

API NUMBER: 047 25199 A

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

Approval Date: 05/03/2019
Expiration Date: 11/03/2020

Horizontal Hole Oil & Gas

Amend reason: CHANGE SHL AND UPDATE ORDERS

AMEND PERMIT TO DRILL

WELL LOCATION: Section: 08 Township: 23N Range: 5W County: GARFIELD

SPOT LOCATION: SW SW SW SW FEET FROM QUARTER: FROM SOUTH FROM WEST
SECTION LINES: 295 310

Lease Name: BETHANY Well No: 1-8H Well will be 295 feet from nearest unit or lease boundary.
Operator Name: SK PLYMOUTH LLC Telephone: 9185991800 OTC/OCC Number: 23485 0

SK PLYMOUTH LLC
11700 KATY FWY STE 900
HOUSTON, TX 77079-1222

MICHAEL D STRECK
1211 E. KEOWEE ROAD
KREMLIN OK 73753

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

Name	Code	Depth
1 MISSISSIPPIAN	359MSSP	6060

Spacing Orders: 698552

Location Exception Orders: 701337

Increased Density Orders: No Density Orders

Pending CD Numbers: No Pending

Special Orders: No Special Orders

Total Depth: 11005

Ground Elevation: 1156

Surface Casing: 470

Depth to base of Treatable Water-Bearing FM: 220

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

Approved Method for disposal of Drilling Fluids:

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 19-36541
H. CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST

PIT 1 INFORMATION

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 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

Section: 8 Township: 23N Range: 5W

Total Length: 4845

County: GARFIELD

Measured Total Depth: 10005

Spot Location of End Point: NE NW NW NW

True Vertical Depth: 6060

Feet From: NORTH 1/4 Section Line: 165

End Point Location from
Lease, Unit, or Property Line: 165

Feet From: WEST 1/4 Section Line: 405

NOTES:

This permit does not address the right of entry or settlement of surface damages.
The duration of this permit is 18 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
HYDRAULIC FRACTURING	<p>4/24/2019 - G71 - OCC 165:10-3-10 REQUIRES:</p> <p>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;</p> <p>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,</p> <p>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</p>
LOCATION EXCEPTION - (701337) 201901841	<p>1/14/2020 - GB1 - (I.O.) 8-23N-5W X698552 MSSP COMPL INT NCT 165' FNL, NCT 165' FSL, NCT 330' FWL SK PLYMOUTH, LLC 8/27/19</p>
SPACING - 698552	<p>1/14/2020 - GB1 - (640)(HOR) 8-23N-5W EST MSSP, OTHER COMPL. INT. (MSSP) NCT 660' FB (COEXIST SP # 128144 MSSLM, #143857 MISS)</p>

This permit does not address the right of entry or settlement of surface damages.
The duration of this permit is 18 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.

047 25199 BETHANY 1-8H



Well Location Plat - As-Drilled

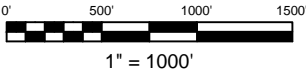
Sec. 8-23N-5W I.M.

Operator: SK PLYMOUTH
Lease Name and No.: BETHANY 1-8H
Footage: 295' FSL - 310' FWL Gr. Elevation: N/A
Section: 8 Township: 23N Range: 5W I.M.
County: Garfield State of Oklahoma
Terrain at Loc.: Location fell in a flat open field.

API 047-25199A

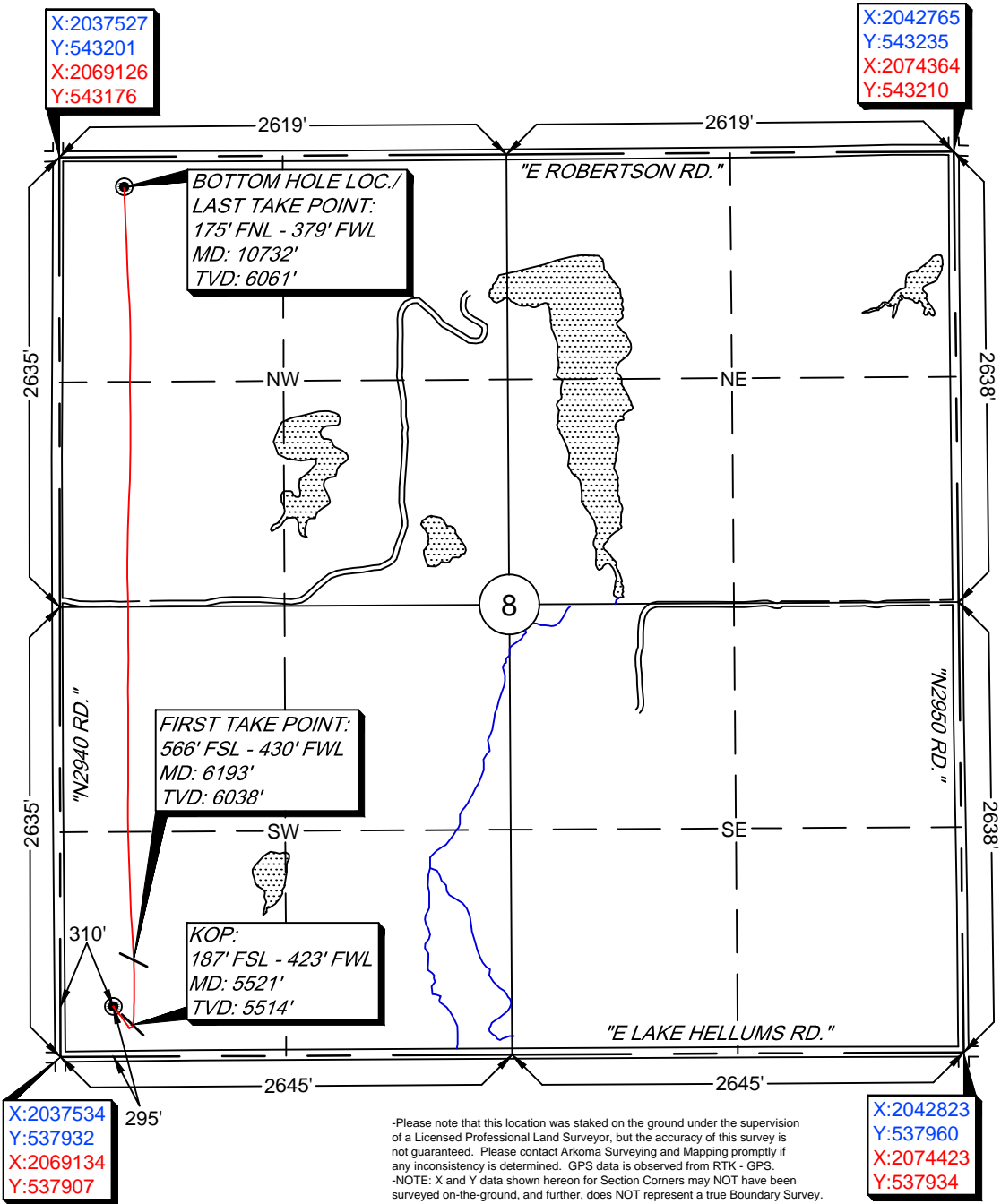


All bearings shown
are grid bearings.



GPS DATUM
NAD 83
NAD 27
OK NORTH ZONE

Surface Hole Loc.: Lat: 36°28'41.98"N Lon: 97°45'50.90"W Lat: 36.47832740 Lon: -97.76413999 X: 2037844 Y: 538229	KOP: Lat: 36°28'40.91"N Lon: 97°45'49.52"W Lat: 36.47803045 Lon: -97.76375606 X: 2037957 Y: 538121	First Take Point: Lat: 36°28'44.66"N Lon: 97°45'49.44"W Lat: 36.47907332 Lon: -97.76373197 X: 2037963 Y: 538501	Bottom Hole Loc./Last Take Point: Lat: 36°29'29.44"N Lon: 97°45'49.99"W Lat: 36.49151246 Lon: -97.76388719 X: 2037906 Y: 543029
Surface Hole Loc.: Lat: 36°28'41.86"N Lon: 97°45'49.71"W Lat: 36.47829512 Lon: -97.76380722 X: 2069443 Y: 538203	KOP: Lat: 36°28'40.79"N Lon: 97°45'48.32"W Lat: 36.47799817 Lon: -97.76342330 X: 2069556 Y: 538095	First Take Point: Lat: 36°28'44.55"N Lon: 97°45'48.24"W Lat: 36.47904124 Lon: -97.76339920 X: 2069562 Y: 538475	Bottom Hole Loc./Last Take Point: Lat: 36°29'29.33"N Lon: 97°45'48.80"W Lat: 36.49148038 Lon: -97.76355436 X: 2069506 Y: 543003



-Please note that this location was staked on the ground under the supervision of a Licensed Professional Land Surveyor, but the accuracy of this survey is not guaranteed. Please contact Arkoma Surveying and Mapping 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.

Survey and plat by:
Arkoma Surveying and Mapping, PLLC
P.O. Box 238 Wilburton, OK 74578
Ph. 918-465-5711 Fax 918-465-5030
Certificate of Authorization No. 5348
Expires June 30, 2020

Invoice #8546-E-AD
Date Staked: 05/01/19 By: B.A.
Date Drawn: 06/27/19 By: R.S.
Revised FTP & LTP: 01/24/2020 By: J.C.
Revised FTP: 01/28/2020 By: K.M.
Revised FTP & LTP/BHL: 02/22/2020 By: S.S.

Certification:
This is to certify that this Well Location Plat represents the results of a survey made on the ground performed under the supervision of the undersigned.


LANCE G. MATHIS
02/25/20
OK LPLS 1664

