

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

API NUMBER: 051 24436

Approval Date: 08/13/2018

Expiration Date: 02/13/2019

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 18 Twp: 6N Rge: 7W

County: GRADY

SPOT LOCATION: ☐ SW ☐ SE ☐ NE ☐ SW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 1600 2000

Lease Name: DOBIE 18/7

Well No: 1HXL

Well will be 1600 feet from nearest unit or lease boundary.

Operator Name: UNIT PETROLEUM COMPANY

Telephone: 9184937700; 9184937

OTC/OCC Number: 16711 0

UNIT PETROLEUM COMPANY  
PO BOX 702500  
TULSA, OK 74170-2500

GEORGE H. THOMAS III, ET AL  
PO BOX 744  
CHICKASHA OK 73023

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

Name	Depth	Name	Depth
1 HOXBAR	10840	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 631466  
627162

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201805009  
201805008  
201805007

Special Orders:

Total Depth: 19370

Ground Elevation: 1268

Surface Casing: 1985

Depth to base of Treatable Water-Bearing FM: 680

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: No

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: 5000 Average: 3000

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: MARLOW

D. One time land application -- (REQUIRES PERMIT)

PERMIT NO: 18-34477

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: 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: MARLOW

HORIZONTAL HOLE 1

Sec 07 Twp 6N Rge 7W County GRADY

Spot Location of End Point: NW NE NE NW

Feet From: NORTH 1/4 Section Line: 165

Feet From: WEST 1/4 Section Line: 2100

Depth of Deviation: 9590

Radius of Turn: 477

Direction: 359

Total Length: 9031

Measured Total Depth: 19370

True Vertical Depth: 10840

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

Notes:

Category

Description

DEEP SURFACE CASING

6/29/2018 - 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

HYDRAULIC FRACTURING

6/29/2018 - G71 - OCC 165:10-3-10 REQUIRES:

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;

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](http://OCCEWEB.COM/OG/OGFORMS.HTML); AND,

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](http://FRACFOCUS.ORG)

MEMO

6/29/2018 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

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.

051 24436 DOBIE 18/7 1HXL

Category	Description
PENDING CD - 201805007	<p>7/12/2018 - G58 - (I.O.) 7 &amp; 18-6N-7W  EST MULTIUNIT HORIZONTAL WELL  X627162 HXBR 7-6N-7W**  X631466 HXBR 18-6N-7W  40% 18-6N-7W  60% 7-6N-7W  NO OP. NAMED  REC 8/7/2018 (DUNN)</p> <p>**THIS ORDER NEEDS TO BE CORRECTED AND WILL THEREFORE NEED TO BE CORRECTED ON THIS MU APPLICATION</p>
PENDING CD - 201805008	<p>7/12/2018 - G58 - (I.O.) 7 &amp; 18-6N-7W  X627162 HXBR 7-6N-7W**  X631466 HXBR 18-6N-7W  COMP. INT. (18-6N-7W) NCT 0' FNL, NCT 1700' FSL, NCT 1500' FWL  COMP. INT. (7-6N-7W) NCT 0' FSL, NCT 165' FSL, NCT 1500' FWL  NO OP. NAMED  REC 8/7/2018 (DUNN)</p> <p>**THIS ORDER NEEDS TO BE CORRECTED AND WILL THEREFORE NEED TO BE CORRECTED ON THIS LE APPLICATION; WILL BE CORRECTED PER ATTORNEY FOR OP</p>
PENDING CD - 201805009	<p>7/12/2018 - G58 - 18-6N-7W  X631466 HXBR  1 WELL  NO OP. NAMED  REC 7/27/2018 (DUNN)</p>
PENDING CD - 201805682	<p>8/13/2018 - G58 - AMENDS 627162 TO VAC 206108 HXBRU, WADEU, WADEL, MDRN &amp; VAC 83677 MRCD. THIS IS TO CORRECT AN ISSUE FOUND WITH ORDER 627162 TO CORRECT CONFLICT OF NOMENCLATURE OF SPACING FOR THE HXBR  REC 8/7/2018 (DUNN)</p>
SPACING - 627162	<p>7/12/2018 - G58 - (640)(HOR) 7-6N-7W  VAC 206108 OTHERS  VAC 206108/620809 HXBR**  EST OTHERS  EXT 624551 HXBR  COMPL. INT. NLT 660' FB</p> <p>**206108 IS NOT AMENDED BY 620809 SO HXBR IS NOT SPACED. THIS ORDER (627162) SHOULD COEXIST THE MEMBERS OF THE HXBR SPACED BY 83677 &amp; 206108 OR VACATE THEM.</p>
SPACING - 631466	<p>7/12/2018 - G58 - (640)(HOR) 18-6N-7W  EXT 627162 HXBR, OTHER  COMPL. INT. NLT 660' FB  (COEXIST SP. ORDER 340796 HXBRL, HXBRU; COEXIST SP. ORDER 169385 OTHER)</p>

Sections 7 & 18, T 6 N, R 7 W.I.M.,  
Grady County, Oklahoma.

Surface Hole Location

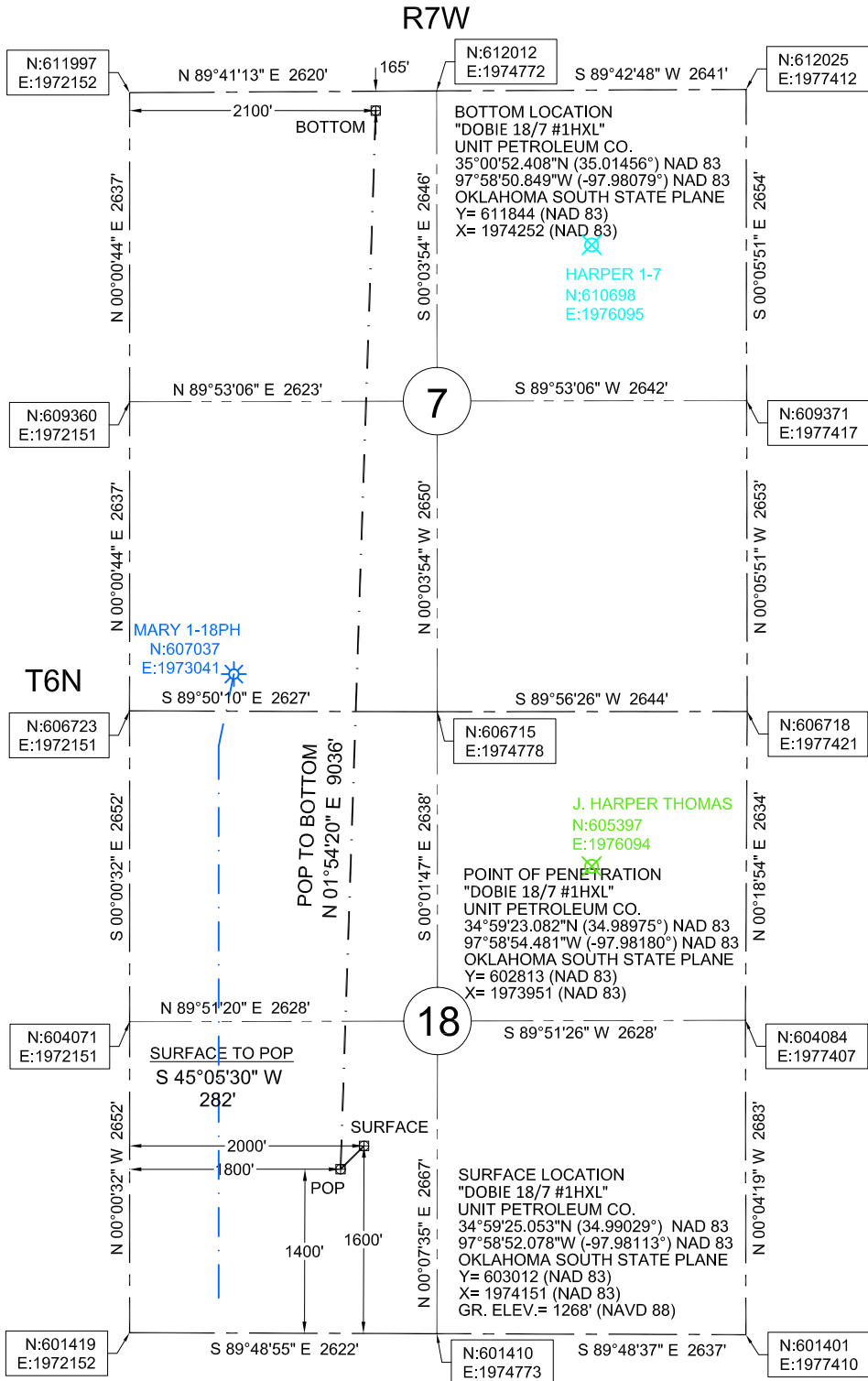
"Dobie 18/7 #1HXL" situated 1600 feet from the south section line and 2000 feet from the west section line of Section 18, T 6 N, R 7 W.I.M., Grady County, Oklahoma.

Point of Penetration

"Dobie 18/7 #1HXL" situated 1400 feet from the south section line and 1800 feet from the west section line of Section 18, T 6 N, R 7 W.I.M., Grady County, Oklahoma.

Bottom Location

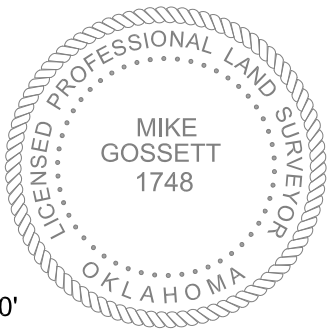
"Dobie 18/7 #1HXL" situated 165 feet from the north section line and 2100 feet from the west section line of Section 7, T 6 N, R 7 W.I.M., Grady County, Oklahoma.



Datum: NAD 83  
Units: US Survey Feet  
North: Grid  
Coordinates: State Plane  
Zone: 3502  
State: Oklahoma  
Region: South



LEGEND	
	PLUGGED WELL
	EXISTING WELL
	SECTION LINE
	1/4 SECTION LINE
	PROPOSED LATERAL
	EXISTING LATERAL



- REVISIONS:** 03-16-2018  
**MOVED SURFACE 100'**
- NOTES:**
1. EXISTING WELL COORDINATES ARE FROM THE OCC WEB SITE AND WERE NOT FIELD LOCATED.
  2. UTILITIES SHOWN HEREON ARE FROM OBSERVED EVIDENCE IN THE FIELD.
  3. THIS SURVEY IS FOR A WELL LOCATION EXHIBIT ONLY. NOT TO BE USED AS A BOUNDARY SURVEY.
  4. DATE OF LAST SITE VISIT: 03-15-2017

REVISIONS: 03-16-2018	DRAWN BY: C.M.G.	JOB: 024-18	DATE OF PLAT: 03-16-2018	SCALE: 1"=1500'	SHEET: 1 OF 4
-----------------------	------------------	-------------	--------------------------	-----------------	---------------

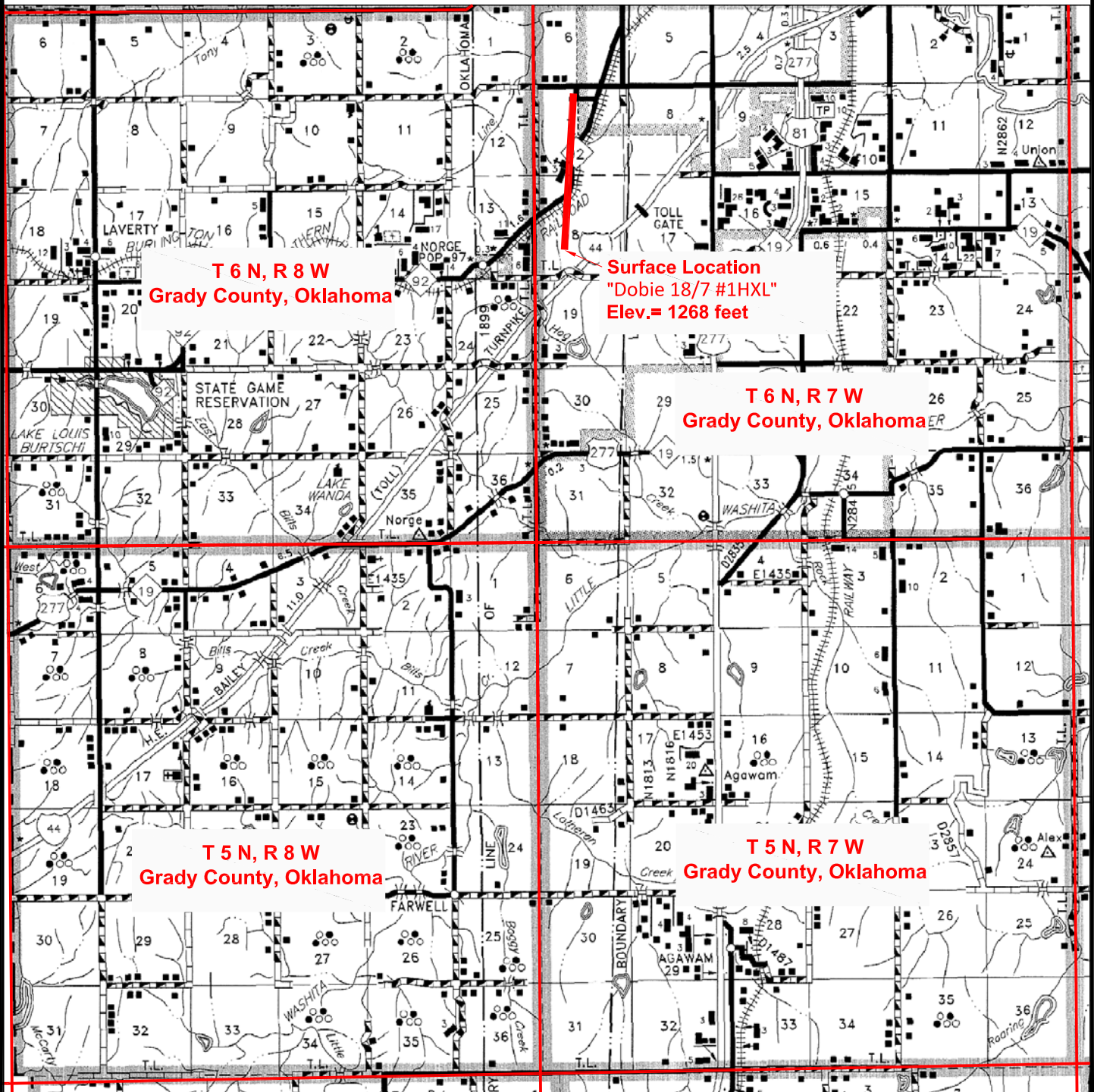
email:mike@onpointsurveyok.com web:www.onpointlandsurveyok.com

580-334-6757

**ON POINT**  
Land Survey

P.O. BOX 1093  
WOODWARD, OKLAHOMA 73802  
OKLA. CA #7719, EXP. 06/30/2019

Section 7 & 18, T 6 N, R 7 W.I.M.,  
Grady County, Oklahoma.



VICINITY MAP



- Surface Hole Location  
"Dobie 18/7 #1HXL" situated 1600 feet from the south section line and 2000 feet from the west section line of Section 18, T 6 N, R 7 W.I.M., Grady County, Oklahoma.
- Point of Penetration  
"Dobie 18/7 #1HXL" situated 1400 feet from the south section line and 1800 feet from the west section line of Section 18, T 6 N, R 7 W.I.M., Grady County, Oklahoma.
- Bottom Location  
"Dobie 18/7 #1HXL" situated 165 feet from the north section line and 2100 feet from the west section line of Section 7, T 6 N, R 7 W.I.M., Grady County, Oklahoma.



580-334-6757

**ON POINT**

**Land Survey**

P.O. BOX 1093

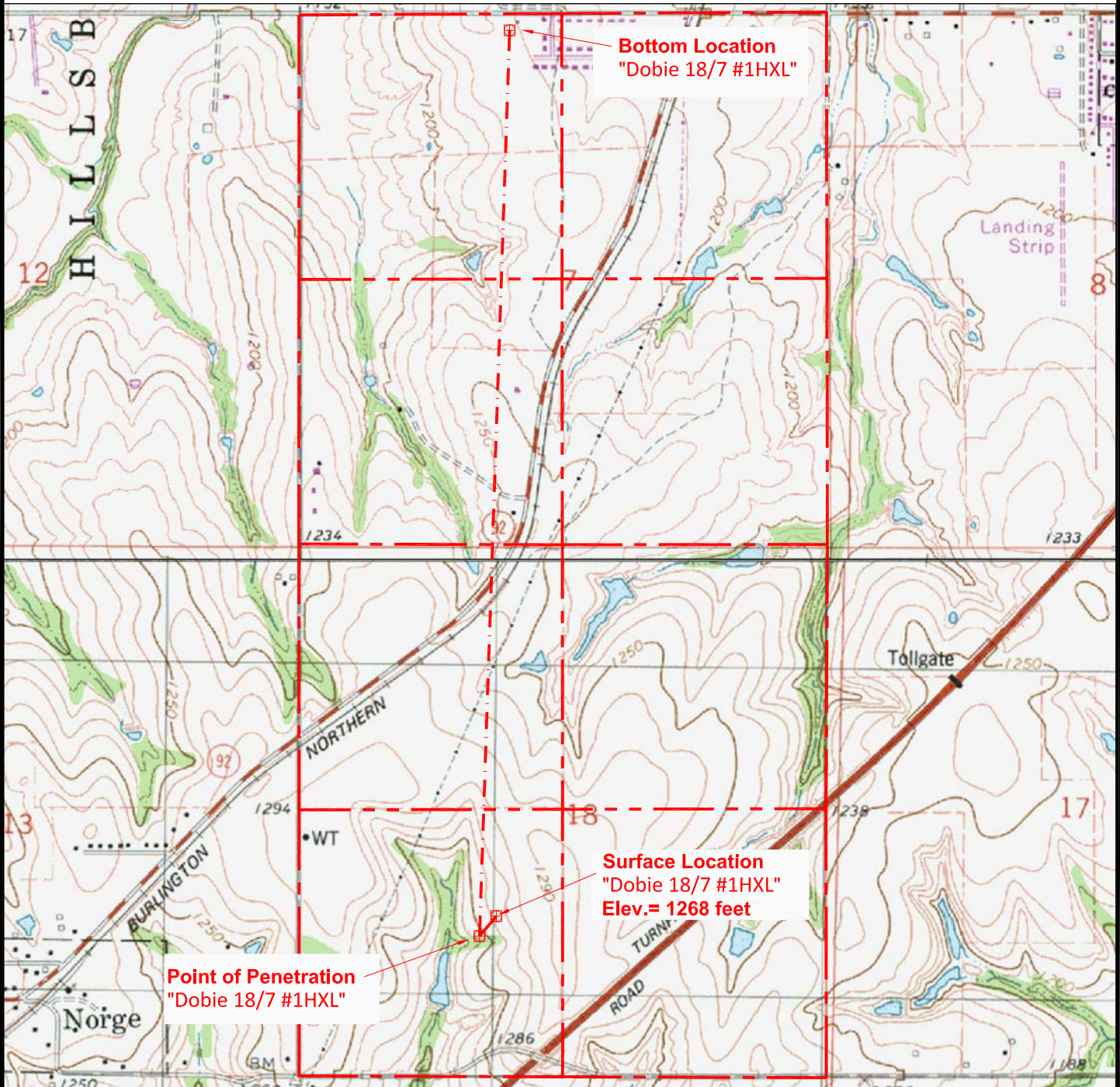
WOODWARD, OKLAHOMA 73802

OKLA. CA #7719, EXP. 06/30/2019

REVISIONS:	DRAWN BY:	JOB:	DATE OF PLAT:	SCALE:	SHEET:
	C.M.G.	024-18	03-16-2018	NTS	2 OF 4
email:mike@onpointsurveyok.com web:www.onpointlandsurveyok.com					



Section 7 & 18, T 6 N, R 7 W.I.M.,  
Grady County, Oklahoma.



ELEVATION MAP



Surface Hole Location

"Dobie 18/7 #1HXL" situated 1600 feet from the south section line and 2000 feet from the west section line of Section 18, T 6 N, R 7 W.I.M., Grady County, Oklahoma.

Point of Penetration

"Dobie 18/7 #1HXL" situated 1400 feet from the south section line and 1800 feet from the west section line of Section 18, T 6 N, R 7 W.I.M., Grady County, Oklahoma.

Bottom Location

"Dobie 18/7 #1HXL" situated 165 feet from the north section line and 2100 feet from the west section line of Section 7, T 6 N, R 7 W.I.M., Grady County, Oklahoma.

580-334-6757

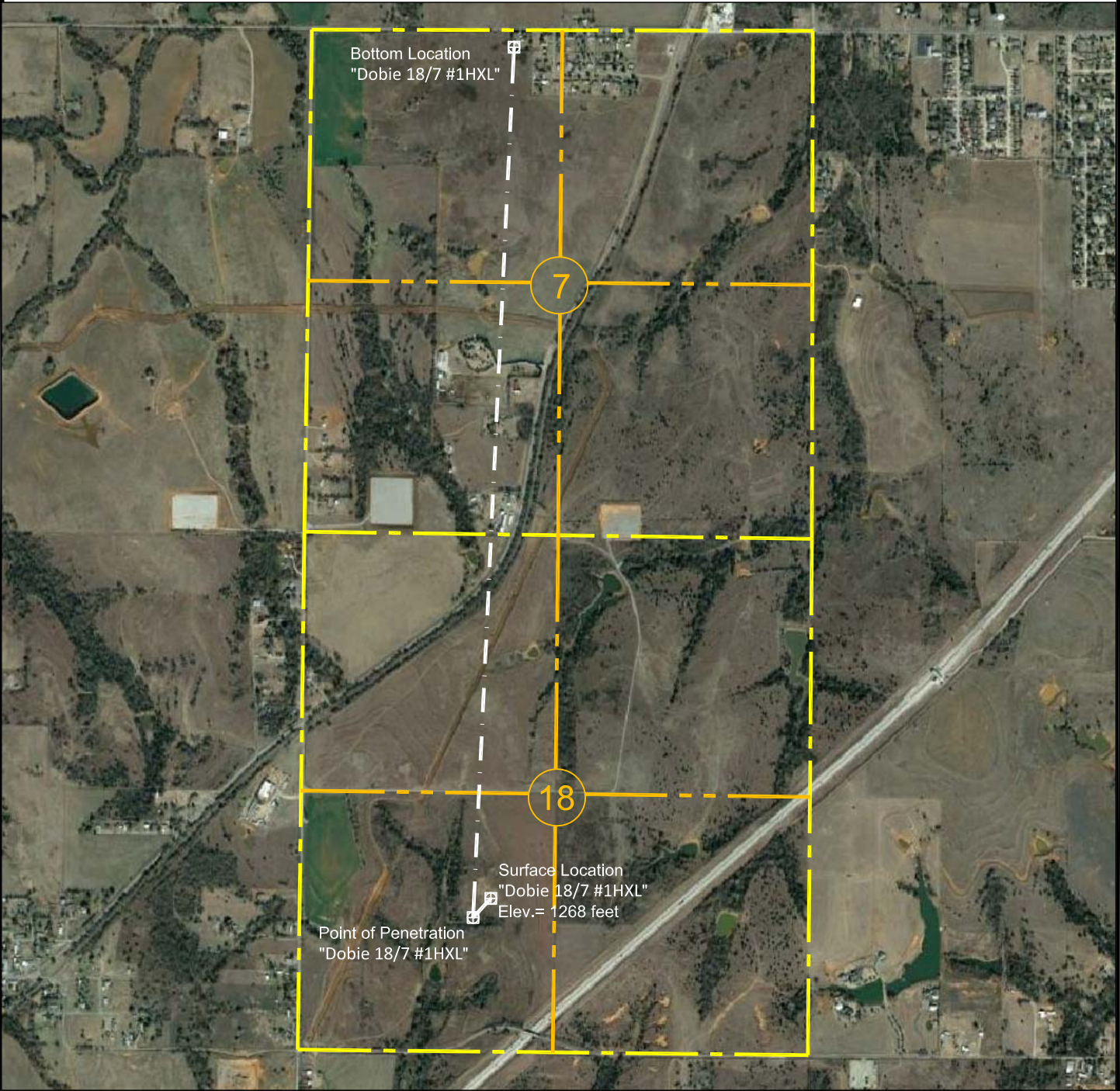
**ON POINT**  
Land Survey

P.O. BOX 1093  
WOODWARD, OKLAHOMA 73802  
OKLA. CA #7719, EXP. 06/30/2019

REVISIONS:	DRAWN BY:	JOB:	DATE OF PLAT:	SCALE:	SHEET:
	C.M.G.	024-18	03-16-2018	NTS	3 OF 4
email:mike@onpointsurveyok.com web:www.onpointlandsurveyok.com					



Section 7 & 18, T 6 N, R 7 W.I.M.,  
Grady County, Oklahoma.



2014 PHOTO



Surface Hole Location

"Dobie 18/7 #1HXL" situated 1600 feet from the south section line and 2000 feet from the west section line of Section 18, T 6 N, R 7 W.I.M., Grady County, Oklahoma.



Point of Penetration

"Dobie 18/7 #1HXL" situated 1400 feet from the south section line and 1800 feet from the west section line of Section 18, T 6 N, R 7 W.I.M., Grady County, Oklahoma.



Bottom Location

"Dobie 18/7 #1HXL" situated 165 feet from the north section line and 2100 feet from the west section line of Section 7, T 6 N, R 7 W.I.M., Grady County, Oklahoma.

580-334-6757  
P.O. BOX 1093  
WOODWARD, OKLAHOMA 73802  
OKLA. CA #7719, EXP. 06/30/2019

REVISIONS:	DRAWN BY:	JOB:	DATE OF PLAT:	SCALE:	SHEET:
	C.M.G.	024-18	03-16-2018	NTS	4 OF 4
email:mike@onpointsurveyok.com web:www.onpointlandsurveyok.com					