

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

API NUMBER: 047 25087

Approval Date: 02/17/2017
Expiration Date: 08/17/2017

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 12 Twp: 23N Rge: 5W County: GARFIELD
SPOT LOCATION: SW SE SE SE FEET FROM QUARTER: FROM SOUTH FROM EAST
SECTION LINES: 165 510

Lease Name: JUANITA Well No: 2-12HM Well will be 165 feet from nearest unit or lease boundary.
Operator Name: SK PLYMOUTH LLC Telephone: 9185991800 OTC/OCC Number: 23485 0

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

HERMAN ROGGOW TRUST C/O CURT ROGGOW
P.O. BOX 15
HILLSDALE OK 73743

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

Name	Depth	Name	Depth
1	MISSISSIPPIAN	5660	6
2			7
3			8
4			9
5			10

Spacing Orders: 628534 Location Exception Orders: 658418 Increased Density Orders: 660505
650478

Pending CD Numbers:

Special Orders:

Total Depth: 10833 Ground Elevation: 1112 **Surface Casing: 320** Depth to base of Treatable Water-Bearing FM: 270

Under Federal Jurisdiction: No Fresh Water Supply Well Drilled: No Surface Water used to Drill: No

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 located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is BED AQUIFER

Pit Location Formation: GARBER

Approved Method for disposal of Drilling Fluids:

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 17-32141
H. CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST

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 12 Twp 23N Rge 5W County GARFIELD

Spot Location of End Point: NW NE NE NE

Feet From: NORTH 1/4 Section Line: 75

Feet From: EAST 1/4 Section Line: 510

Depth of Deviation: 5183

Radius of Turn: 477

Direction: 360

Total Length: 4901

Measured Total Depth: 10833

True Vertical Depth: 6000

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

Notes:

Category

Description

HYDRAULIC FRACTURING

2/15/2017 - 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 - 650478

2/16/2017 - G75 - 12-23N-5W
X628534 MSSP
2 WELLS
SK PLYMOUTH, LLC
3-3-2016

INCREASED DENSITY - 660505

2/16/2017 - G75 - EXTEND 650478 UNTIL 3-3-2018

LOCATION EXCEPTION - 658418

2/16/2017 - G75 - (I.O.) 12-23N-5W
X628534 MSSP
COMPL. INT. NCT 165' FSL, NCT 165' FNL, NCT 400' FEL
NO OP. NAMED
11-29-2016

SPACING - 628534

2/16/2017 - G75 - (640)(HOR) 12-23N-5W
EXT 611498 MSSP, OTHER
COMPL. INT. NCT 660' FB
(SUPERSEDE SP. ORDER # 56832 MSSLM E2; COEXIST SP. ORDER # 56832 MSSLM W2)

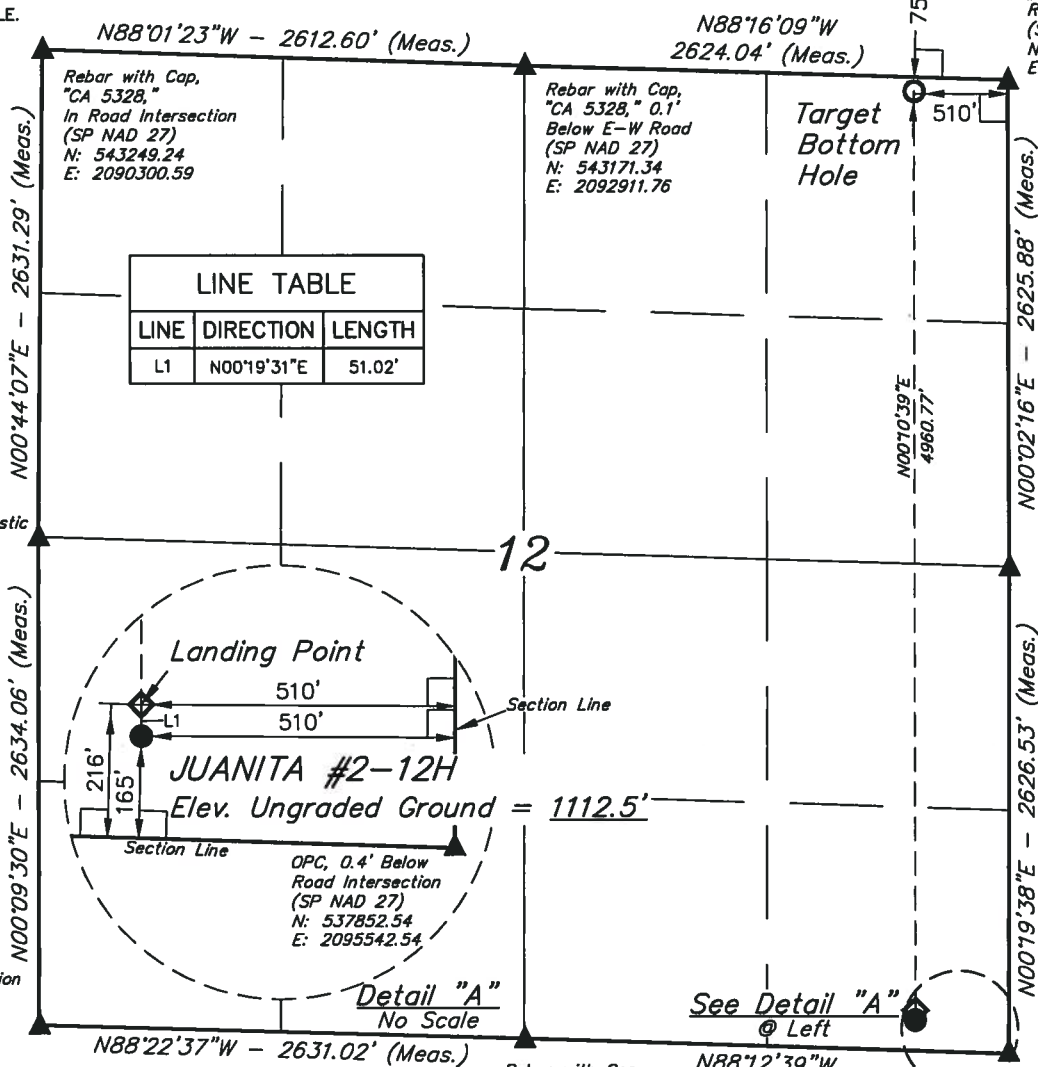
LEGEND:

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

T23N, R5W, I.M.

API 047-25087

Rebar with Cap,
#864, 0.4' Below
Road Intersection
(SP NAD 27)
N: 543104.36
E: 2095534.68



Rebar with Yellow Plastic
Cap, 0.3' Below Road
(SP NAD 27)
N: 540618.33
E: 2090279.15

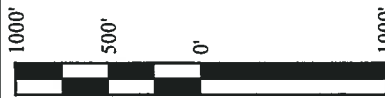
Rebar with Cap,
"CA 5328,"
In Road Intersection
(SP NAD 27)
N: 537984.56
E: 2090284.21

Rebar with Cap,
"CA 5328," 0.3'
Below Road
(SP NAD 27)
N: 537922.35
E: 2092914.23

OPC, 0.5' Below
N-S Road
(SP NAD 27)
N: 540478.78
E: 2095545.24

OPC, 0.4' Below
Road Intersection
(SP NAD 27)
N: 537852.54
E: 2095542.54

NAD 83 (SURFACE LOCATION)	
LATITUDE = 36°28'39.55" (36.477653)	
LONGITUDE = 97°40'37.57" (97.677103)	
NAD 27 (SURFACE LOCATION)	
LATITUDE = 36°28'39.43" (36.477619)	
LONGITUDE = 97°40'36.38" (97.676772)	
STATE PLANE NAD 83 (NORTH)	
N: 538056.65 E: 2063433.33	
STATE PLANE NAD 27 (NORTH)	
N: 538031.12 E: 2095032.77	
NAD 83 (LANDING POINT)	NAD 83 (TARGET BOTTOM HOLE)
LATITUDE = 36°28'40.05" (36.477792)	LATITUDE = 36°29'29.11" (36.491419)
LONGITUDE = 97°40'37.57" (97.677103)	LONGITUDE = 97°40'37.46" (97.677072)
NAD 27 (LANDING POINT)	NAD 27 (TARGET BOTTOM HOLE)
LATITUDE = 36°28'39.94" (36.477761)	LATITUDE = 36°29'28.99" (36.491386)
LONGITUDE = 97°40'36.38" (97.676772)	LONGITUDE = 97°40'36.28" (97.676744)
STATE PLANE NAD 83 (NORTH)	STATE PLANE NAD 83 (NORTH)
N: 538107.67 E: 2063433.38	N: 543067.94 E: 2063425.52
STATE PLANE NAD 27 (NORTH)	STATE PLANE NAD 27 (NORTH)
N: 538082.13 E: 2095032.83	N: 543042.36 E: 2095024.98



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.

REGISTERED LAND SURVEYOR
 REGISTRATION NO. 1822
 STATE OF OKLAHOMA
 JUSTIN
 12-23-16

REV: 1 12-23-16 K.A. (ADD LANDING POINT AND BOTTOM HOLE)

SK PLYMOUTH, LLC

JUANITA #2-12HM
 SE 1/4 SE 1/4, SECTION 12, T23N, R5W, I.M.
 GARFIELD COUNTY, OKLAHOMA

SURVEYED BY	J.P., B.L.	09-29-16	SCALE
DRAWN BY	J.J.	10-04-16	1" = 1000'

WELL LOCATION PLAT



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

