

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

API NUMBER: 063 24897 A

Approval Date: 05/31/2019  
Expiration Date: 11/30/2020

Horizontal Hole Oil & Gas  
Multi Unit

Amend reason: CHANGE TO MULTIUNIT HORIZONTAL OIL/GAS  
WELL; CHANGE WELL NUMBER, FORMATION DEPTH &  
GROUND ELEVATION

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 22 Twp: 6N Rge: 11E County: HUGHES  
SPOT LOCATION: ☐ SE ☐ SE ☐ SE ☐ SW FEET FROM QUARTER: FROM SOUTH FROM WEST  
SECTION LINES: 182 2496

Lease Name: BONELL Well No: 4-27/34H Well will be 182 feet from nearest unit or lease boundary.  
Operator Name: CANYON CREEK ENERGY ARKOMA LLC Telephone: 9187794949 OTC/OCC Number: 24379 0

CANYON CREEK ENERGY ARKOMA LLC  
2431 E 61ST ST STE 400  
TULSA, OK 74136-1237

D & D HUGHES, LLC  
2601 PIONEER LANE  
MOORE OK 73160

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

Name	Depth	Name	Depth
1 WOODFORD	6295	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 679022  
679023

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201902989  
201902990  
201902992  
201902991

Special Orders:

Total Depth: 17212 Ground Elevation: 779 Surface Casing: 350 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: ON SITE  
Type of Mud System: AIR

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: 4

Liner not required for Category: 4

Pit Location is BED AQUIFER

Pit Location Formation: SENORA

Mud System Change to Water-Based or Oil-Based Mud Requires an Amended Intent (Form 1000).

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

F. Haul to Commercial soil farming facility: Sec. 14 Twn. 7N Rng. 9E Cnty. 63 Order No: 551649

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: 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 located in a Hydrologically Sensitive Area.

**Category of Pit: C**

**Liner not required for Category: C**

Pit Location is BED AQUIFER

Pit Location Formation: SENORA

#### PIT 3 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 located in a Hydrologically Sensitive Area.

**Category of Pit: C**

**Liner not required for Category: C**

Pit Location is BED AQUIFER

Pit Location Formation: SENORA

#### HORIZONTAL HOLE 1

Sec 34 Twp 6N Rge 11E County HUGHES

Spot Location of End Point: S2 S2 SE SE

Feet From: SOUTH 1/4 Section Line: 165

Feet From: EAST 1/4 Section Line: 660

Depth of Deviation: 6084

Radius of Turn: 573

Direction: 165

Total Length: 10228

Measured Total Depth: 17212

True Vertical Depth: 6358

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

Notes:

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.

063 24897 BONELL 4-27/34H

Category	Description
HYDRAULIC FRACTURING	<p>6/3/2019 - 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: <a href="http://OCCEWEB.COM/OG/OGFORMS.HTML">OCCEWEB.COM/OG/OGFORMS.HTML</a>; 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: <a href="http://FRACFOCUS.ORG">FRACFOCUS.ORG</a></p>
MEMO	<p>5/30/2019 - G71 - PIT 2 &amp; 3 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST; PIT 3 - OBM TO VENDOR, OBM CUTTINGS PER DISTRICT</p>
PENDING CD - 201902989	<p>6/14/2019 - G75 - (I.O.) 27 &amp; 34-6N-11E  EST MULTIUNIT HORIZONTAL WELL  X679022 WDFD, OTHER 27-6N-11E  X679023 WDFD, OTHER 34-6N-11E  50% 27-6N-11E  50% 34-6N-11E  NO OP. NAMED  REC 6-17-2019 (JOHNSON)</p>
PENDING CD - 201902990	<p>6/14/2019 - G75 - (I.O.) 27 &amp; 34-6N-11E  X679022 WDFD, OTHER 27-6N-11E  X679023 WDFD, OTHER 34-6N-11E  COMPL. INT. (27-6N-11E) NCT 165' FNL, NCT 0' FSL, NCT 660' FEL  COMPL. INT. (34-6N-11E) NCT 0' FNL, NCT 165' FSL, NCT 660' FEL  NO OP. NAMED  REC 6-17-2019 (JOHNSON)</p>
PENDING CD - 201902991	<p>6/14/2019 - G75 - 27-6N-11E  X679022 WDFD  3 WELLS  NO OP. NAMED  REC 6-17-2019 (JOHNSON)</p>
PENDING CD - 201902992	<p>6/14/2019 - G75 - 34-6N-11E  X679023 WDFD  3 WELLS  NO OP. NAMED  REC 6-17-2019 (JOHNSON)</p>
SPACING - 679022	<p>6/14/2019 - G75 - (640)(HOR) 27-6N-11E  EST WDFD, OTHER  COMPL. INT. NLT 165' FNL &amp; FSL, NLT 330' FEL &amp; FWL  (COEXIST SP. ORDER # 503720 WDFD)</p>
SPACING - 679023	<p>6/14/2019 - G75 - (640)(HOR) 34-6N-11E  EST WDFD, OTHER  COMPL. INT. NLT 165' FNL &amp; FSL, NLT 330' FEL &amp; FWL  (COEXIST SP. ORDER # 540027 WDFD)</p>

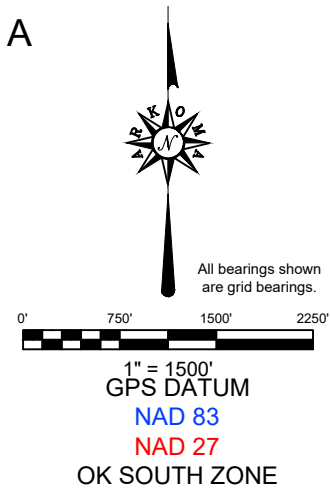


# Well Location Plat

S.H.L. Sec. 22-6N-11E I.M.  
B.H.L. Sec. 34-6N-11E I.M.

Operator: CANYON CREEK ENERGY  
Lease Name and No.: BONELL 4-27-34H  
Footage: 182' FSL - 2496' FWL Gr. Elevation: 779'  
Section: 22 Township: 6N Range: 11E I.M.  
County: Hughes State of Oklahoma  
Terrain at Loc.: Location fell in a pasture on the West side of an existing lease road sloping down to the West.

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Surface Hole Loc.:  
Lat: 34°58'16.73"N  
Lon: 96°08'00.47"W  
Lat: 34.97131343  
Lon: -96.13346353  
X: 2527670  
Y: 601274

Surface Hole Loc.:  
Lat: 34°58'16.40"N  
Lon: 96°07'59.46"W  
Lat: 34.97122257  
Lon: -96.13318264  
X: 2559268  
Y: 601225

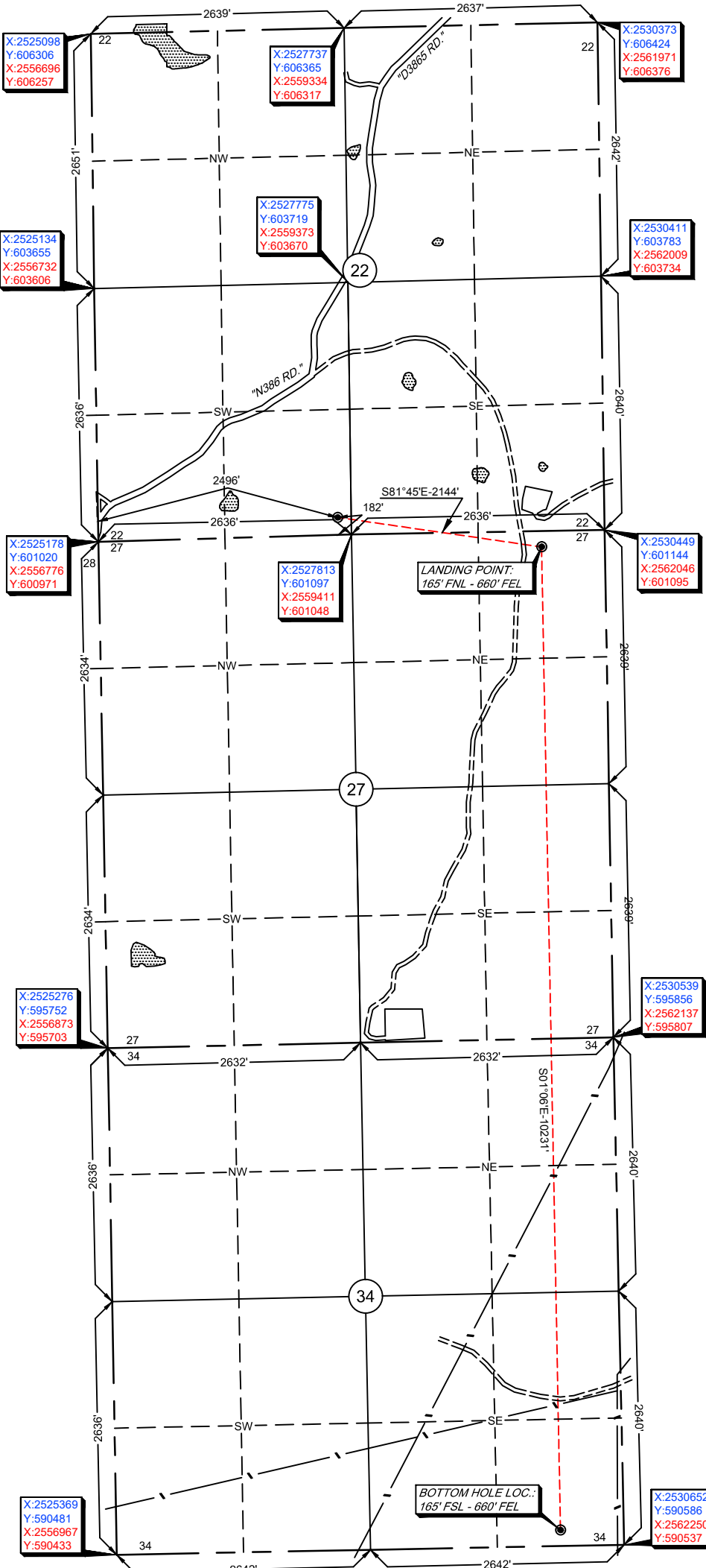
Landing Point:  
Lat: 34°58'13.30"N  
Lon: 96°07'35.05"W  
Lat: 34.97036172  
Lon: -96.12640210  
X: 2529792  
Y: 600967

Landing Point:  
Lat: 34°58'12.97"N  
Lon: 96°07'34.04"W  
Lat: 34.97027076  
Lon: -96.12612141  
X: 2561389  
Y: 600918

Bottom Hole Loc.:  
Lat: 34°56'32.10"N  
Lon: 96°07'34.96"W  
Lat: 34.94225117  
Lon: -96.12637766  
X: 2529989  
Y: 590738

Bottom Hole Loc.:  
Lat: 34°56'31.78"N  
Lon: 96°07'33.95"W  
Lat: 34.94215984  
Lon: -96.12609735  
X: 2561586  
Y: 590689

-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

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.

Invoice #8488-B-C  
Date Staked: 05/23/19 By: D.K.  
Date Drawn: 05/24/19 By: E.W.  
Added LP & BHL: 06/04/19 By: E.W.

LANCE G. MATHIS 06/04/19  
OK LPLS 1664

