

API NUMBER: 143 24332

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

Approval Date: 03/25/2020

Expiration Date: 09/25/2021

Straight Hole

Injection

PERMIT TO DRILL

WELL LOCATION: Section: 09 Township: 21N Range: 13E County: TULSA

SPOT LOCATION: E2 W2 E2 SW FEET FROM QUARTER: FROM NORTH FROM EAST
SECTION LINES: 1320 800

Lease Name: BCU

Well No: 7-20

Well will be 800 feet from nearest unit or lease boundary.

Operator Name: GRAND RESOURCES INC

Telephone: 9183924413

OTC/OCC Number: 8702 0

GRAND RESOURCES INC

2448 E 81ST ST STE 4040

TULSA, OK 74137-4246

THOMAS E & DEBRA A BAKER

3821 EAST 106TH STREET NORTH

SPERRY OK 74073

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

| Name | Code | Depth |
|----------|---------|-------|
| 1 TUCKER | 404TCKR | 1260 |

Spacing Orders: No Spacing

Location Exception Orders: No Exceptions

Increased Density Orders: No Density Orders

Pending CD Numbers: No Pending

Special Orders: No Special Orders

Total Depth: 1400

Ground Elevation: 633

Surface Casing: 0

Depth to base of Treatable Water-Bearing FM: 70

Alternate Casing Program

Cement will be circulated from Total Depth to the Ground Surface on the Production Casing String.

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

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

H. CBL REQUIRED

PIT 1 INFORMATION

Type of Pit System: ON SITE

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 not located in a Hydrologically Sensitive Area.

Category of Pit: 2

Liner not required for Category: 2

Pit Location is: NON HSA

Pit Location Formation: SEMINOLE

NOTES:

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.

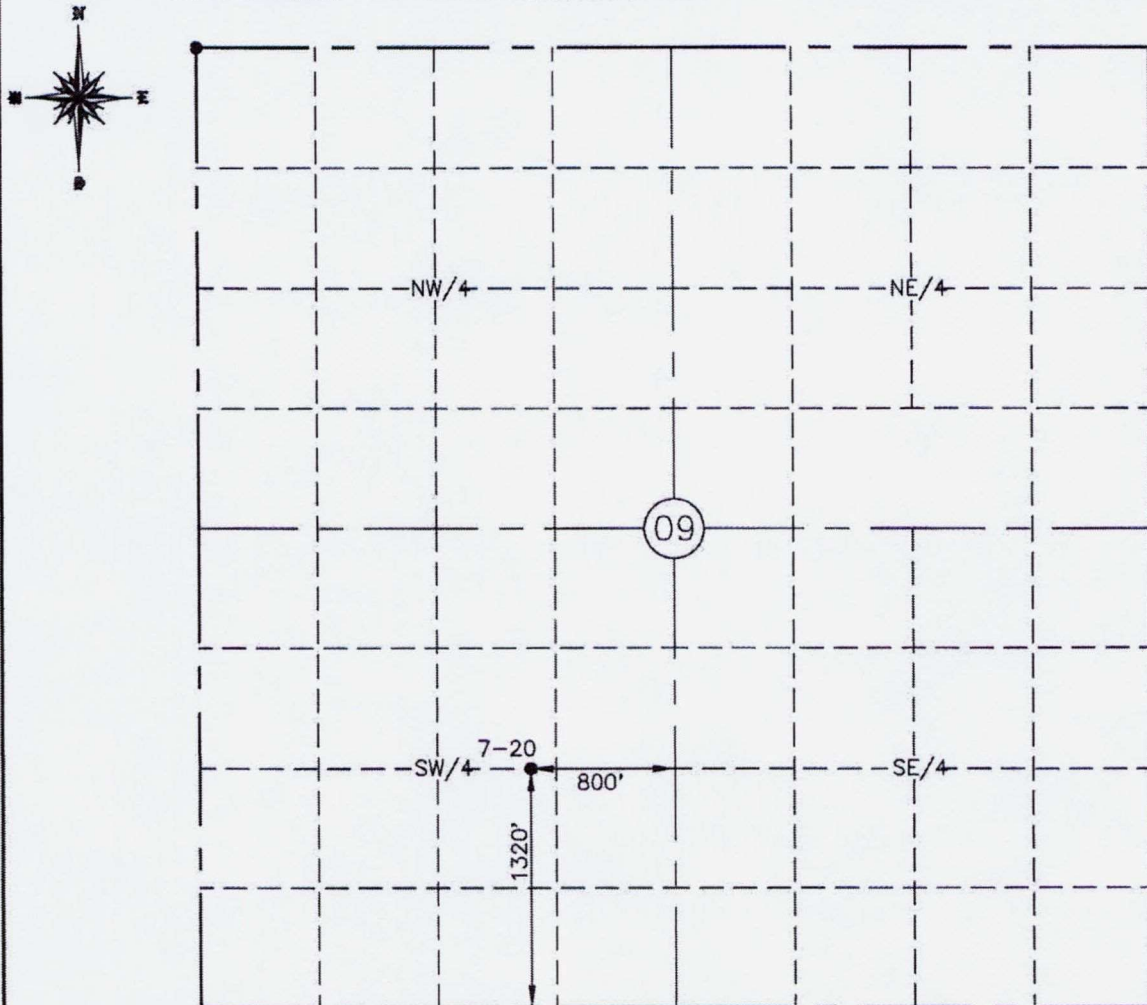
| Category | Description |
|----------------------|--|
| HYDRAULIC FRACTURING | <p>3/3/2020 - GC2 - OCC 165:10-3-10 REQUIRES:</p> <p>1) PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN 1/2 MILE;</p> <p>2) WITH NOTICE ALSO GIVEN 48 HOURS IN ADVANCE OF HYDRAULIC FRACTURING ALL WELLS TO BOTH THE OCC CENTRAL OFFICE AND LOCAL DISTRICT OFFICES, USING THE "FRAC NOTICE FORM" FOUND AT THE FOLLOWING LINK: OCCWEB.COM/OG/OGFORMS.HTML; AND,</p> <p>3) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS TO BE REPORTED TO FRACFOCUS WITHIN 60 DAYS AFTER THE CONCLUSION THE HYDRAULIC FRACTURING OPERATIONS, USING THE FOLLOWING LINK: FRACFOCUS.ORG</p> |
| SPACING | 3/3/2020 - GC2 - N/A DISPOSAL WELL |

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API: 14324332

WELL LOCATION PLAT

COMPANY: GRAND RESOURCES, INC LEASE: BIRD CREEK WELL NO. 7-20
QUARTER: SOUTHWEST SECTION: 9 TOWNSHIP: 21 NORTH RANGE: 13 EAST MERIDIAN: INDIAN
COUNTY: TULSA STATE: OKLAHOMA LOCATION: 1320' FSL 800' FEL ELEVATION: 633 (NAD 88)
LATITUDE: 36°18'40.366"N LONGITUDE: 95°55'53.950"W ACCURACY $\pm 2-3$ METERS STAKED: 02-11-20



SURVEY NOTES

DISTANCES SHOWN ARE BASED ON THE QUARTER SECTION BEING 2640 FEET. ACTUAL SECTION LINE DISTANCES HAVE NOT BEEN MEASURED. THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY. THIS LOCATION HAS BEEN CAREFULLY STAKED, UTILIZING THE BEST AVAILABLE SURVEY RECORDS, MAPS, PHOTOGRAPHS AND EQUIPMENT. HOWEVER, ITS EXACT POSITION IS NOT GUARANTEED.

CERTIFICATE OF SURVEY

I HEREBY CERTIFY THAT A SURVEY WAS MADE UNDER MY SUPERVISION OF THE ABOVE DESCRIBED WELL LOCATION AND THAT THIS PLAT IS A TRUE AND CORRECT REPRESENTATION OF SAID SURVEY.



MARK RIEDEL LS#1902

**ALTMAN & OSAGE
SURVEYING LLC.**
107 N. 4TH ST. STE 213
PONCA CITY, OK
918-287-4029
CA # 7862

GRAND RESOURCES INC
2448 EAST 81ST STREET, STE 4040
TULSA, OK 74137
WELL LOCATION IN
OSAGE COUNTY, OKLAHOMA

| |
|------------------------|
| SURVEYED BY: MJR |
| DRAWN BY: MJR |
| CHECKED BY: MJR |
| LAST ON SITE: 02/11/20 |
| DATE 02/17/20 |
| JOB NO: 20-004 |
| SHEET 1 OF 1 |