

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

API NUMBER: 063 24786 A

Approval Date: 04/20/2018

Expiration Date: 10/20/2018

Horizontal Hole Oil & Gas

Amend reason: AMENDING TO HZ HOLE AND ALSO AMENDING
WELL NUMBER.

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 22 Twp: 6N Rge: 11E County: HUGHES

SPOT LOCATION: FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 240 439

Lease Name: BONELL

Well No: 1-27/34H

Well will be 240 feet from nearest unit or lease boundary.

Operator Name: CANYON CREEK ENERGY OPERATING LLC

Telephone: 9185616737

OTC/OCC Number: 23443 0

CANYON CREEK ENERGY OPERATING 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	MISSISSIPPIAN	5790	6	
2	WOODFORD	6150	7	
3			8	
4			9	
5			10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201803335
201803336
201803337
201803338

Special Orders:

Total Depth: 16495

Ground Elevation: 771

Surface Casing: 1000

Depth to base of Treatable Water-Bearing FM: 170

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: 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).

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 SW SW

Feet From: SOUTH 1/4 Section Line: 50

Feet From: WEST 1/4 Section Line: 660

Depth of Deviation: 5600

Radius of Turn: 708

Direction: 175

Total Length: 9783

Measured Total Depth: 16495

True Vertical Depth: 6170

End Point Location from Lease,

Unit, or Property Line: 50

Notes:

Category

Description

DEEP SURFACE CASING

4/20/2018 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING

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 24786 BONELL 1-27/34H

Category	Description
HYDRAULIC FRACTURING	<p>6/8/2018 - 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: OCCEWEB.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>
MEMO	<p>4/20/2018 - G71 - PITS 2 & 3 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 3 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT</p>
PENDING CD - 201803337	<p>6/15/2018 - G58 - (I.O.) 27 & 34-6N-11E EST MULTIUNIT HORIZONTAL WELL X679022 MSSP, WDFD 27-6N-11E X679023 MSSP, WDFD 34-6N-11E (MSSP IS ADJACENT COMMON SOURCE OF SUPPLY TO WDFD) 50% 27-6N-11E 50% 34-6N-11E NO OP. NAMED REC 5/14/2018 (DUNN)</p>
PENDING CD - 201803338	<p>6/15/2018 - G58 - (I.O.) 27 & 34-6N-11E X679022 MSSP, WDFD 27-6N-11E X679023 MSSP, WDFD 34-6N-11E COMPL. INT. (27-6N-11E) NCT 0' FSL, NCT 165' FNL, NCT 330' FWL COMPL. INT. (34-6N-11E) NCT 0' FNL, NCT 165' FSL, NCT 330' FWL NO OP. NAMED REC 5/14/2018 (DUNN)</p>
SPACING - 679022	<p>6/15/2018 - G58 - (640)(HOR) 27-6N-11E EST MSSP, WDFD COMPL. INT. (MSSP) NLT 660' FB COMPL. INT. (WDFD) NLT 165' FNL & FSL, NLT 330' FEL & FWL (COEXIST SP. ORDER 503720 MSSP, WDFD)</p>
SPACING - 679023	<p>6/15/2018 - G58 - (640)(HOR) 34-6N-11E EST MSSP, WDFD COMPL. INT. (MSSP) NLT 660' FB COMPL. INT. (WDFD) NLT 165' FNL & FSL, NLT 330' FEL & FWL (COEXIST SP. ORDER 54027 MSSP, WDFD)</p>

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.

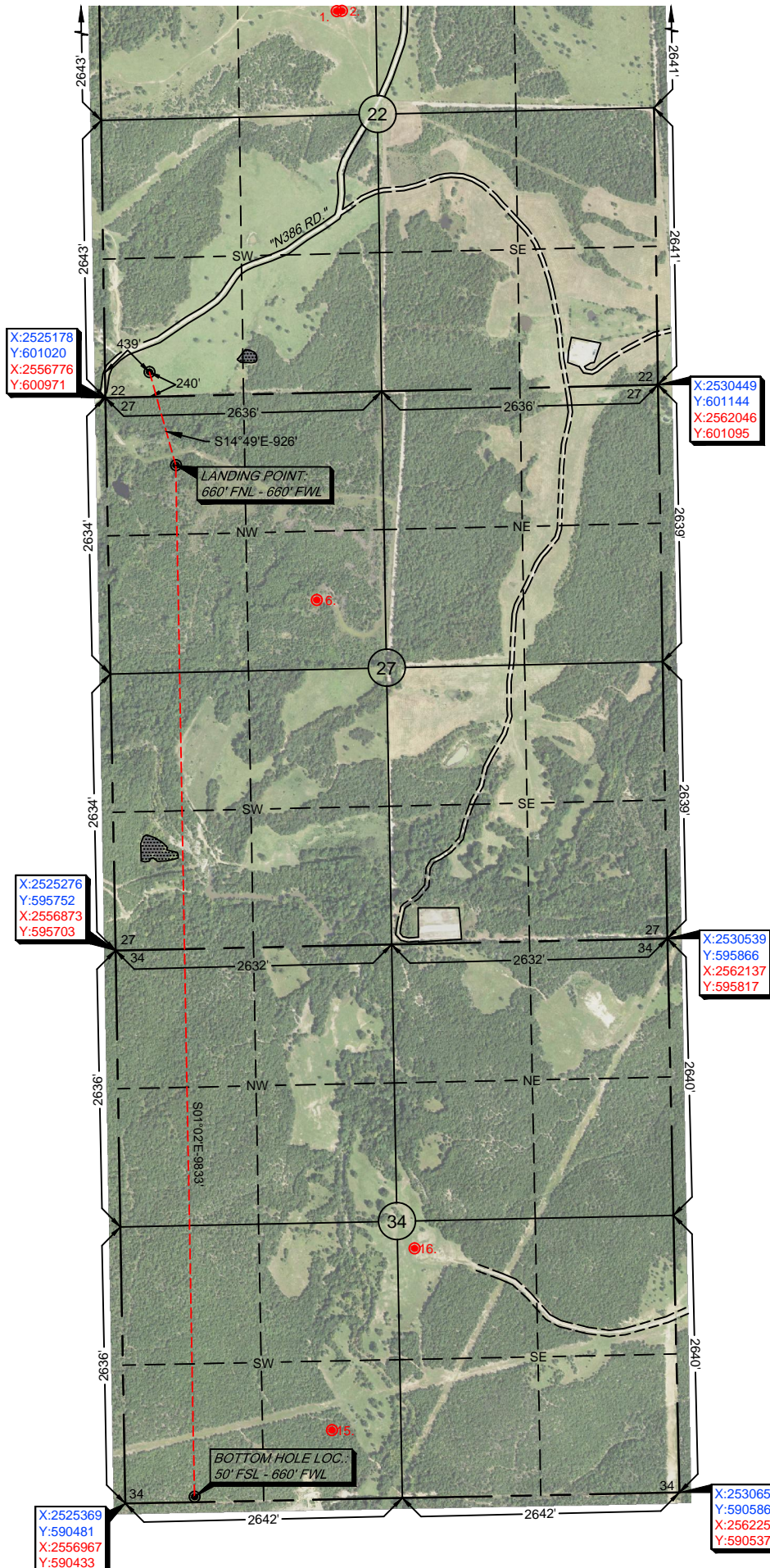
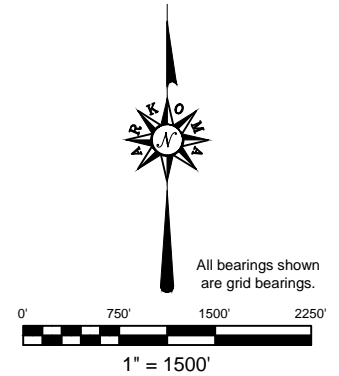
Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.



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.: TBD 1-27/34H
Footage: 240' FSL - 439' FWL Gr. Elevation: 771' 063-24786
Section: 22 Township: 6N Range: 11E I.M.
County: Hughes State of Oklahoma
Terrain at Loc.: Location fell in a pasture.



GPS DATUM
NAD 83
NAD 27
OK SOUTH ZONE

Surface Hole Loc.:
Lat: 34°58'17.07"N
Lon: 96°08'25.18"W
X: 2525613
Y: 601270

Surface Hole Loc.:
Lat: 34°58'16.74"N
Lon: 96°08'24.17"W
X: 2557211
Y: 601222

Landing Point:
Lat: 34°58'08.17"N
Lon: 96°08'22.53"W
X: 2525850
Y: 600375

Landing Point:
Lat: 34°58'07.85"N
Lon: 96°08'21.52"W
X: 2557448
Y: 600327

Bottom Hole Loc.:
Lat: 34°56'30.92"N
Lon: 96°08'22.57"W
X: 2526028
Y: 590544

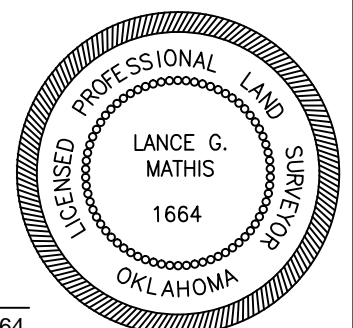
Bottom Hole Loc.:
Lat: 34°56'30.59"N
Lon: 96°08'21.56"W
X: 2557625
Y: 590496

-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, 2018

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.

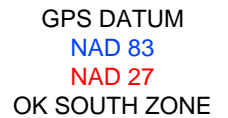
LANCE G. MATHIS
XX/XX/XX
OK LPLS 1664



Invoice #7656-A
Date Staked: 03/01/18 By: D.A.
Date Drawn: 03/06/18 By: K.B.

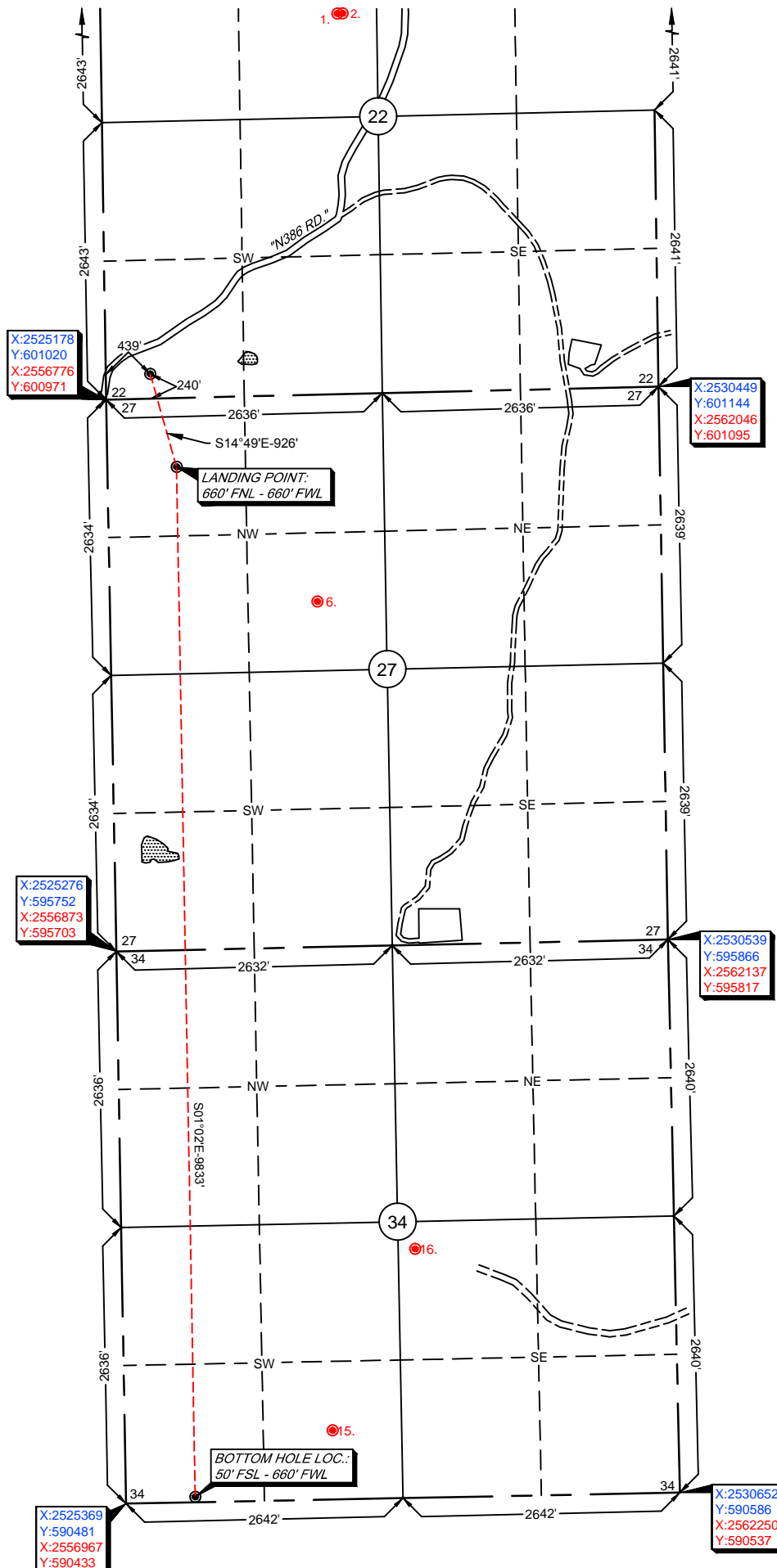


Operator: CANYON CREEK ENERGY
Lease Name and No.: TBD 1-27/34H
Footage: 240' FSL - 439' FWL Gr. Elevation: 771'
Section: 22 Township: 6N Range: 11E I.M.
County: Hughes State of Oklahoma
Terrain at Loc.: Location fell in a pasture.



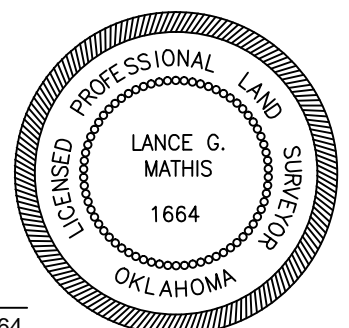
Bottom Hole Loc.:
Lat: 34°56'30.59"N
Lon: 96°08'21.56"W
X: 2557625
Y: 590496

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 only as good as the data used to locate the stake. If the accuracy of the survey is any, inaccuracy is determined. GPS data is obtained from RTK - GPS. NOTE: X and Y data shown hereafter 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 hereof, and may not have been measured on-the-ground, and further, does not represent a true boundary survey.



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.

 XX/XX/XX
LANCE G. MATHIS OK LPLS 1664





Anti-Collision Info

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.: TBD 1-27/34H
Footage: 240' FSL - 439' FWL Gr. Elevation: 771'
Section: 22 Township: 6N Range: 11E I.M.
Landing Point: 660' FNL - 660' FWL
Section: 27 Township: 6N Range: 11E I.M.
Bottom Hole Location: 50' FSL - 660' FWL
Section: 34 Township: 6N Range: 11E I.M.
County: Hughes State of Oklahoma

SECTION 22-6N-11E

1. AMERICAN ENERGY CORP. FARRELL 1 990' FSL - 2260' FWL (NW/4) OCC STATUS: AC	2. FAIN-PORTER PRODUCTION FARRELL 1 990' FSL - 2310' FEL (NW/4) OCC STATUS: AC	3. XTO ENERGY INC. KENDRICK 1-22H 1246' FNL - 735' FEL (NE/4) OCC STATUS: AC
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SECTION 27-6N-11E

6. OTC/OCC NA WOODALL 1 660' FSL - 1980' FWL (NW/4) OCC STATUS: PA

SECTION 34-6N-11E

15. OTC/OCC NA MARKHAM ANGELINE 1 CSE4-SW4 OCC STATUS: PA	16. FAITH PRODUCTION LLC LEX 1-34 2375' FSL - 2475' FEL (SE/4) OCC STATUS: AC
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Expires June 30, 2018

Invoice #7656-A

Date Staked: 03/01/18 By: D.A.
Date Drawn: 03/06/18 By: K.B.

PLEASE NOTE

EXISTING WELL DATA SHOWN HEREON WAS
FURNISHED FROM THE OCC WEBSITE AND WAS NOT
SURVEYED OR VERIFIED ON THE GROUND



**CANYON
CREEK
ENERGY**

X & Y Data Sheet

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

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

Operator: CANYON CREEK ENERGY

Lease Name and No.: TBD 1-27/34H

Footage: 240' FSL - 439' FWL Gr. Elevation: 771'

Section: 22 Township: 6N Range: 11E I.M.

Landing Point: 660' FNL - 660' FWL

Section: 27 Township: 6N Range: 11E I.M.

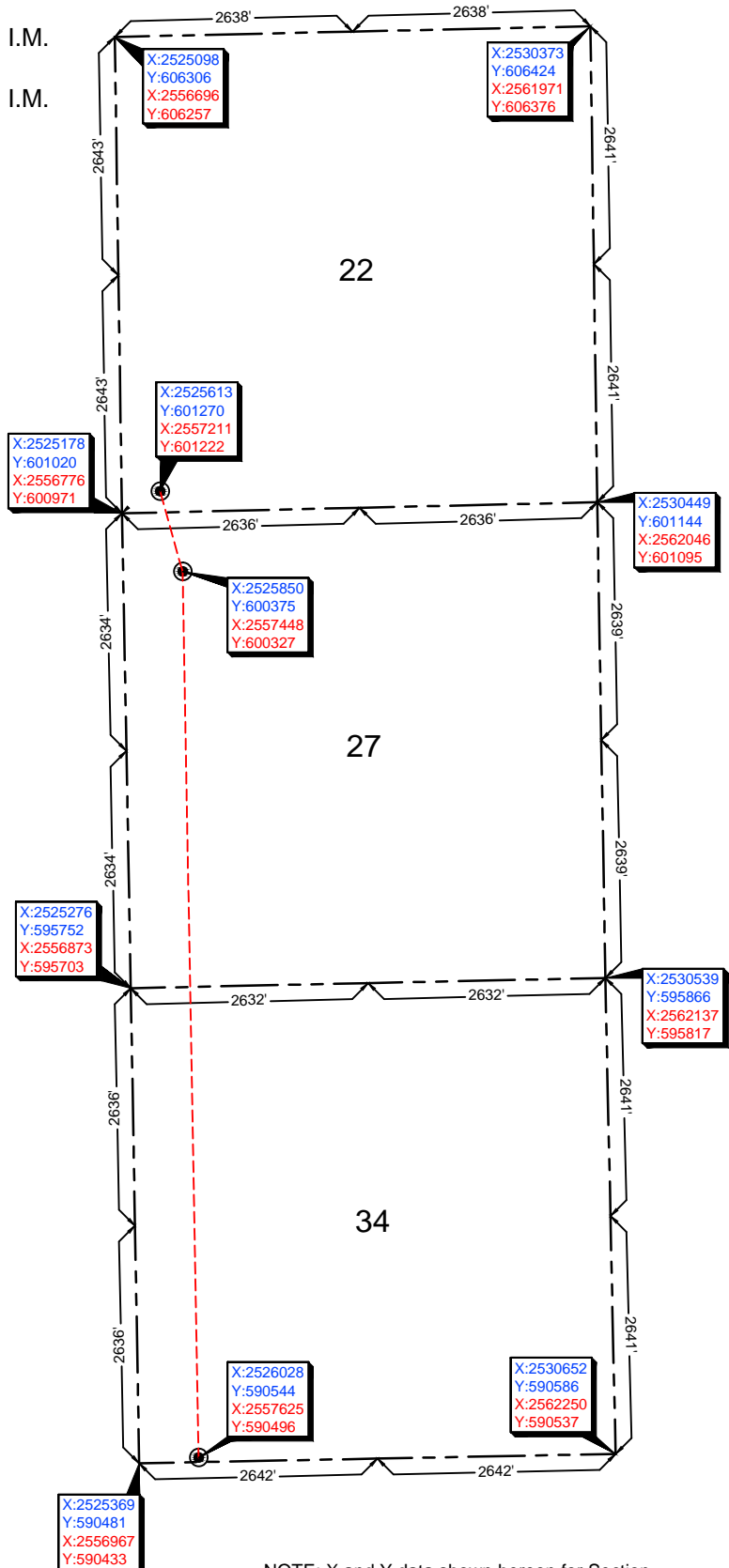
Bottom Hole Location: 50' FSL - 660' FWL

Section: 34 Township: 6N Range: 11E I.M.

County: Hughes State of Oklahoma



NO SCALE
GPS DATUM
NAD 83
NAD 27
OK SOUTH ZONE



Provided 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
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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.



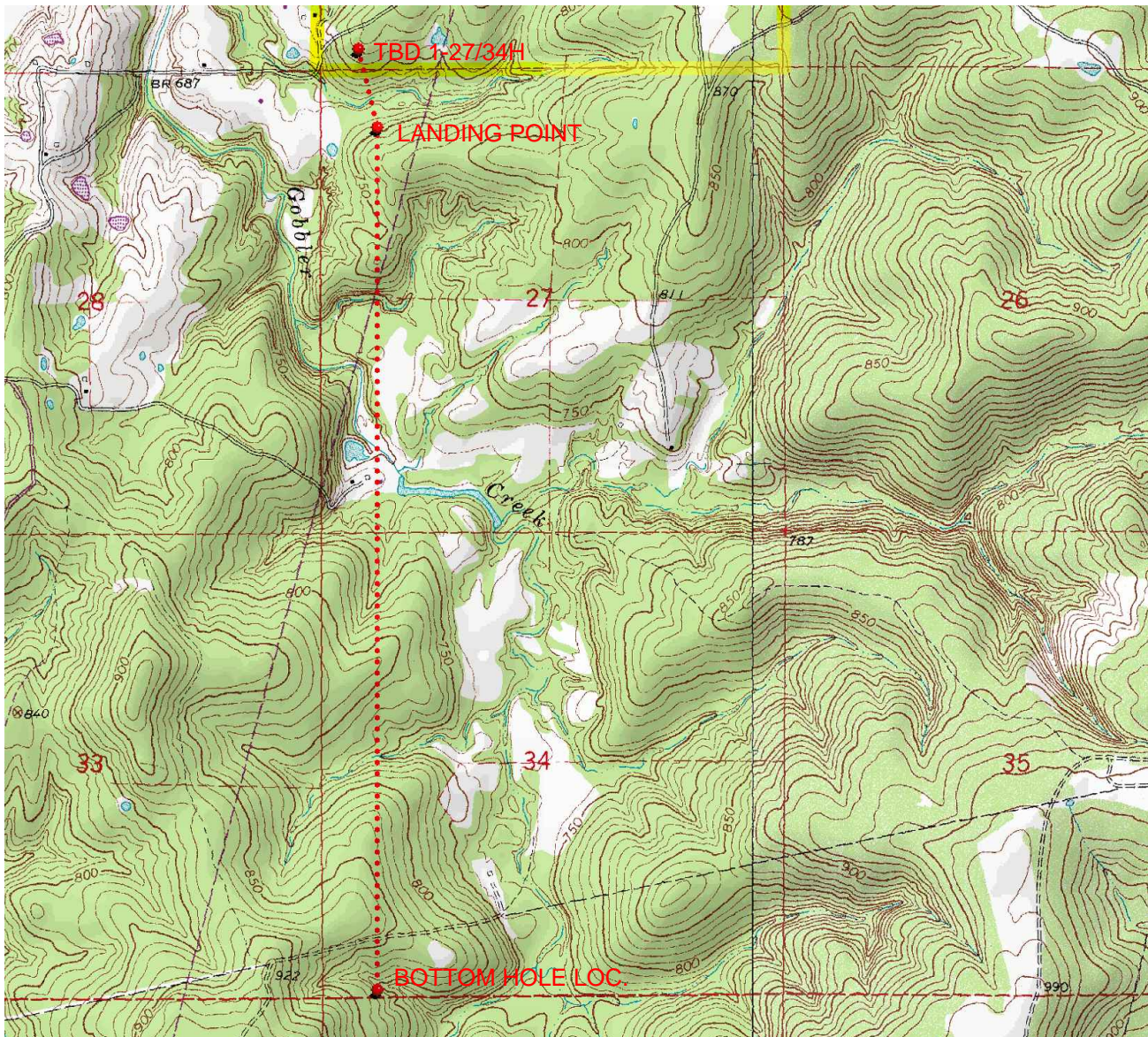
Topographic Vicinity Map

Operator: CANYON CREEK ENERGY
Lease Name and No.: TBD 1-27/34H
Surface Hole Location: 240' FSL - 439' FWL
Sec. 22 Twp. 6N Rng. 11E I.M.
Landing Point: 660' FNL - 660' FWL
Sec. 27 Twp. 6N Rng. 11E I.M.
Bottom Hole Location: 50' FSL - 660' FWL
Sec. 34 Twp. 6N Rng. 11E I.M.
County: Hughes State of Oklahoma



Scale 1" = 2000'
Contour Interval: 10'

Ground Elevation at Surface Hole Location: 771'



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Certificate of Authorization No. 5348
Expires June 30, 2018

Date Staked: 03/01/18

The purpose of this map is to verify the location and elevation as staked on the ground and to show the surrounding Topographic features. The footage shown hereon is only as SCALED onto a U.S.G.S. Topographic Map.

Please note that this location was staked carefully 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.

County Highway Vicinity Map



Job #: 7656-A

Operator: CANYON CREEK ENERGY

Lease Name and No.: **TBD 1-27/34H**

Accessibility: From the South.

Directions: From the junction of US HWY 75 & US HWY 270 in the town of Calvin, OK, go 4.2 miles East on US HWY 270, 2.2 miles North on "D 3838 RD.", 0.5 miles East on "EW 1416 RD.", 0.8 miles North & East on "D 3838 RD.", continue East on "D 3838 RD." to "EW 141 RD." for 0.4 miles, then go 0.1 miles North on "EW 141 RD." to "N 3860 RD." to the Southwest Quarter of Section 22-6N-11E on the South side of the road.

1 inch = 1 mile

provided by:
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