

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

API NUMBER: 093 24812 B

Approval Date: 08/29/2014
Expiration Date: 02/28/2015

Straight Hole Oil & Gas

Amend reason: OCC CORRECTION

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 20 Twp: 22N Rge: 12W County: MAJOR
SPOT LOCATION: S2 N2 NE SE FEET FROM QUARTER: FROM SOUTH FROM WEST
SECTION LINES: 2180 1980

Lease Name: GLASGOW Well No: 1-20 Well will be 660 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

DR. JAMES A. GLASGOW
600 SE COUNTY RD
ADA OK 74820

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

	Name	Depth		Name	Depth
1	TONKAWA	5218	6	MERAMEC	7136
2	COTTAGE GROVE	5758	7	HUNTON	7870
3	OSWEGO	6348	8		
4	RED FORK	6609	9		
5	CHESTER LIME	6758	10		

Spacing Orders: 60260 Location Exception Orders: 555393 Increased Density Orders: 556478

Pending CD Numbers:

Special Orders:

Total Depth: 8031 Ground Elevation: 1270 Surface Casing: 1009 IP Depth to base of Treatable Water-Bearing FM: 490

Under Federal Jurisdiction: No Fresh Water Supply Well Drilled: No Surface Water used to Drill: Yes
Approved Method for disposal of Drilling Fluids:

Additional Surface Owner	Address	City, State, Zip
SUSAN GLASGOW	3302 VERDUN AVE	SAN MATEO, CA 94403
DR. JOHN GLASGOW	2112 APACHE PASS	ALTUS, OK 73521
JOE GLASGOW	107 HELEN CIRCLE	ENID, OK 73073

Notes:

Category

Description

FRAC FOCUS

9/2/2014 - G76 - THE REQUIREMENT FOR CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS WILL BE EXTENDED TO INCLUDE ALL NON-HORIZONTAL WELLS FOR HYDRAULIC FRACTURING OPERATIONS BEGINNING JANUARY 1, 2014. REFER TO OCC RULE 165:10-3-10 FOR COMPLIANCE REQUIREMENTS. PLEASE REPORT DIRECTLY TO FRACFOCUS USING THE FOLLOWING LINK [HTTP://FRACFOCUS.ORG/](http://fracfocus.org/) OR FOR OCC ASSISTANCE CONTACT DENNIS NISKERN AT 405-522-2977 OR D.NISKERN@OCCEMAIL.COM

Category	Description
INCREASED DENSITY - 556478	9/2/2014 -G91 - 20-22N-12W X 60260 MRMC 1 WELL SANDRIDGE EXPLORATION AND PRODUCTION L.L.C. 7-9-2008 (WELL SPUD 7-2-2008)
LOCATION EXCEPTION - 555393	9/2/2014 - G91 - 20-22N-12W X 60260 TNKW, CGGV, OSWG, RDFK, CRLM, MRMC, HNTN, OTHER 2180 FSL, 660 FEL SANDRIDGE EXPLORATION AND PRODUCTION L.L.C. 6-16-2008 (WELL SPUD 7-2-2008)
SPACING - 60260	9/2/2014 - G91- (640) 20-22N-12W EXT VARIOUS OTHER EXT 51977 RDFK EST TNKW, CGGV, OSWG, CRLM, MRMC, HNTN, OTHERS