

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

API NUMBER: 047 25105

Approval Date: 06/14/2017
Expiration Date: 12/14/2017

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 03 Twp: 23N Rge: 5W County: GARFIELD
SPOT LOCATION: SW SW SE SE FEET FROM QUARTER: FROM SOUTH FROM EAST
SECTION LINES: 223 1230

Lease Name: HERBERT Well No: 5-3H Well will be 223 feet from nearest unit or lease boundary.
Operator Name: SK PLYMOUTH LLC Telephone: 9185991820 OTC/OCC Number: 23485 0

SK PLYMOUTH LLC
6100 S YALE AVE STE 500
TULSA, OK 74136-1906

RUSTY ZALOUDEK
427 F AVENUE
KREMLIN OK 73753

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

Name	Depth	Name	Depth
1 WOODFORD	6280	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 589847 Location Exception Orders: 664706 Increased Density Orders: 647818
657647
664610

Pending CD Numbers:

Special Orders:

Total Depth: 11616 Ground Elevation: 1100 **Surface Casing: 440** 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

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: WATER BASED

Chlorides Max: 50000 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 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: FAIRMONT

Approved Method for disposal of Drilling Fluids:

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

PERMIT NO: 17-32732

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: FAIRMONT

HORIZONTAL HOLE 1

Sec 03 Twp 23N Rge 5W County GARFIELD

Spot Location of End Point: NW NE NW NE

Feet From: NORTH 1/4 Section Line: 75

Feet From: EAST 1/4 Section Line: 1800

Depth of Deviation: 5769

Radius of Turn: 573

Direction: 355

Total Length: 4947

Measured Total Depth: 11616

True Vertical Depth: 6310

End Point Location from Lease,
Unit, or Property Line: 75

Notes:

Category

Description

HYDRAULIC FRACTURING

6/9/2017 - G71 - OCC 165:10-3-10 REQUIRES: 1) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS BE REPORTED TO FRACFOCUS USING THE FOLLOWING LINK [HTTP://FRACFOCUS.ORG/](http://fracfocus.org/) WITH NOTICE GIVEN 48 HOURS IN ADVANCE OF FRACTURING TO THE LOCAL OCC DISTRICT OFFICE; AND, 2) PRIOR TO COMMENCEMENT OF FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE ALSO GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN 1/2 MILE

INCREASED DENSITY - 647818

6/13/2017 - G75 - 3-23N-5W
X589847 WDFD
2 WELLS
SK PLYMOUTH, LLC
12-18-2015

INCREASED DENSITY - 657647

6/13/2017 - G75 - EXTEND 647818 UNTIL 12-18-2017 FOR 2 MSSP WELLS

INCREASED DENSITY - 664610

6/13/2017 - G75 - NPT 657647 TO EXTEND 647818 UNTIL 12-18-2017 FOR 2 WDFD WELLS

LOCATION EXCEPTION - 664706

6/13/2017 - G75 - (I.O.) 3-23N-5W
X589847 WDFD
COMPL. INT. NCT 165' FSL, NCT 165' FNL, NCT 330 FEL
SK PLYMOUTH LLC
6-9-2017

MEMO

6/13/2017 - 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.

Category	Description
SPACING - 589847	6/13/2017 - G75 - (640)(HOR) 3-23N-5W VAC OTHERS EST WDFD, OTHER POE TO BHL NCT 330 FB
WATERSHED STRUCTURE	6/9/2017 - G71 - WELL WITHIN 1/2 MILE OF AN OKLAHOMA CONSERVATION COMMISSION WATERSHED STRUCTURE. CONTACT THE LOCAL CONSERVATION DISTRICT OFFICE AT (580) 237-7880 PRIOR TO DRILLING

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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.

LEGEND:

- └ = 90° SYMBOL
- = PROPOSED WELLHEAD.
- = TARGET BOTTOM HOLE.
- ◇ = LANDING POINT
- ▲ = SECTION CORNERS LOCATED.

T23N, R5W, I.M.

API 047-25105

Rebar With Cap, #1667,
0.5' Below
Road Intersection
(SP NAD 27)
N: 548398.23
E: 2084985.35

Rebar,
0.8' Below
E-W Road
(SP NAD 27)
N: 548408.43
E: 2082341.37

Rebar, #1334, 0.4'
Below Road Intersection
(SP NAD 27)
N: 548413.05 LOT 4
E: 2079699.24

N00'08'26"E - 2580.37' (Meas.)

N00'01'24"W - 2615.54' (Meas.)

N00'16'26"E - 2546.04' (Meas.)

N00'16'14"E - 2634.75' (Meas.)

NAD 83 (SURFACE LOCATION)	
LATITUDE = 36°29'33.39" (36.492608)	
LONGITUDE = 97°42'55.47" (97.715408)	
NAD 27 (SURFACE LOCATION)	
LATITUDE = 36°29'33.28" (36.492578)	
LONGITUDE = 97°42'54.28" (97.715078)	
STATE PLANE NAD 83 (OK NORTH)	
N: 543466.45 E: 2052155.68	
STATE PLANE NAD 27 (OK NORTH)	
N: 543440.94 E: 2083755.17	
NAD 83 (LANDING POINT)	
LATITUDE = 36°29'32.84" (36.492456)	
LONGITUDE = 97°43'02.45" (97.717347)	
NAD 27 (LANDING POINT)	
LATITUDE = 36°29'32.72" (36.492422)	
LONGITUDE = 97°43'01.26" (97.717017)	
STATE PLANE NAD 83 (OK NORTH)	
N: 543408.43 E: 2051585.72	
STATE PLANE NAD 27 (OK NORTH)	
N: 543382.93 E: 2083185.22	
NAD 83 (TARGET BOTTOM HOLE)	
LATITUDE = 36°30'21.76" (36.506044)	
LONGITUDE = 97°43'02.27" (97.717297)	
NAD 27 (TARGET BOTTOM HOLE)	
LATITUDE = 36°30'21.64" (36.506011)	
LONGITUDE = 97°43'01.08" (97.716967)	
STATE PLANE NAD 83 (OK NORTH)	
N: 548355.74 E: 2051586.04	
STATE PLANE NAD 27 (OK NORTH)	
N: 548330.19 E: 2083185.52	

LOT 3

LOT 2

LOT 1

3

**HERBERT
#5-3WH
Elev. Ungraded
Ground = 1100.6'**

Landing Point

Rebar With Yellow
Plastic Cap, #1522,
0.1' Below Road
Intersection
(SP NAD 27)
N: 543217.75
E: 2079718.35

Rebar With Cap, #1522,
0.7' Below E-W Road
(SP NAD 27)
N: 543217.92
E: 2082351.73

Rebar,
0.6' Below Road
Intersection
(SP NAD 27)
N: 543218.01
E: 2084985.03



LINE TABLE		
LINE	DIRECTION	LENGTH
L1	S84°27'22"W	572.96'

CERTIFICATE OF PROFESSIONAL SURVEYOR

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

JUSTIN
ROBERTSON
REGISTERED LAND SURVEYOR
REGISTRATION NO. 1822
STATE OF OKLAHOMA 05-23-17

BASIS OF BEARINGS
BASIS OF BEARINGS IS A G.P.S. OBSERVATION

BASIS OF ELEVATION
BENCH MARK (F184) LOCATED NEAR THE SOUTH LINE OF THE SW 1/4 OF SECTION 12, T22N, R6W, I.M., TAKEN FROM THE ENID EAST, QUADRANGLE, OKLAHOMA, GARFIELD COUNTY, 7.5 MINUTE QUAD (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 1154.36 FEET.



UELS, LLC
Corporate Office * 85 South 200 East
Vernal, UT 84078 * (435) 789-1017



SK PLYMOUTH, LLC

HERBERT #5-3 H
SE 1/4 SE 1/4, SECTION 3, T23N, R5W, I.M.
GARFIELD COUNTY, OKLAHOMA

SURVEYED BY	B.L.	05-19-17	SCALE
DRAWN BY	D.P.	05-23-17	1" = 1000'

WELL LOCATION PLAT