

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

API NUMBER: 073 25419

Approval Date: 11/09/2016  
Expiration Date: 05/09/2017

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 25 Twp: 18N Rge: 7W County: KINGFISHER  
SPOT LOCATION:  NE  NE  NE  NE FEET FROM QUARTER: FROM NORTH FROM EAST  
SECTION LINES: 148 284

Lease Name: VICTORIA Well No: 25-1H Well will be 148 feet from nearest unit or lease boundary.  
Operator Name: GASTAR EXPLORATION INC Telephone: 7137391800 OTC/OCC Number: 23199 0

GASTAR EXPLORATION INC  
1331 LAMAR STE 650  
HOUSTON, TX 77010-3131

VICTORIA W LEWIS  
1710 PLAZA CIRCLE  
WINDSOR HEIGHTS IA 50324

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

	Name	Depth	Name	Depth
1	MISS'AN (EX CHESTER)	7211	6	
2	WOODFORD	7705	7	
3	HUNTON	7732	8	
4			9	
5			10	

Spacing Orders: 657397

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201604040

Special Orders:

Total Depth: 12428

Ground Elevation: 1120

**Surface Casing: 460**

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

PIT 1 INFORMATION

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 AP/TE DEPOSIT

Pit Location Formation: TERRACE

Approved Method for disposal of Drilling Fluids:

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

PERMIT NO: 16-31740

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 25 Twp 18N Rge 7W County KINGFISHER

Spot Location of End Point: SW SE SE SE

Feet From: SOUTH 1/4 Section Line: 165

Feet From: EAST 1/4 Section Line: 440

Depth of Deviation: 6848

Radius of Turn: 509

Direction: 182

Total Length: 4780

Measured Total Depth: 12428

True Vertical Depth: 7732

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

Notes:

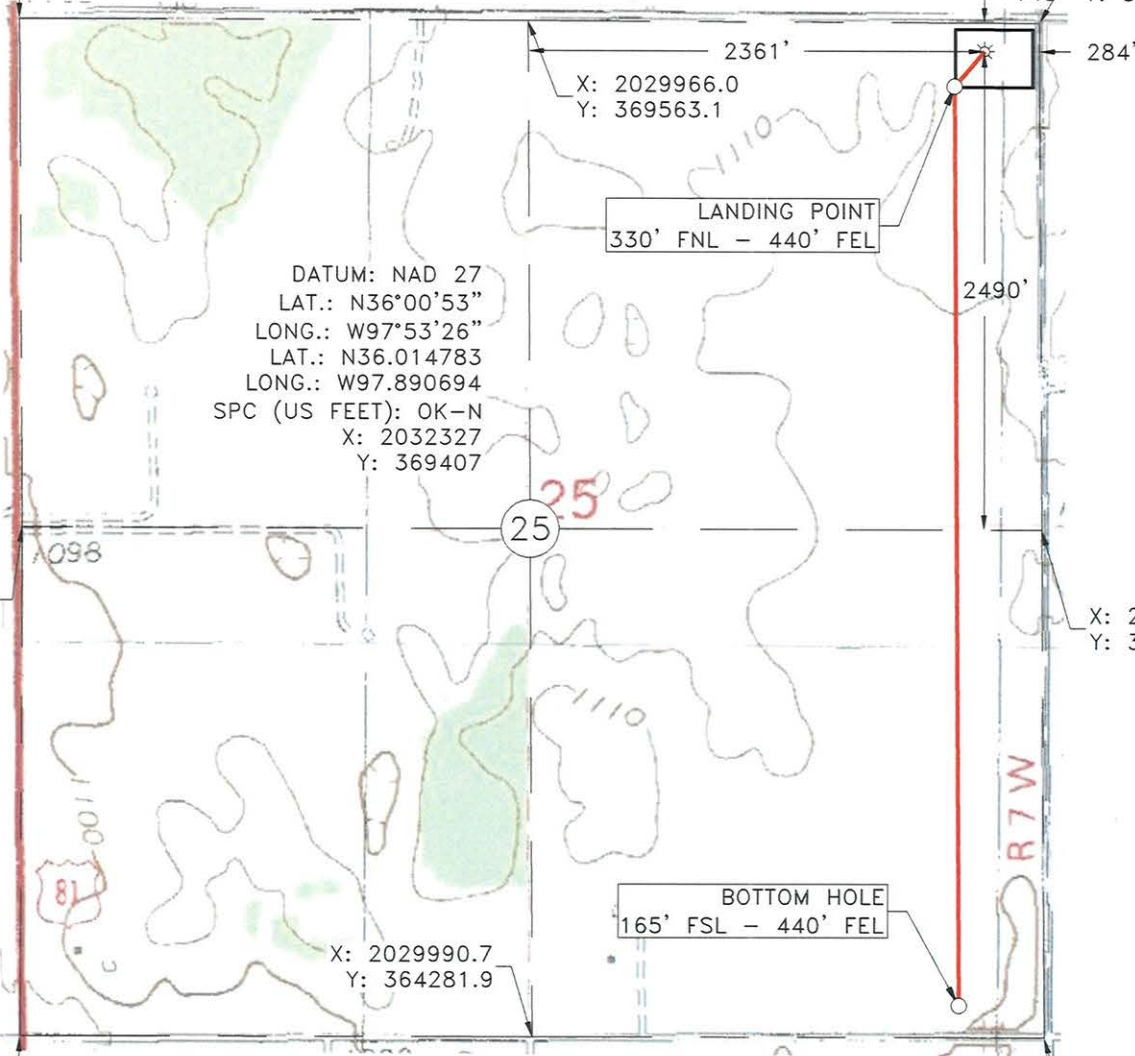
Category	Description
HYDRAULIC FRACTURING	11/8/2016 - G71 - OCC 165:10-3-10 REQUIRES: 1) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS BE REPORTED TO FRACFOCUS USING THE FOLLOWING LINK <a href="http://fracfocus.org/">HTTP://FRACFOCUS.ORG/</a> WITH NOTICE GIVEN 48 HOURS IN ADVANCE OF FRACTURING TO THE LOCAL OCC DISTRICT OFFICE; AND, 2) PRIOR TO COMMENCEMENT OF FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE ALSO GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN 1/2 MILE.
PENDING CD - 201604040	11/9/2016 - G60 - (I.O.) E2 25-18N-7W X657397 MSNLC, WDFD, HNTN SHL NCT 0' FSL, NCT 660' FEL, NCT 660' FWL POE TO BHL NCT 165' FSL, NCT 165' FNL, NCT 660' FEL OR FWL NO OP. NAMED REC. 11/8/16 (LEVITT)
SPACING - 657397	11/9/2016 - G60 - (320) E2 25-18N-7W EST MSNLC, WDFD, HNTN COMPL. INT. NCT 660' FB (MSNLC, HNTN) COMPL. INT. NCT 165' FNL OR FSL, NCT 330 FEL OR FWL (WDFD)
SURFACE CASING	11/8/2016 - G71 - MIN. 300' PER ORDERS 23720/41036/42410
SURFACE HOLE LOCATION	11/9/2016 - G60 - 148' FNL AND 284' FEL PER PLAT

X: 2027334.4  
Y: 369569.5

# SECTION 25, T 18 N - R 7 W, I.M., KINGFISHER COUNTY, OKLAHOMA

X: 2032610.5  
Y: 369553.8

BEARINGS ARE GRID  
OKLAHOMA SPC, NAD 27, NORTH ZONE



DATUM: NAD 27  
LAT.: N36°00'53"  
LONG.: W97°53'26"  
LAT.: N36.014783  
LONG.: W97.890694  
SPC (US FEET): OK-N  
X: 2032327  
Y: 369407

LANDING POINT  
330' FNL - 440' FEL

BOTTOM HOLE  
165' FSL - 440' FEL

X: 2027349.1  
Y: 366927.9

X: 2032625.4  
Y: 366915.8

X: 2027339.3  
Y: 364285.3

X: 2032640.2  
Y: 364277.9

Operator: GASTAR EXPLORATION, INC Date Staked: 10/18/2016  
 Lease Name: VICTORIA 25 Well No.: 1H Elevation: 1120'  
 Topography and Vegetation: PASTURE  
 Good Drill Site? YES Reference or Alt. Location Stakes Set: NONE  
 Best Accessibility to Location: FROM COUNTY ROAD  
 Distance and Direction from Hwy. Jct. or town: FROM DOVER GO NORTH ON US HW 81, 2 MILES, TURN EAST ON CO. RD. E0690, 0.9 MILES TURN SOUTH INTO LOCATION.

**LEGEND**

- SURFACE LOCATION
- EXISTING WELL
- BOTTOM HOLE/LANDING POINT
- PROPOSED DRILL PATH
- EXISTING PIPELINE
- ELECTRIC LINE
- OVERHEAD POWER
- FENCE

**Gateway**  
 Gateway Services Group, LLC  
 P.O. BOX 960  
 MEEKER, OK 74855  
 OFF. (405) 273-0954  
 FAX (405) 273-0580  
 C.A. NO. 4091 (LS)  
 EXP. DATE 6-30-2018

**FRED ANTHONY SELENSKY**  
 10-24-2016  
 1860  
 LICENSED PROFESSIONAL LAND SURVEYOR  
 OKLAHOMA

**EXHIBIT "A" PRELIMINARY**  
 GASTAR EXPLORATION, INC  
 VICTORIA 25-1H  
 148'FNL-284'FEL  
 SECTION 25, T 18 N - R 7 W, I.M.,  
 KINGFISHER COUNTY, OKLAHOMA

FRED ANTHONY SELENSKY  
 OKLAHOMA L.P.L.S. NO.: 1860  
 DATE: 10-24-2016

**NOTE:**  
 This is a plat of a proposed well location and does not represent a true boundary survey. The information shown hereon shall not be relied upon for the location or establishment of land boundary lines. All of the positions shown hereon have not been verified as being actual Section, Quarter or Property corners. Positions shown in (Parentheses) are based upon local occupation and improvements or calculated per proportional measurement and/or G.L.O. record distances. Review this plat and notify Gateway Services Group, LLC immediately of any possible discrepancy.

DRAWN BY: CLC	DATE: 10/19/16	CHK'D: RLG
GATEWAY NO.: 16-0650-001		SCALE: 1"=1000'
PAD#:	WELL#:	
REV.	DWN.	DESCRIPTION
		DATE

SECTION 25, T 18 N - R 7 W, I.M.,  
KINGFISHER COUNTY, OKLAHOMA

X: 2027334.4  
Y: 369569.5

X: 2032610.5  
Y: 369553.8

BEARINGS ARE GRID  
OKLAHOMA SPC, NAD 27, NORTH ZONE

X: 2029966.0  
Y: 369563.1

DATUM: NAD 27  
LAT.: N36°00'53"  
LONG.: W97°53'26"  
LAT.: N36.014783  
LONG.: W97.890694  
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Y: 369407

LANDING POINT  
330' FNL - 440' FEL

2490'

25

X: 2027349.1  
Y: 366927.9

X: 2032625.4  
Y: 366915.8

BOTTOM HOLE  
165' FSL - 440' FEL

X: 2029990.7  
Y: 364281.9

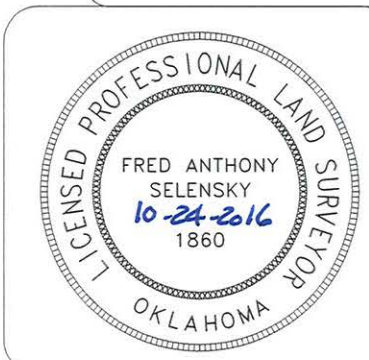
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**LEGEND**  
SURFACE LOCATION SURFACE LOCATION  
EXISTING WELL BOTTOM HOLE/LANDING POINT   
PROPOSED DRILL PATH   
EXISTING PIPELINE   
ELECTRIC LINE   
OVERHEAD POWER   
FENCE

FRED ANTHONY SELENSKY  
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EXP. DATE 6-30-2018

**EXHIBIT "A" PRELIMINARY**  
GASTAR EXPLORATION, INC  
VICTORIA 25-1H  
148'FNL-284'FEL  
SECTION 25, T 18 N - R 7 W, I.M.,  
KINGFISHER COUNTY, OKLAHOMA

DRAWN BY: CLC		DATE: 10/19/16	CHK'D: RLG
GATEWAY NO.: 16-0650-002		SCALE: 1"=1000'	
PAD#:		WELL#:	
REV.	DWN.	DESCRIPTION	DATE

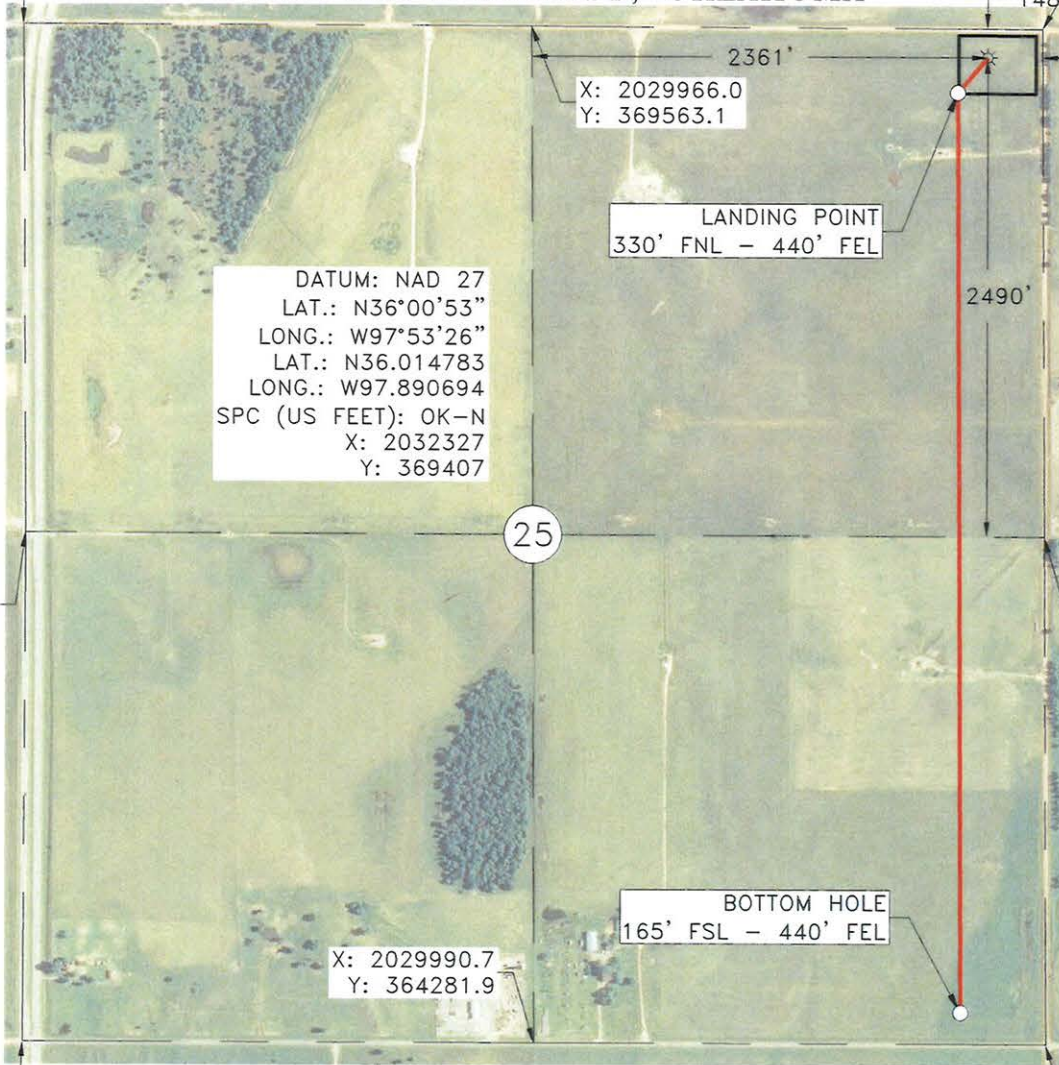
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Y: 369569.5

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Y: 369553.8

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OKLAHOMA SPC, NAD 27, NORTH ZONE



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Y: 369563.1

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LONG.: W97°53'26"  
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SURFACE LOCATION

EXISTING WELL BOTTOM HOLE/LANDING POINT

PROPOSED DRILL PATH

EXISTING PIPELINE

ELECTRIC LINE

OVERHEAD POWER

FENCE

*Fred Anthony Selesky* 10-24-2016  
 FRED ANTHONY SELENSKY DATE  
 OKLAHOMA L.P.L.S. NO.: 1860

LICENSED PROFESSIONAL LAND SURVEYOR  
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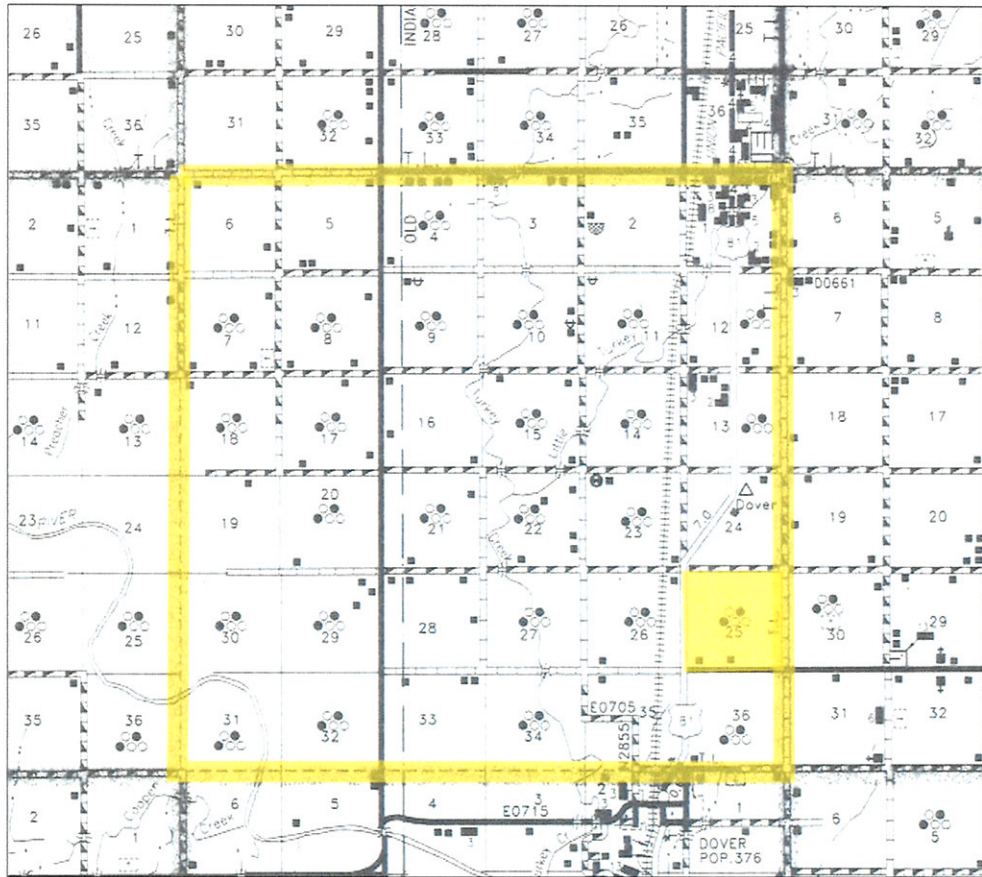
**EXHIBIT "A" PRELIMINARY**  
 GASTAR EXPLORATION, INC  
 VICTORIA 25-1H  
 148'FNL-284'FEL  
 SECTION 25, T 18 N - R 7 W, I.M.,  
 KINGFISHER COUNTY, OKLAHOMA

DRAWN BY: CLC	DATE: 10/19/16	CHK'D: RLG
GATEWAY NO.: 16-0650-003		SCALE: 1"=1000'
PAD#:	WELL#:	
REV. DWN.	DESCRIPTION	DATE

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SECTION 25, T 18 N - R 7 W, I.M.,  
KINGFISHER COUNTY, OKLAHOMA

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OKLAHOMA SPC, NAD 27, NORTH ZONE



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SECTION 25, T 18 N - R 7 W, I.M.,  
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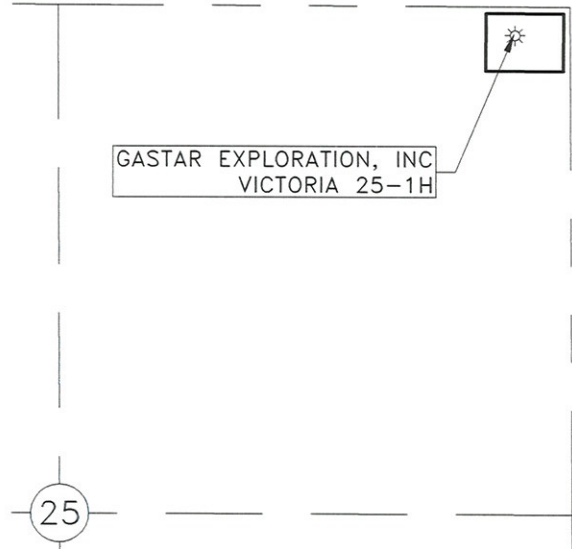
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GATEWAY NO.: 16-0650-004      SCALE: N.T.S.

PAD#:      WELL#:

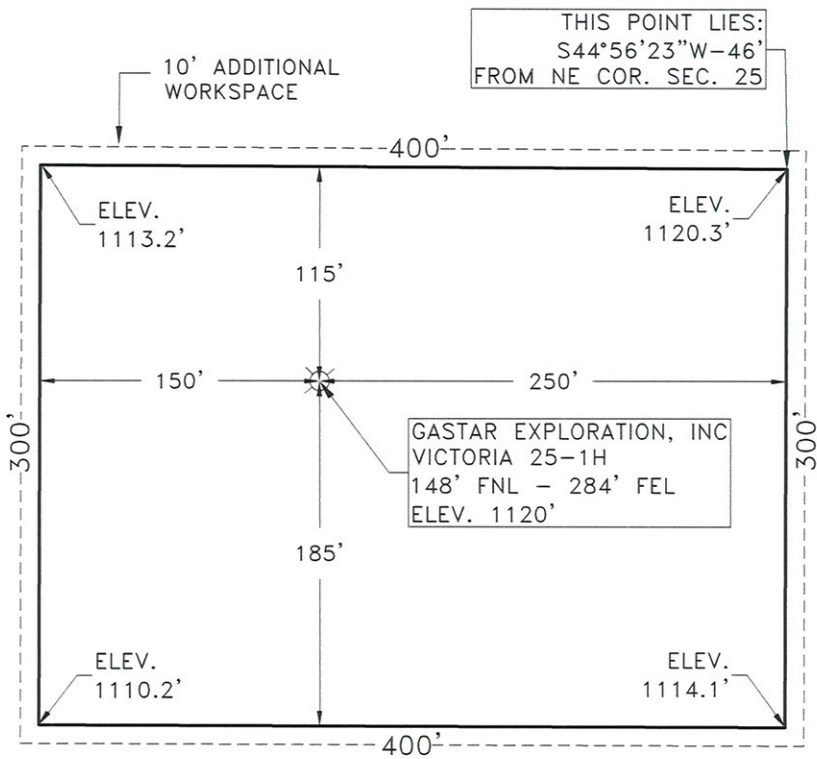
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SECTION 25, T 18 N - R 7 W, I.M.,  
KINGFISHER COUNTY, OKLAHOMA

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OKLAHOMA SPC, NAD 27, NORTH ZONE



VICINITY MAP SCALE: N.T.S.



Gateway Services Group, LLC

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148' FNL - 284' FEL  
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KINGFISHER COUNTY, OKLAHOMA

DRAWN BY: CLC		DATE: 10/19/16	CHK'D: RLG
GATEWAY NO.: 16-0650-005		SCALE: N.T.S.	
PAD#:	WELL#:		
REV.	DWN.	DESCRIPTION	DATE