

API NUMBER: 049 25334

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

Approval Date: 02/03/2021
Expiration Date: 08/03/2022

Multi Unit Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Section: 06 Township: 3N Range: 4W County: GARVIN

SPOT LOCATION: SW NE NE NW FEET FROM QUARTER: FROM NORTH FROM WEST
SECTION LINES: 338 2077

Lease Name: SOMERS 0404 Well No: 2-31-30SXH Well will be 338 feet from nearest unit or lease boundary.
Operator Name: MARATHON OIL COMPANY Telephone: 866622378 OTC/OCC Number: 1363 0

MARATHON OIL COMPANY
5555 SAN FELIPE ST
HOUSTON, TX 77056

BRUCE EVANS
13257 HWY. 76
LINDSAY OK 73052

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

Name	Code	Depth
1 SPRINGER	401SPRG	12590

Spacing Orders: 659519 Location Exception Orders: 714837 Increased Density Orders: 714846
659775 714847
714838

Pending CD Numbers: No Pending

Working interest owners' notified: ***

Special Orders: No Special Orders

Total Depth: 22610 Ground Elevation: 1083

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 430

Deep surface casing has been approved

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

Approved Method for disposal of Drilling Fluids:

H. (Other)	SEE MEMO
G. Haul to recycling/re-use facility	Sec. 28 Twn. 2N Rng. 4W Cnty. 137 Order No: 702000

PIT 1 INFORMATION

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

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

This permit does not address the right of entry or settlement of surface damages. The duration of this permit is 18 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.

MULTI UNIT HOLE 1

Section: 30	Township: 4N	Range: 4W	Meridian: IM	Total Length: 10344
County: GARVIN				Measured Total Depth: 22610
Spot Location of End Point: NE	NE	NW	NE	True Vertical Depth: 13000
Feet From: NORTH	1/4 Section Line: 50			End Point Location from
Feet From: EAST	1/4 Section Line: 1600			Lease, Unit, or Property Line: 50

NOTES:

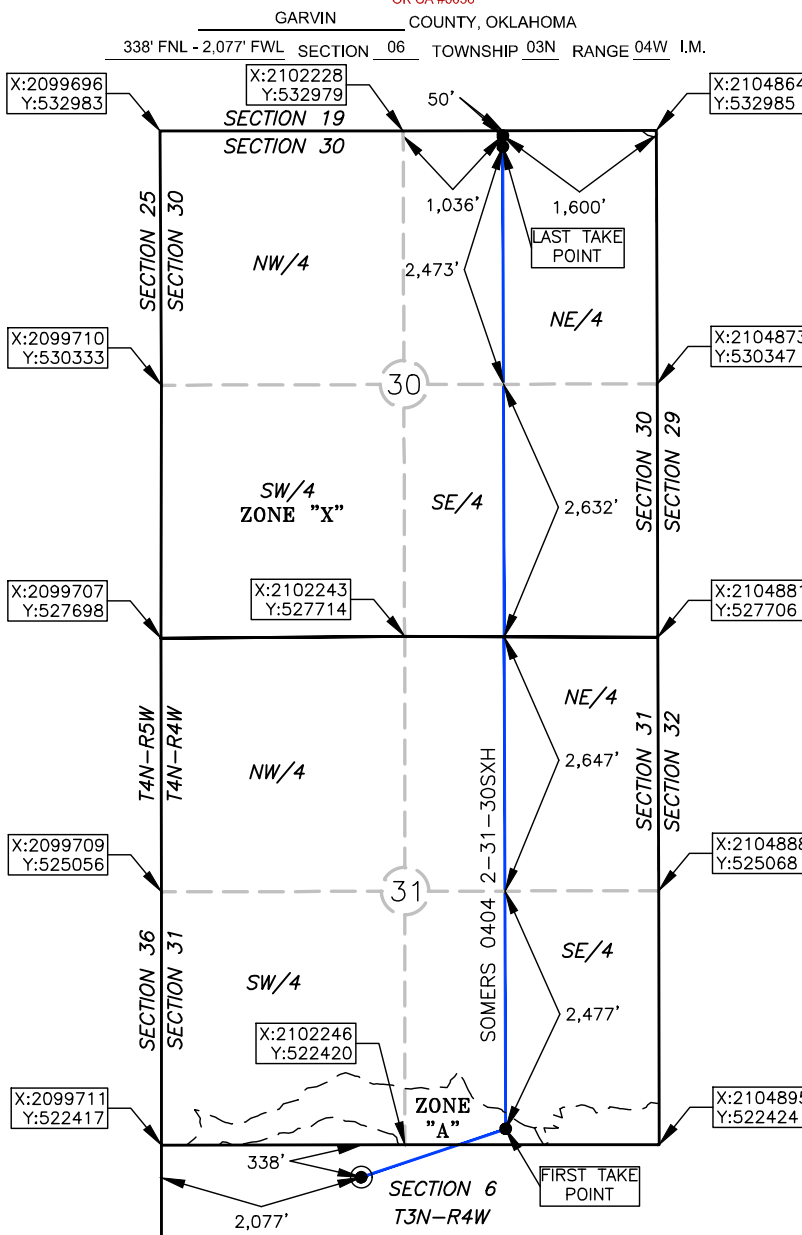
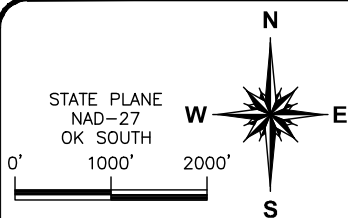
Category	Description
HYDRAULIC FRACTURING	<p>[2/1/2021 - GC2] - OCC 165:10-3-10 REQUIRES:</p> <p>1) NOTICE SHALL BE GIVEN AT LEAST 5 BUSINESS DAYS PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS ON A HORIZONTAL WELL TO OPERATORS PRODUCING WELLS WITHIN 1 MILE OF THE COMPLETION INTERVAL OF THE SUBJECT WELL. THE NOTICE TO SUCH OPERATORS SHALL CONTAIN THE INFORMATION IN FORM 6000NOO. IF THE HYDRAULIC FRACTURING OPERATIONS SCHEDULE CHANGES AFTER NOTICE HAS BEEN PROVIDED, RESULTING IN A DELAY OF OPERATIONS OF MORE THAN 5 DAYS FROM THE INITIAL NOTICE, NEW NOTICE IS REQUIRED TO BE GIVEN;</p> <p>2) NOTICE WILL BE GIVEN TO THE OCC CENTRAL OFFICE AND LOCAL DISTRICT OFFICES AT LEAST 48 HOURS PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS. FORM 6000NHF SHALL BE USED AND IS FOUND AT THIS LINK: OCCEWEB.COM/OG/OGFORMS.HTML; AND,</p> <p>3) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS IS TO BE REPORTED TO FRACFOCUS WITHIN 60 DAYS AFTER THE CONCLUSION OF HYDRAULIC FRACTURING OPERATIONS, FOUND AT FRACFOCUS.ORG</p>
INCREASED DENSITY - 714846	<p>[2/2/2021 - G56] - 30-4N-4W X659775 SPRG 1 WELL NO OP NAMED 10/12/2020</p>
INCREASED DENSITY - 714847	<p>[2/2/2021 - G56] - 31-4N-4W X659519 SPRG 1 WELL NO OP NAMED 10/12/2020</p>
LOCATION EXCEPTION - 714837	<p>[2/2/2021 - G56] - (I.O.) 30 & 31-4N-4W X659519 SPRG 31-4N-4W X659775 SPRG 30-4N-4W COMPL INT (30-4N-4W) NCT 150' FNL, NCT 0' FSL, NCT 330' FEL COMPL INT (31-4N-4W) NCT 0' FNL, NCT 150' FSL, NCT 330' FEL NO OP NAMED 10/9/2020</p>
MEMO	<p>[2/1/2021 - GC2] - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING</p>
MEMO	<p>[2/1/2021 - GC2] - CLOSED SYSTEM=STEEL PITS (REQUIRED - ROUND CREEK SITE), OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT</p>
SPACING - 659519	<p>[2/2/2021 - G56] - (640)(HOR) 31-4N-4W VAC 646397 SPRG EST SPRG POE TO BHL NLT 660' FB</p>
SPACING - 659775	<p>[2/2/2021 - G56] - (640)(HOR) 30-4N-4W VAC 218926 SPRG EST SPRG POE TO BHL NLT 660' FB</p>
SPACING - 714838	<p>[2/2/2021 - G56] - (I.O.) 30 & 31-4N-4W EST MULTIUNIT HORIZONTAL WELL X659519 SPRG 31-4N-4W X659775 SPRG 30-4N-4W 50% 30-4N-4W 50% 31-4N-4W NO OP NAMED 10/9/2020</p>

This permit does not address the right of entry or settlement of surface damages. The duration of this permit is 18 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.



ATWELL

866.850.4200 www.atwell-group.com
704 W. 41st Street | Sand Springs, OK 74063
OK CA #6036



PROPOSED
BOTTOM HOLE
50'FNL-1,600'FEL
NAD 27 (US FEET)
N34°47'50.3"
W97°39'21.8"
N34.797298
W97.656047
X:2103264
Y:532931

PROPOSED
LAST TAKE POINT
165'FNL-1,600'FEL
NAD 27 (US FEET)
N34°47'49.1"
W97°39'21.8"
N34.796982
W97.656047
X:2103265
Y:532816

PROPOSED
FIRST TAKE POINT
165'FSL-1,600'FEL
NAD 27 (US FEET)
N34°46'07.9"
W97°39'21.8"
N34.768874
W97.656063
X:2103294
Y:522587

PROPOSED
SURFACE HOLE
338'FNL-2,077'FWL
NAD 27 (US FEET)
N34°46'03.0"
W97°39'39.9"
N34.767498
W97.661084
X:2101788
Y:522081

OPERATOR: MARATHON OIL COMPANY

LEASE NAME: SOMERS 0404

WELL NO.: 2-31-30SXH

TOPOGRAPHY & VEGETATION: SCATTERED BRUSH & GRASS

ELEVATION:

1,086' GR. AT STAKE NAVD88

1,083' GR. AT STAKE NGVD29

GOOD DRILL SITE? YES

REFERENCE STAKES OR ALTERNATE LOCATION
STAKES SET NONE

BEST ACCESS TO LOCATION: FROM THE INTERSECTION OF N COUNTY ROAD 2990 & E 1550 RD.

DISTANCE AND DIRECTION
FROM HWY JCT OR TOWN BEGINNING AT THE INTERSECTION OF OK. HWY. 76 & E COUNTY RD. 1540 ±3.7 MI. SOUTH OF LINDSAY, OK. THENCE WEST ALONG E COUNTY RD. 1540
±4.0 MI. THENCE SOUTH ALONG N COUNTY RD. 2990 ±1.0 MI. THENCE SOUTHEAST ALONG AN EXISTING LEASE ROAD TOWARDS THE PROPOSED PAD.

DATUM: NAD 27

LAT: 34° 46' 03.0" N

LONG: 97° 39' 39.9" W

LAT: 34.767498° N

LONG: 97.661084° W

STATE PLANE

COORDINATES: (US FEET)

ZONE: OK SOUTH

X: 2101788

Y: 522081

This information was
gathered with a GPS receiver
with ±1 foot Horiz/Vert accuracy.

JOB NO.: 20000715

DATE OF DRAWING: 03/04/20

DATE STAKED: 02/26/20

CERTIFICATE:

I, MICHAEL C. RAY an Oklahoma Licensed Land
Surveyor and an authorized agent of Atwell, LLC, do
hereby certify to the information shown herein

Oklahoma Lic. No. 1653

