - (640) 23-16N-12W VAC 221573 CSTR EXT OTHER EST MSSP, OTHER

OPERATOR: DEVON ENERGY PRODUCTION COMPANY, L.P.

LEASE NAME: PINKERTON 23-16N-12W
WELL NO. 1H
GOOD DRILL SITE: YES
BLAINE COUNTY, STATE: OK
GROUND ELEVATION: 1489.94' GR. AT STAKE
SURFACE HOLE FOOTAGE: 1170' FEL - 256' FNL
SECTION: 23 TOWNSHIP: T16N RANGE: R12W
BOTTOM HOLE: 23-T16N-R12W I.M.
ACCESSIBILITY TO LOCATION: FROM NORTH LINE
TOPOGRAPHY & VEGETATION:
LOCATION FELL IN A FIELD

DISTANCE & DIRECTION FROM HWY JCT OR TOWN:
AT THE JCT. OF OK-8 & OK-3 HEAD NORTH 1.0MI± TO
AIRPORT ROAD, HEAD WEST 1.0MI± TO N2560, HEAD WEST
ALONG E800RD 0.15MI±, PAD SITE IS SOUTH OF THE 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 011-23919



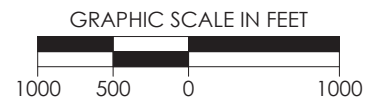
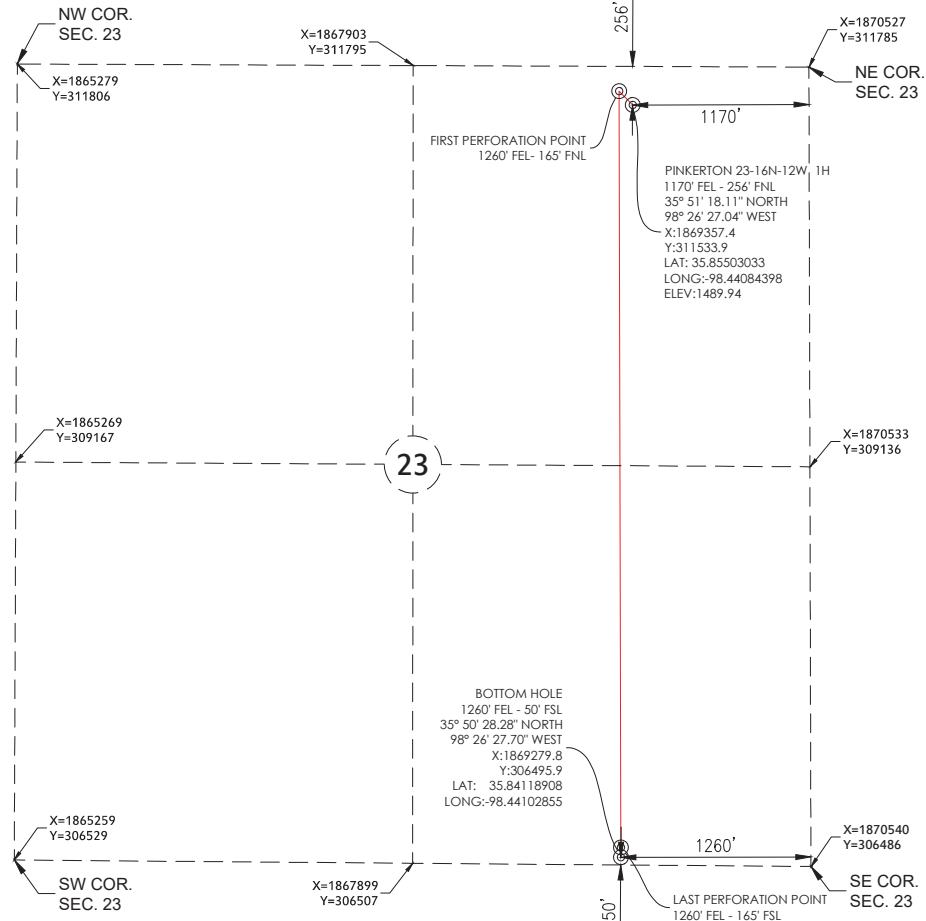
BLAINE COUNTY, OKLAHOMA
1170' FEL - 256' FNL SECTION 23 TOWNSHIP 16N RANGE 12W I.M.

SURFACE HOLE DATA
STATE PLANE COORDINATES:
ZONE: OK-NORTH NAD27
X: 1869357.4
Y: 311533.9
GPS DATUM: NAD27
LAT: 35.85503033
LONG: -98.44084398
STATE PLANE COORDINATES:
ZONE: OK-NORTH NAD83
X: 1837756.3
Y: 311558.3
GPS DATUM: NAD83
LAT: 35.85507352
LONG: -98.4411955

BOTTOM HOLE DATA
STATE PLANE COORDINATES:
ZONE: OK-NORTH NAD27
X: 1869279.8
Y: 306495.9
GPS DATUM: NAD27
LAT: 35.84118908
LONG: -98.44102855
STATE PLANE COORDINATES:
ZONE: OK-NORTH NAD83
X: 1837678.7
Y: 306570.3
GPS DATUM: NAD83
LAT: 35.84136826
LONG: -98.44139333

BOTTOM HOLE
INFORMATION PROVIDED
BY OPERATOR LISTED.

2017.12.08 07:29:32-06'00"



REVISION	"PINKERTON 23-16N-12W 1H"		
	PART OF THE NE/4 OF SECTION 23, T-16-N, R-12-W PROPOSED DRILL SITE BLAINE COUNTY, OKLAHOMA		
	SCALE: 1" = 1000'	DRAWN BY:	SQ SHEET NO.: 1 OF 6
	PLOT DATE: 12-08-2017		

