

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

API NUMBER: 047 25013

Approval Date: 03/06/2015

Expiration Date: 09/06/2015

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 18 Twp: 24N Rge: 4W

County: GARFIELD

SPOT LOCATION: ☐ SW ☐ SW ☐ SE ☐ SW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 165 1380

Lease Name: HH

Well No: 2-19WH

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  
110 W 7TH ST STE 2600  
TULSA, OK 74119-1104

RONALD REUSSNER & ELAINE REUSSNER, TRUSTEES  
2516 W 88TH STREET  
LEAWOOD KS 66206

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

Name	Depth	Name	Depth
1 WOODFORD	6180	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201500348  
201500350

Special Orders:

Total Depth: 11300

Ground Elevation: 1106

**Surface Casing: 500**

Depth to base of Treatable Water-Bearing FM: 450

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: 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

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 15-29537  
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 19 Twp 24N Rge 4W County GARFIELD

Spot Location of End Point: S2 SE SW SW

Feet From: SOUTH 1/4 Section Line: 150

Feet From: WEST 1/4 Section Line: 990

Depth of Deviation: 5564

Radius of Turn: 636

Direction: 185

Total Length: 4737

Measured Total Depth: 11300

True Vertical Depth: 6200

End Point Location from Lease,  
Unit, or Property Line: 150

Notes:

Category

Description

PENDING - 201500348

2/11/2015 - G76 - (640)(HOR) 19-24N-4W  
EXT 616612 WDFD  
COMPL. INT. NCT 330' FB  
REC. 2/10/2015 (MCKEOWN)

PENDING CD - 201500350

3/6/2015 - G76 - 19-24N-4W  
X201500348 WDFD  
SHL NCT 165 FSL, NCT 660 FWL 18-24N-4W  
1ST PERF NCT 150 FNL, NCT 660 FWL  
LAST PERF NCT 150 FSL, NCT 660 FWL  
BHL NCT 150 FSL, NCT 660 FWL  
NO OP. NAMED  
REC. 3/3/2015 (MCKEOWN)

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

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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.

047 25013 HH 2-19WH

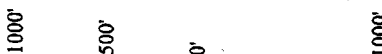
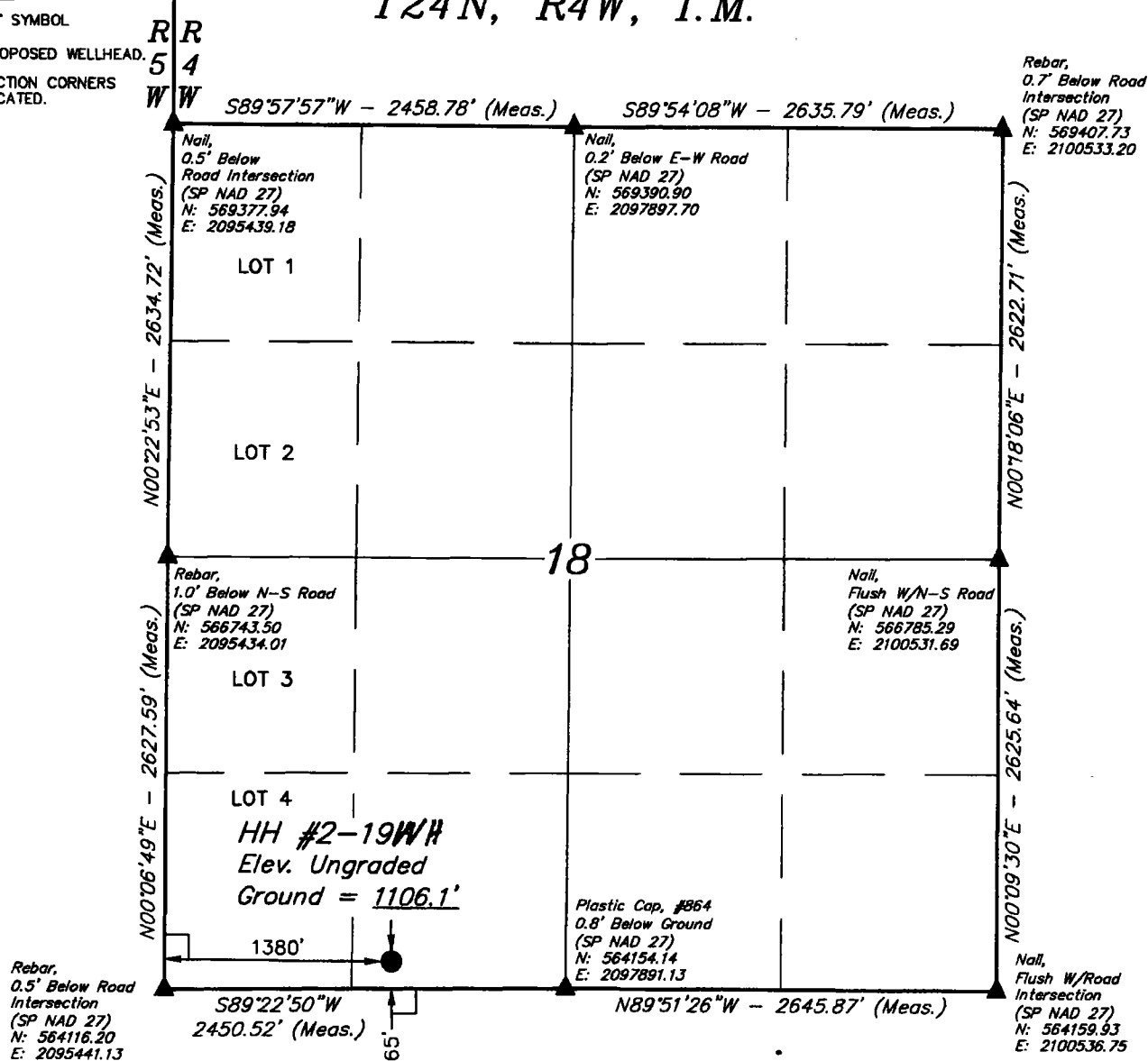
API - 047-25013

SE SW SE SW

# LEGEND:

- 90° SYMBOL
- PROPOSED WELLHEAD.
- SECTION CORNERS LOCATED.

T24N, R4W, I.M.



<b>NAD 83 (SURFACE LOCATION)</b>	
LATITUDE = 36°32'59.28" (36.549800)	
LONGITUDE = 97°40'14.59" (97.670719)	
<b>NAD 27 (SURFACE LOCATION)</b>	
LATITUDE = 36°32'59.16" (36.549767)	
LONGITUDE = 97°40'13.40" (97.670389)	
<b>STATE PLANE NAD 83 (NORTH)</b>	
N: 564328.44 E: 2065221.16	
<b>STATE PLANE NAD 27 (NORTH)</b>	
N: 564302.56 E: 2096820.46	

CERTIFICATE  
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  
REGISTERED LAND SURVEYOR  
REGISTRATION NO. 1822  
STATE OF OKLAHOMA  
10-08-14

**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, T24N, 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**

**HH #2-19H**  
**SE 1/4 SW 1/4, SECTION 18, T24N, R4W, I.M.**  
**GARFIELD COUNTY, OKLAHOMA**

SURVEYED BY: J.P., B.L.	SURVEY DATE: 09-30-14
DRAWN BY: S.F.	DATE DRAWN: 10-06-14
SCALE: 1" = 1000'	REVISED: 00-00-00

**WELL LOCATION PLAT**