

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

API NUMBER: 047 24981

Approval Date: 12/17/2014
Expiration Date: 06/17/2015

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 12 Twp: 24N Rge: 4W County: GARFIELD
SPOT LOCATION: NW NW NE NE FEET FROM QUARTER: FROM NORTH FROM EAST
SECTION LINES: 165 1100

Lease Name: BERKENBILE Well No: 2-12H 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

WALTER JENKINS & PATRICIA JENKINS, TRUSTEES
5801 N. OAKWOOD NO. E-307
ENID OK 73703

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

Name	Depth	Name	Depth
1 MISSISSIPPIAN	5500	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 619813 Location Exception Orders: 633424 Increased Density Orders: 633214

Pending CD Numbers: Special Orders:

Total Depth: 10300 Ground Elevation: 1090 **Surface Casing: 290** Depth to base of Treatable Water-Bearing FM: 240

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 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: 14-29129
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 24N Rge 4W County GARFIELD

Spot Location of End Point: SW SW SE SE

Feet From: SOUTH 1/4 Section Line: 150

Feet From: EAST 1/4 Section Line: 1100

Depth of Deviation: 5214

Radius of Turn: 636

Direction: 180

Total Length: 4087

Measured Total Depth: 10300

True Vertical Depth: 5850

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

Notes:

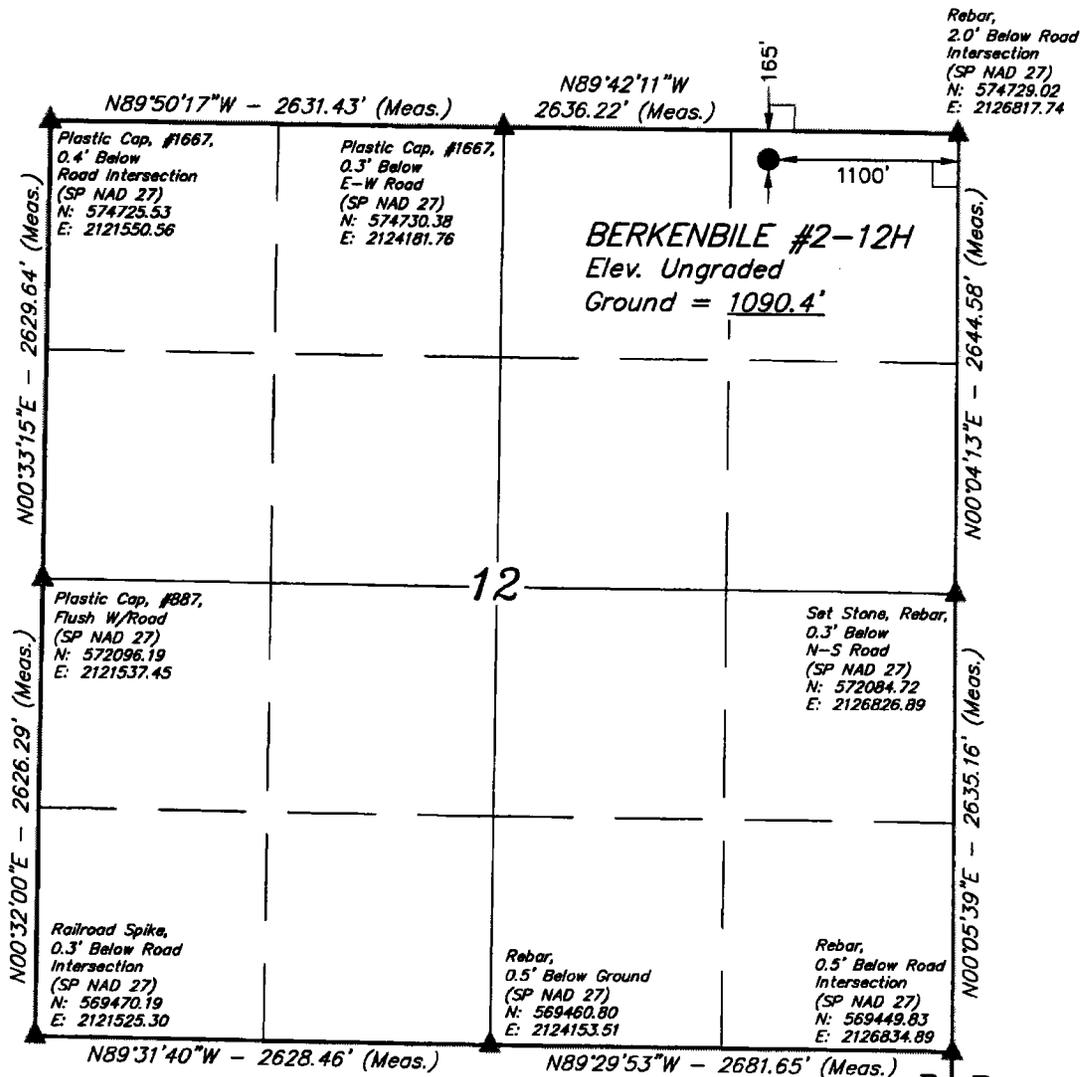
Category	Description
INCREASED DENSITY - 633214	12/17/2014 - G75 - 12-24N-4W X619813 MSSP 2 WELLS SK PLYMOUTH, LLC 11-19-2014
LOCATION EXCEPTION - 633424	12/17/2014 - G75 - (I.O.) 12-24N-4W X619813 MSSP SHL NCT 165 FNL, NCT 660 FEL FIRST PERF NCT 150 FNL, NCT 660 FEL LAST PERF NCT 150 FSL, NCT 660 FEL BHL NCT 150 FSL, NCT 660 FEL SK PLYMOUTH, L.L.C. 11-24-2014
SPACING - 619813	12/17/2014 - G75 - (640)(HOR) 12-24N-4W EST MSSP, OTHER POE TO BHL NCT 660' FB

NW NW NE NE

LEGEND:

- └─ = 90° SYMBOL
- = PROPOSED WELLHEAD.
- ▲ = SECTION CORNERS LOCATED.

T24N, R4W, I.M. API 047-24981



NAD 83 (SURFACE LOCATION)	
LATITUDE =	36°34'39.64" (36.577678)
LONGITUDE =	97°34'19.87" (97.572186)
NAD 27 (SURFACE LOCATION)	
LATITUDE =	36°34'39.53" (36.577647)
LONGITUDE =	97°34'18.69" (97.571858)
STATE PLANE NAD 83 (NORTH)	
N:	574590.78 E: 2094119.24
STATE PLANE NAD 27 (NORTH)	
N:	574564.57 E: 2125718.43

CERTIFICATE OF PROFESSIONAL SURVEYOR
 THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM THE 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 BEARD
 REGISTERED LAND SURVEYOR
 REGISTRATION NO. 1827
 STATE OF OKLAHOMA

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, R4W, 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.

SK PLYMOUTH, LLC

BERKENBILE #2-12H
 NE 1/4 NE 1/4, SECTION 12, T24N, R4W, I.M.
 GARFIELD COUNTY, OKLAHOMA

SURVEYED BY: J.P., C.B.	SURVEY DATE: 09-22-14
DRAWN BY: S.F.	DATE DRAWN: 09-26-14
SCALE: 1" = 1000'	REVISED: 11-17-14

WELL LOCATION PLAT



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

