

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 A

Approval Date: 08/29/2014

Expiration Date: 02/28/2015

Straight Hole

Oil & Gas

PERMIT TO RECOMPLETE

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 (CHEROKEE)	6609	9		
5	CHESTER LIME	6758	10		

Spacing Orders: 60260

Location Exception Orders: 555393

Increased Density Orders: 556478

Pending CD Numbers: 201405935

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

8/29/2014 - 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

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

093 24812 GLASGOW 1-20

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
INCREASED DENSITY - 556478	8/29/2014 - 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	8/29/2014 - G91 - 20-22N-12W X 60260 TNKW, CGGV, OSWG, RDFK*, CRLM, MNNG, MRMC, HNTN, OTHER 2180 FSL, 660 FEL SANDRIDGE EXPLORATION AND PRODUCTION L.L.C. 6-16-2008 (WELL SPUD 7-2-2008)
PENDING CD - 201405935	* S/B RDFKC* 8/29/2014 - G91 - 20-22N-12W X 60260 TNKW, MNNG, CGGV, OSWG NCT 2180 FSL, NCT 660 FEL NO OP. NAMED HEARING 9-2-2014
SPACING - 60260	8/29/2014 - G91- (640) 20-22N-12W EXT 51976/VARIOUS/59447 MNNG EXT 51977 RDFK* EST TNKW, CGGV, OSWG, CRLM, MRMC, HNTN, OTHERS  *S/B EXT 51977 RDFKC*