

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

API NUMBER: 047 24928

Approval Date: 09/11/2014
Expiration Date: 03/11/2015

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 33 Twp: 23N Rge: 5W County: GARFIELD
SPOT LOCATION: S2 S2 S2 SW FEET FROM QUARTER: FROM SOUTH FROM WEST
SECTION LINES: 200 1320

Lease Name: PETR 2305 Well No: 1-33H Well will be 200 feet from nearest unit or lease boundary.
Operator Name: SANDRIDGE EXPLORATION & PRODUCTION LLC Telephone: 4054296169 OTC/OCC Number: 22281 0

SANDRIDGE EXPLORATION & PRODUCTION LLC
123 ROBERT S KERR AVE STE 1702
OKLAHOMA CITY, OK 73102-6406

JANICE ANN SCHUTTPELZ
5002 NORTH JA-ROB LANE
HOBBS NM 88240

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

Name	Depth	Name	Depth
1 WOODFORD	6544	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201406441
201406442

Special Orders:

Total Depth: 12038 Ground Elevation: 1189 **Surface Casing: 570** Depth to base of Treatable Water-Bearing FM: 320

Under Federal Jurisdiction: No Fresh Water Supply Well Drilled: No Surface Water used to Drill: Yes

PIT 1 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: WATER BASED

Chlorides Max: 10000 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? Y

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: KINGMAN

Approved Method for disposal of Drilling Fluids:

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 14-28343

E. Haul to Commercial pit facility: Sec. 15 Twn. 24N Rng. 7W Cnty. 47 Order No: 623842

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? Y

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: KINGMAN

HORIZONTAL HOLE 1

Sec 33 Twp 23N Rge 5W County GARFIELD

Spot Location of End Point: N2 N2 N2 NW

Feet From: NORTH 1/4 Section Line: 150

Feet From: WEST 1/4 Section Line: 1320

Depth of Deviation: 5967

Radius of Turn: 890

Direction: 360

Total Length: 4673

Measured Total Depth: 12038

True Vertical Depth: 6544

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

Additional Surface Owner	Address	City, State, Zip
MARILYN LEA STEEN	2401 LAURA CIRCLE	PAPILLON, NE 68046
JOHN RANDALL PETR	12021 EAST RUPE AVENUE	FAIRMONT, OK 73736

Notes:

Category	Description
MEMO	9/5/2014 - G71 - PIT 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST; PIT 2 - OBM TO VENDOR, OBM CUTTINGS PER DISTRICT
PENDING CD - 201406441	9/10/2014 - G75 - (E.O.)(640) 33-23N-5W EST (VER) OTHERS EST (HOR) WDFD, OTHERS POE TO BHL NLT 330' FB (COEXIST WDFD, NW4 NE4, LEASE BASIS) SANDRIDGE EXPLOR. & PROD., L.L.C. REC 9-9-2014 (LEAVITT)
PENDING CD - 201406442	9/10/2014 - G75 - (E.O.) 33-23N-5W X201406441 WDFD COMPL. INT. NCT 150 FSL, NCT 150 FNL, NCT 560 FWL SANDRIDGE EXPLOR. & PROD., L.L.C. REC 9-9-2014 (LEAVITT)
WELLHEAD PROTECTION AREA	9/5/2014 - G71 - BRECKENRIDGE PWA, 1 WPA, S2 28-23N-5W

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