

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

API NUMBER: 087 22127

Approval Date: 04/13/2018

Expiration Date: 10/13/2018

Horizontal Hole Oil & Gas

PERMIT TO DRILL

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

County: MCCLAIN

SPOT LOCATION: ☐ NE ☐ NW ☐ NE ☐ NW

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 250 1945

Lease Name: WILSON

Well No: 0817 3H

Well will be 250 feet from nearest unit or lease boundary.

Operator
Name: EOG RESOURCES INC

Telephone: 4052463212

OTC/OCC Number: 16231 0

EOG RESOURCES INC
PO BOX 4362
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	9430	6	
2	WOODFORD	9500	7	
3	HUNTON	9640	8	
4			9	
5			10	

Spacing Orders: 603530

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201802845
201802727
201802632
201801879
201802519

Special Orders:

Total Depth: 20087

Ground Elevation: 1242

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: 18-34300

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: S2 SE SW SW

Feet From: SOUTH 1/4 Section Line: 165

Feet From: WEST 1/4 Section Line: 990

Depth of Deviation: 9096

Radius of Turn: 477

Direction: 190

Total Length: 10242

Measured Total Depth: 20087

True Vertical Depth: 9807

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

Notes:

Category

Description

DEEP SURFACE CASING

4/11/2018 - 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

4/11/2018 - 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; 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

4/11/2018 - 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

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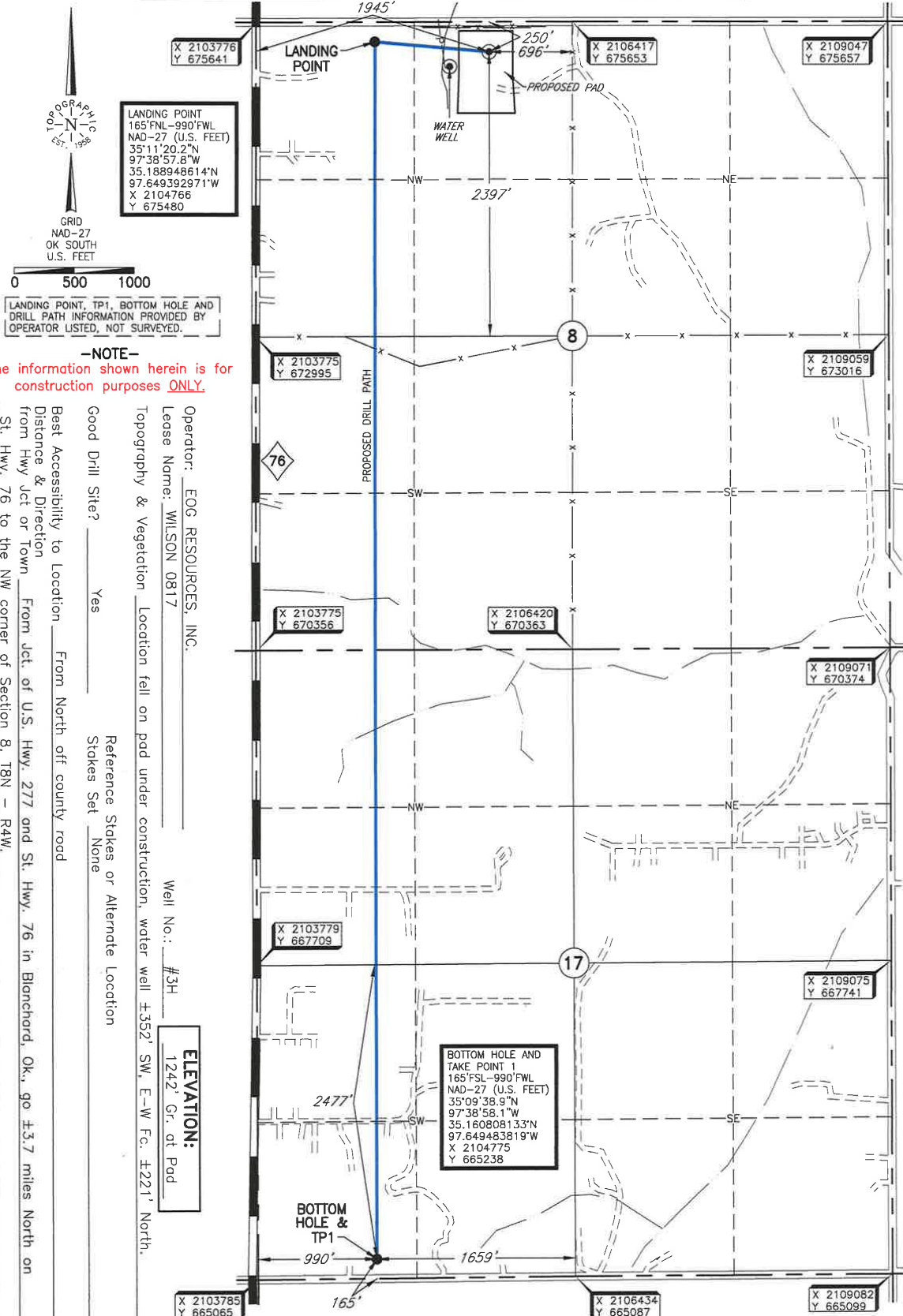
087 22127 WILSON 0817 3H

Category	Description
PENDING CD - 201801879	<p>4/13/2018 - G75 - (640)(HOR) 8-8N-4W EXT 666740 MSSP, WDFD, HNTN POE TO BHL (MSSP, HNTN) NCT 660' FB POE TO BHL (WDFD) NCT 165' FNL & FSL, NCT 330' FEL & FWL (COEXIST SP. ORDER # 588047 MSSP, WDFD, HNTN E2 8 & W2 9) ** REC 3-26-2018 (JACKSON)</p> <p>** S/B COEXIST SP. ORDER # 588047 MSSP, WDFD, HNTN E2 8 & W2 9; ORDER # 588047 HNTN W2 8; CORRECTED IN ORDER TO BE SUBMITTED TO OCC FOR REVIEW</p>
PENDING CD - 201802519	<p>4/13/2018 - G75 - 17-8N-4W X603530 WDFD 4 WELLS EOG RESOURCES, INC. HEARING 4-30-2018</p>
PENDING CD - 201802632	<p>4/13/2018 - G75 - 8-8N-4W X201801879 WDFD 3 WELLS EOG RESOURCES, INC. HEARING 4-30-2018</p>
PENDING CD - 201802727	<p>4/13/2018 - G75 - (E.O.) 8 & 17-8N-4W X201801879 MSSP, WDFD, HNTN 8-8N-4W X603530 MSSP, WDFD, HNTN 17-8N-4W X165:10-3-28(C)(2)(B) MAY BE CLOSER THAN 600' TO PROPOSED WELLS COMPL. INT. (8-8N-4W) NCT 165' FNL, NCT 0' FSL, NCT 930' FWL COMPL. INT. (17-8N-4W) NCT 0' FNL, NCT 165' FSL, NCT 930' FWL NO OP. NAMED REC 4-10-2018 (NORRIS)</p>
PENDING CD - 201802845	<p>4/13/2018 - G75 - (E.O.) 8 & 17-8N-4W EST MULTIUNIT HORIZONTAL WELL X201801879 MSSP, WDFD, HNTN 8-8N-4W X603530 MSSP, WDFD, HNTN 17-8N-4W (MSSP, HNTN ADJACENT COMMON SOURCES OF SUPPLY TO WDFD) 50% 8-8N-4W 50% 17-8N-4W NO OP. NAMED REC 4-10-2018 (NORRIS)</p>
SPACING - 603530	<p>4/13/2018 - G75 - (640) 17-8N-4W VAC 165857 HNTN, OTHERS EXT OTHER EXT 588047 MSSP, WDFD, HNTN, OTHERS EST OTHERS</p>

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DATUM: NAD-27
LAT: 35°11'19.4"N
LONG: 97°38'46.3"W
LAT: 35.188718424°N
LONG: 97.646198490°W
STATE PLANE
COORDINATES: (US Feet)
ZONE: OK SOUTH
X: 2105721
Y: 675400

Date of Drawing: April 6, 2018
Invoice # 291669B Date Staked: April 5, 2018 RKM

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

