

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

API NUMBER: 047 24837 A

Approval Date: 04/18/2014
Expiration Date: 10/18/2014

Horizontal Hole Oil & Gas

Amend reason: ADD DISPOSAL METHOD, SHL AND SURFACE OWNER.

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 07 Twp: 24N Rge: 6W County: GARFIELD
SPOT LOCATION: N2 N2 N2 NW FEET FROM QUARTER: FROM NORTH FROM WEST
SECTION LINES: 225 1320

Lease Name: CARA 2406 Well No: 1-6H 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

JUDY KIRTON
1414 SONATA CIRCLE
ENID OK 73703

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

Name	Depth	Name	Depth
1	MISSISSIPPIAN	5768	6
2			7
3			8
4			9
5			10

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201402062
201402063

Special Orders:

Total Depth: 11324 Ground Elevation: 1115 **Surface Casing: 1500** Depth to base of Treatable Water-Bearing FM: 380

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: 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: KINGMAN

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 14-26742

H. CLOSED SYSTEM=STEEL PITS PER OPERATOR OPTION

E. Haul to Commercial pit facility: Sec. 15 Twn. 24N Rng. 7W Cnty. 47 Order No: 608693

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 06 Twp 24N Rge 6W County GARFIELD

Spot Location of End Point: N2 N2 NW NW

Feet From: NORTH 1/4 Section Line: 150

Feet From: WEST 1/4 Section Line: 660

Depth of Deviation: 4923

Radius of Turn: 577

Direction: 360

Total Length: 4660

Measured Total Depth: 11324

True Vertical Depth: 5813

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

Notes:

Category	Description
DEEP SURFACE CASING	4/7/2014 - G71 - APPROVED CONTINGENT ON NOTIFYING OCC FIELD STAFF IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING
PENDING CD 201402063	4/10/2014 - G72 - 6-24N-6W EX 201402062 MSSP COMP INT NCT 150 FNL & NCT 150 FSL & NCT 560 FWL. REC 4/15/2014 M. PORTER
PENDING CD- 201402062	4/10/2014 - G72 - (640/ 320) 6-24N-6W VAC (320) OTHERS OTHRS EXT 621852 (640 HORZ) MSSP POE TO BHL NLT 660' FB (SUPERSEDE NON-DEVELOPED NON-HORIZONTAL SPACING UNITS, COEXIST WITH PRODUCING NON-HORIZONTAL UNITS) EXT (640 HORZ) OTHERS, EST (640 VERT) OTHERS REC 4/15/2014 M PORTER

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