

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

API NUMBER: 087 22217

Approval Date: 02/20/2019

Expiration Date: 08/20/2020

Horizontal Hole
Multi Unit

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 08 Twp: 8N Rge: 4W County: MCCLAIN

SPOT LOCATION: ☐ SE ☐ NW ☐ NE ☐ NW FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 559 1975

Lease Name: WILSON 0817

Well No: 5H

Well will be 559 feet from nearest unit or lease boundary.

Operator
Name: EOG RESOURCES INC

Telephone: 4052463224

OTC/OCC Number: 16231 0

EOG RESOURCES INC
3817 NW EXPRESSWAY STE 500
OKLAHOMA CITY, OK 73112-1483

PHYLLIS J. WILSON
P.O. BOX 187
BLANCHARD OK 73010

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	9500	6	
2	WOODFORD	9580	7	
3	HUNTON	9780	8	
4			9	
5			10	

Spacing Orders: 681781
588047
603530

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201900801
201900802
201900799
201900800

Special Orders:

Total Depth: 19700

Ground Elevation: 1241

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 510

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: 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: DUNCAN

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 19-36215

E. Haul to Commercial pit facility: Sec. 31 Twn. 12N Rng. 8W Cnty. 17 Order No: 587498

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: DUNCAN

HORIZONTAL HOLE 1

Sec 17 Twp 8N Rge 4W County MCCLAIN

Spot Location of End Point: SW SE SE SW

Feet From: SOUTH 1/4 Section Line: 165

Feet From: WEST 1/4 Section Line: 2020

Depth of Deviation: 9150

Radius of Turn: 382

Direction: 179

Total Length: 9950

Measured Total Depth: 19700

True Vertical Depth: 9780

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

Notes:

Category

Description

DEEP SURFACE CASING

2/8/2019 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY FOR ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON CONDUCTOR OR SURFACE CASING

HYDRAULIC FRACTURING

2/8/2019 - 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; 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

MEMO

2/8/2019 - G71 - PIT 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST; PIT 1 - WBM & CUTTINGS TO BE SOIL FARMED; PIT 2 - OBM CUTTINGS TO R360 (ORDER # 587498) OR DEQ APPROVED FACILITY (SOUTHERN PLAINS LANDFILL, 3-5N-6W, GRADY CO., # 3526013); PIT 2 - OBM TO VENDOR

PENDING CD - 201900799

2/20/2019 - G75 - (E.O.) W2 8-8N-4W
X681781 WDFD
2 WELLS
EOG RESOURCES, INC.
REC 2-12-2019 (MINMIER)

This permit does not address the right of entry or settlement of surface damages.

087 22217 WILSON 0817 5H

The duration of this permit is SIX MONTHS, except as otherwise provided by Rule 165: 10-3-1.

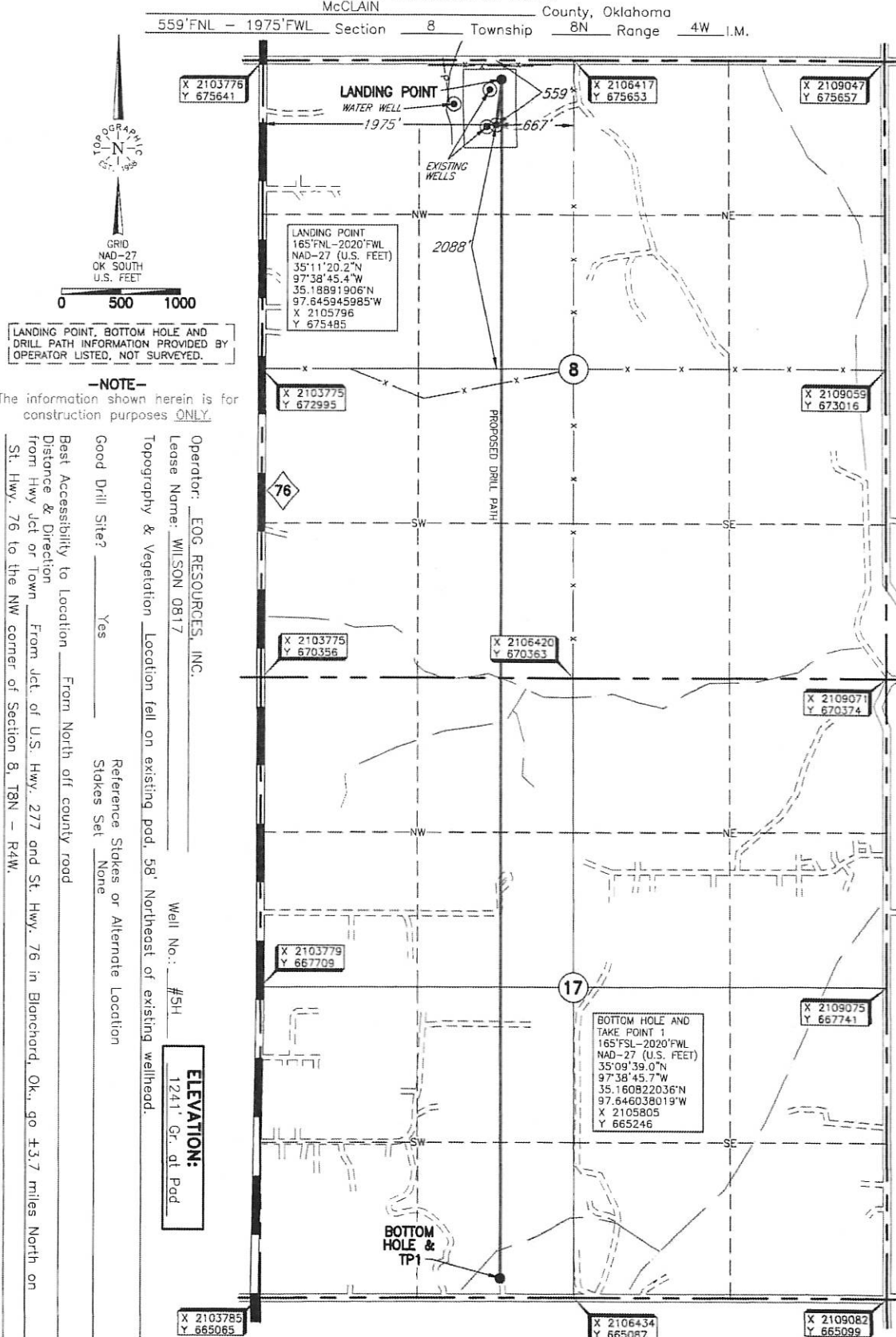
Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.

Category	Description
PENDING CD - 201900800	2/20/2019 - G75 - (E.O.) 17-8N-4W X603530 WDFD 3 WELLS EOG RESOURCES, INC. REC 2-12-2019 (MINMIER)
PENDING CD - 201900801	2/20/2019 - G75 - (E.O.) W2 8 & 17-8N-4W EST MULTIUNIT HORIZONTAL WELL X681781 MSSP, WDFD W2 8-8N-4W X588047 HNTN W2 8-8N-4W X603530 MSSP, WDFD, HNTN 17-8N-4W (MSSP, HNTN ADJACENT COMMON SOURCES OF SUPPLY TO WDFD) 50% W2 8-8N-4W 50% 17-8N-4W NO OP. NAMED REC 2-12-2019 (MINMIER)
PENDING CD - 201900802	2/20/2019 - G75 - (E.O.) W2 8 & 17-8N-4W X681781 MSSP, WDFD W2 8-8N-4W X588047 HNTN W2 8-8N-4W X603530 MSSP, WDFD, HNTN 17-8N-4W X165:10-3-28(C)(2)(B) MAY BE CLOSER THAN 600' TO WILSON 0817 4H & 6H COMPL. INT. (W2 8-8N-4W) NCT 165' FNL, NCT 0' FSL, NCT 330' FEL COMPL. INT. (17-8N-4W) NCT 0' FNL, NCT 165' FSL, NCT 1960' FWL NO OP. NAMED REC 2-12-2019 (MINMIER)
SPACING - 588047	2/20/2019 - G75 - (640/320/80) 8 & 9-8N-4W VAC OTHERS VAC 149988 HNTN, OTHERS 8-8N-4W EXT (80) OTHERS EST (640)(IRR UNIT) OTHERS E2 8 & W2 9 EST (320) HNTN, OTHERS W2 8 SU SW4 NCT 660' FB EST (320) OTHERS
SPACING - 603530	2/20/2019 - G75 - (640) 17-8N-4W VAC 165857 HNTN, OTHERS EXT OTHER EXT 588047 MSSP, WDFD, HNTN, OTHERS EST OTHERS
SPACING - 681781	2/20/2019 - G75 - (320)(HOR) W2 8-8N-4W EST MSSP, WDFD POE TO BHL (MSSP) NCT 660' FB POE TO BHL (WDFD) NCT 165' FNL & FSL, NCT 330' FEL & FWL

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DATUM: NAD-27
LAT: 35°11'16.3"N
LONG: 97°38'46.0"W
LAT: 35.187870505°N
LONG: 97.646101845°W
STATE PLANE
COORDINATES: (US Feet)
ZONE: OK SOUTH
X: 2105751
Y: 675091

Date of Drawing: Jan. 16, 2019
Invoice # 311071A Date Staked: Jan. 8, 2019 KH

CERTIFICATE:

I, Thomas L. Howell, an Oklahoma Licensed Land Surveyor and an authorized agent of Topographic Land Surveyors of Oklahoma, do hereby certify to the information shown herein

Thomas L. Howell
Oklahoma Lic. No. 1433

