

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

API NUMBER: 047 25128

Approval Date: 02/23/2018  
Expiration Date: 08/23/2018

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 35 Twp: 20N Rge: 8W

County: GARFIELD

SPOT LOCATION:  NE  NE  NW  NE

FEET FROM QUARTER: FROM NORTH FROM EAST

SECTION LINES: 282 1454

Lease Name: CHICKEN MAN 2008

Well No: 26-1LOH

Well will be 282 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

ALAN & PATRICIA EARLYNE MILACEK  
5605 WEST WOOD ROAD  
WAUKOMIS OK 73773

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	7100	6	
2	WOODFORD	7920	7	
3			8	
4			9	
5			10	

Spacing Orders: 622726

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201800370

Special Orders:

Total Depth: 12598

Ground Elevation: 1242

**Surface Casing: 610**

Depth to base of Treatable Water-Bearing FM: 370

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: 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: CEDAR HILLS

Approved Method for disposal of Drilling Fluids:

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

PERMIT NO: 18-33937

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 26 Twp 20N Rge 8W County GARFIELD

Spot Location of End Point: NW NE NW NE

Feet From: NORTH 1/4 Section Line: 150

Feet From: EAST 1/4 Section Line: 1880

Depth of Deviation: 6718

Radius of Turn: 573

Direction: 355

Total Length: 4980

Measured Total Depth: 12598

True Vertical Depth: 7920

End Point Location from Lease,  
Unit, or Property Line: 150

Notes:

Category

Description

HYDRAULIC FRACTURING

2/14/2018 - 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)

PENDING CD - 201800370

2/21/2018 - G75 - (I.O.) 26-20N-8W  
X622726 MSSP, WDFD  
COMPL. INT. NCT 150' FSL, NCT 150' FNL, NCT 330' FEL  
NO OP. NAMED  
REC 2-13-2018 (MURER)

SPACING - 622726

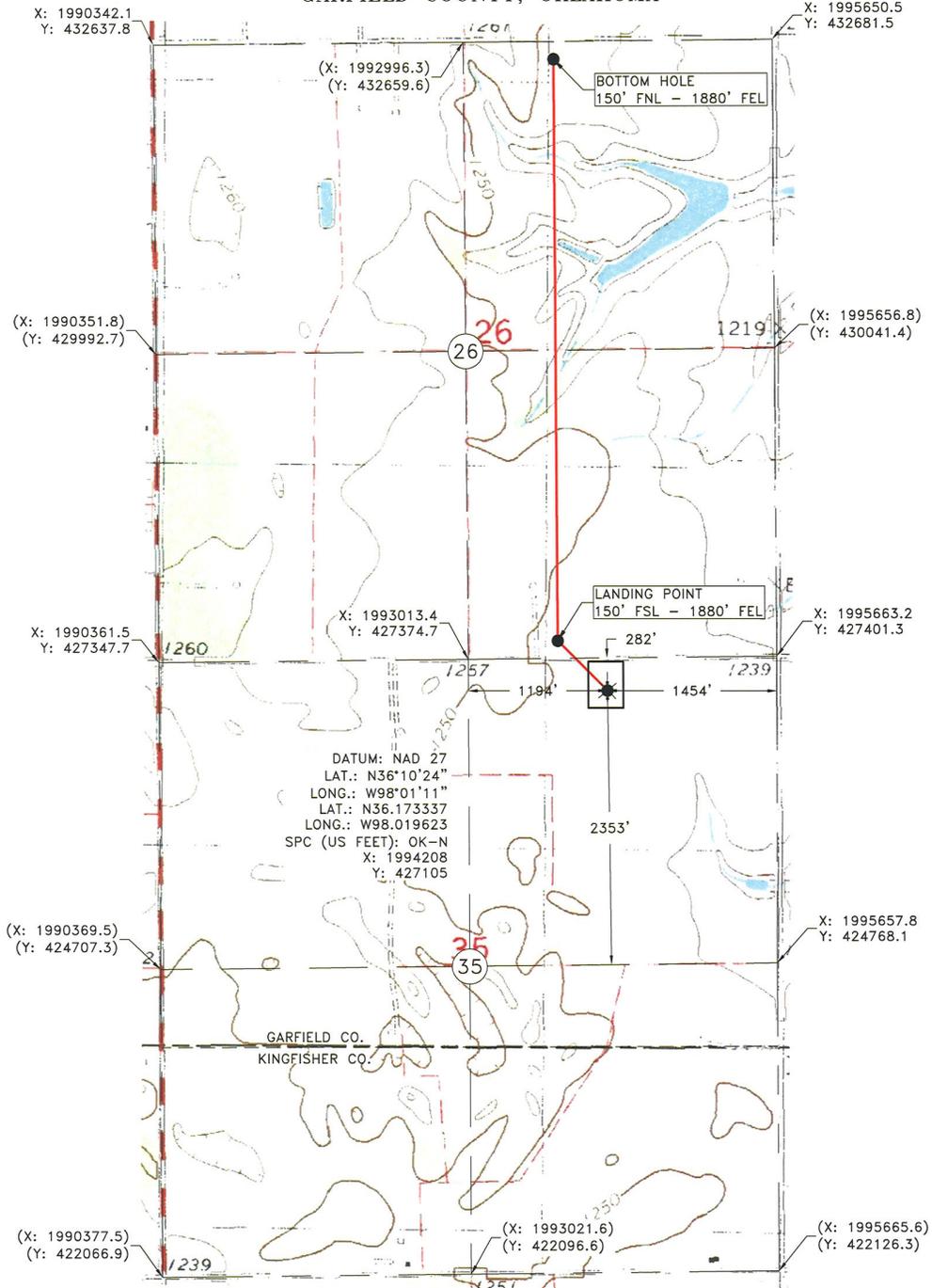
2/21/2018 - G75 - (640)(HOR) 26-20N-8W  
EST MSSP, OTHERS  
EXT 615760 WDFD, OTHERS  
COMPL. INT. (MSSP) NCT 660' FB  
COMPL. INT. (WDFD) NCT 330' FB  
(COEXIST SP. ORDER # 65632 MNNG, MRM C E2 NE4; SUPERSEDE ORDER # 65632 MNNG, MRM C W2, SE4 & W2 NE4)

SURFACE LOCATION

2/21/2018 - G75 - 282' FNL, 1454' FEL NE4 35-20N-8W PER STAKING PLAT

SECTIONS 26 & 35 T 20 N - R 08 W, I.M.,  
GARFIELD COUNTY, OKLAHOMA

BEARINGS ARE GRID  
OKLAHOMA, SPC. NAD 27, NORTH ZONE



DATUM: NAD 27  
LAT.: N36°10'24"  
LONG.: W98°01'11"  
LAT.: N36.173337  
LONG.: W98.019623  
SPC (US FEET): OK-N  
X: 1994208  
Y: 427105

Operator: GASTAR EXPLORATION INC. Date Staked: 2/5/18  
Lease Name: CHICKEN MAN 2008 26 Well No.: 1LOH Elevation: 1242'  
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 JCT. OF ST. HWY. 81 & ST. HWY. 51 IN HENNESSEY, HEAD WEST 6.5 MILES ON ST. HWY. 51, TURN NORTH ON CO. RD. N2800 FOR 4 MILES, TURN WEST ON W. MARSHALL RD. FOR 0.25 MILE TURN SOUTH INTO LOCATION.

*Fred A. Selensky*  
FRED ANTHONY SELENSKY  
OKLAHOMA L.P.L.S. NO.: 1860  
DATE: 2-8-2018



NOTE:  
This is a plot 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 plot and notify Gateway Services Group, LLC immediately of any possible discrepancy.

**Gateway**  
Gateway Services Group, LLC  
PO. BOX 960  
MEeker, OK 74855  
OFF. (405) 273-0954  
FAX (405) 273-0980  
C.A. NO. 4091 (LS)  
EXP. DATE 6-30-2018

EXHIBIT "A" PRELIMINARY  
GASTAR EXPLORATION INC.  
CHICKEN MAN 2008 26-1LOH  
282' FNL - 1454' FEL  
SECTIONS 26 & 35, T 20 N - R 08 W, I.M.,  
GARFIELD COUNTY, OKLAHOMA

DRAWN BY: TLM	DATE: 2/6/18	CHK'D: RLG
GATEWAY NO.: 18-0099-001	SCALE: 1"=1000'	
REV. DWN.	DESCRIPTION	DATE

LEGEND  
SURFACE LOCATION \*  
PROPOSED DRILL PATH ---  
EXISTING PIPELINE ---  
ELECTRIC LINE ---  
OVERHEAD POWER ---  
FENCE - - -