



STATE OF MISSOURI
MISSOURI DEPARTMENT OF NATURAL RESOURCES
GEOLOGICAL SURVEY PROGRAM
APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

APPLICATION TO DRILL DEEPEN PLUG BACK FOR AN OIL WELL OR GAS WELL

NAME OF COMPANY OR OPERATOR: MURCHISON OIL & GAS INC. DATE: 07/16/2014

ADDRESS: 1100 MIRA VISTA CITY: PLANO STATE: TX ZIP CODE: 75093

DESCRIPTION OF WELL AND LEASE

NAME OF LEASE: 3-Rice WELL NUMBER: 7-6-B ELEVATION (GROUND): 912

WELL LOCATION: 1155 ft. from North South section line 1485 ft. from East West section line

WELL LOCATION: Sec. 3 Township 33 North Range 31 East West LATITUDE: 37.63599 LONGITUDE: -94.31557 COUNTY: Barton 011

NEAREST DISTANCE FROM PROPOSED LOCATION TO PROPERTY OR LEASE LINE: 1155 FEET
DISTANCE FROM PROPOSED LOCATION TO NEAREST DRILLING, COMPLETED OR APPLIED - FOR WELL ON THE SAME LEASE: 660 FEET

PROPOSED DEPTH: 56' DRILLING CONTRACTOR, NAME AND ADDRESS: MURCHISON OIL & GAS INC. ROTARY OR CABLE TOOLS: CORE RIG APPROX. DATE WORK WILL START: 07/16/2014

NUMBER OF ACRES IN LEASE: 235 NUMBER OF WELLS ON LEASE INCLUDING THIS WELL, COMPLETED IN OR DRILLING TO THIS RESERVOIR: 2
NUMBER OF ABANDONED WELLS ON LEASE: 0

IF LEASE PURCHASED WITH ONE OR MORE WELLS DRILLED, FROM WHOM PURCHASED?
NAME: _____ ADDRESS: _____ NO. OF WELLS PRODUCING: 0
INJECTION: 0
INACTIVE: 0
ABANDONED: 0

STATUS OF BOND: SINGLE WELL AMOUNT \$ _____ BLANKET BOND AMOUNT \$ 20,000.00 ON FILE ATTACHED

REMARKS: (IF THIS IS AN APPLICATION TO DEEPEN OR PLUG BACK, BRIEFLY DESCRIBE WORK TO BE DONE, GIVING PRESENT PRODUCING/INJECTION ZONE AND EXPECTED NEW INJECTION ZONE. USE BACK OF FORM IF NEEDED)

PROPOSED CASING PROGRAM				APPROVED CASING - TO BE FILLED IN BY STATE GEOLOGIST			
AMOUNT	SIZE	WT/FT	CEMENT	AMOUNT	SIZE	WT/FT	CEMENT
NONE TO	BE SET						

I, the Undersigned, state that I am the Geologist of the MOGI (Company), and that I am authorized by said company to make this report, and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct, and complete to the best of my knowledge.

SIGNATURE: *Alu M...* DATE: 07/16/2014

PERMIT NUMBER: 20044

APPROVED DATE: 8-18-14

APPROVED BY: *Joseph A. Williams*

- DRILLER'S LOG REQUIRED E-LOGS REQUIRED IF RUN
- CORE ANALYSIS REQUIRED IF RUN DRILL SYSTEM TEST INFO REQUIRED IF RUN
- SAMPLES REQUIRED *Most extensive core on lease*
- SAMPLES NOT REQUIRED
- WATER SAMPLES REQUIRED AT

NOTE: THIS PERMIT NOT TRANSFERABLE TO ANY OTHER PERSON OR TO ANY OTHER LOCATION.

APPROVAL OF THIS PERMIT BY THE OIL AND GAS COUNCIL DOES NOT CONSTITUTE ENDORSEMENT OF THE GEOLOGIC MERITS OF THE PROPOSED WELL NOR ENDORSEMENT OF THE QUALIFICATIONS OF THE PERMITTEE

I, _____ of the _____ (Company), confirm that an approved drilling permit has been obtained by the owner of this well. Council approval of this permit will be shown on this form by presence of a permit number and signature of authorized council representative.

DRILLER'S SIGNATURE: _____ DATE: _____

RECEIVED

JUL 29 2014

FORM OGC-4



STATE OF MISSOURI
MISSOURI DEPARTMENT OF NATURAL RESOURCES
GEOLOGICAL SURVEY PROGRAM
WELL LOCATION PLAT

Mo Oil & Gas Council

OWNER'S NAME
Murchison Oil & Gas

LEASE NAME
3-Rice

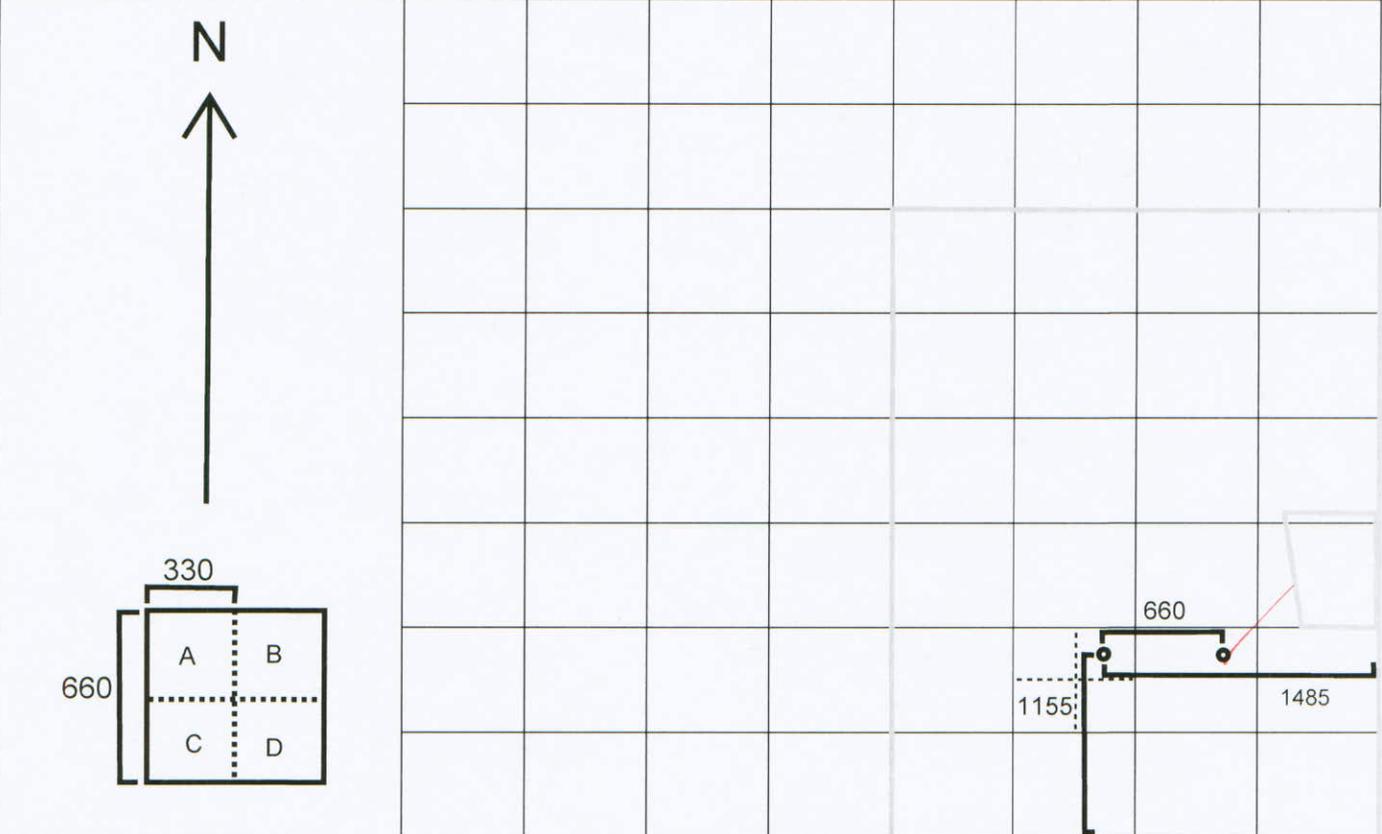
COUNTY
Barton

WELL LOCATION (GIVE FOOTAGE FROM SECTION LINES)
1155 ft. from North South from section line 1485 ft. from East West from section line

WELL LOCATION
Sec. 3 Township 33 North Range 31 East West

LATITUDE
37.63599

LONGITUDE
-94.31557



REMARKS

 = Murchison Lease Hold

Exhibit A

INSTRUCTIONS

On the above plat, show distance of the proposed well from the two nearest section lines, the nearest lease line, and from the nearest well on the same lease completed in or drilling to the same reservoir. Do not confuse survey lines with lease lines. See rule 10 CSR 50-2.030 for survey requirements. Lease lines must be marked.

This is to certify that I have executed a survey to accurately locate oil and gas wells in accordance with 10 CSR 50-2.030 and that the results are correctly shown on the above plat.

REMIT TWO (2) COPIES TO:
GEOLOGICAL SURVEY PROGRAM
PO BOX 250, ROLLA, MO 65402-0250 (573) 368-2143
ONE (1) COPY WILL BE RETURNED

REGISTERED LAND SURVEYOR

NUMBER



Check Location

Select a coordinate format, enter a pair of coordinates in the boxes below it, and then press the SUBMIT button. Please be patient while your information is retrieved. Your coordinates will be converted to the other formats, the information on the right-hand side of the page will be filled in based on your coordinates, and a map will be generated. NOTE: All coordinates must use the North American Datum of 1983 (NAD83).

<input type="button" value="Submit"/>	<p>UTM Zone 15N [Easting, Northing] [383925.2, 4166242.4] meters</p> <p>Decimal Degrees [Lat, Lon] [37.63599°, -94.31557°]</p> <p>Deg, Min, Sec [Lat, Lon] [37° 38' 9.5", -94° 18' 56.0"]</p> <p>County Name Barton</p> <p>County FIPS Code 011</p> <p>Legal Description Section 03 T33N R31W</p> <p>Municipality NO VALUE</p> <p>House District 127</p> <p>Senate District 31</p> <p>Congressional District 4</p> <p>MoDNR Region Southwest Regional Office</p> <p>USGS 1:24,000 Quadrangle Sheldon [37094-F3]</p> <p>8 Digit Watershed 10290104 [Marmaton]</p> <p>10 Digit Watershed 1029010404 [Little Dry Wood Creek]</p> <p>12 Digit Watershed 102901040402 [Pleasant Run Creek]</p> <p>Special Well Drilling Area Area 2</p> <p>Ecological Drainage Unit Central Plains/Osage/South Grand</p> <p>Level III Ecoregion Central Irregular Plains</p> <p>Query Time 7.859 s</p>
<p><input type="radio"/> Universal Transverse Mercator [Zone 15 North]</p> <p>Easting 383925.26356182765 meters</p> <p>Northing 4166242.4280238734 meters</p>	
<p><input type="radio"/> Decimal Degrees</p> <p>Latitude 37.63599 °</p> <p>Longitude -94.31557 °</p>	
<p><input type="radio"/> Degrees, Minutes and Seconds</p> <p>Latitude Degrees 37 °</p> <p>Latitude Minutes 38 '</p> <p>Latitude Seconds 9.5639999999986 "</p> <p>Longitude Degrees -94 °</p> <p>Longitude Minutes 18 '</p> <p>Longitude Seconds 56.05199999997808 "</p>	

Rows with **red** text indicate that the input location is too close to a boundary to produce reliable results.

NOTE: A result of 'NO VALUE' is usually an indication that no data was found for the location. For example, not every point in Missouri will lie within a municipal boundary, so some will result in a 'NO VALUE'. If 'County Name' results in 'NO VALUE', your point probably lies outside the state.

Metadata

- Roads
- Railroads
- County Boundaries
- Municipal Boundaries
- Lakes and Ponds
- Rivers and Streams
- Missouri River





STATE OF MISSOURI
MISSOURI DEPARTMENT OF NATURAL RESOURCES
GEOLOGICAL SURVEY PROGRAM
PLUGGING RECORD

FORM OGC-7

OWNER'S NAME Muchison Oil & Gas		ADDRESS 1100 Mira Vista Plano, TX 75093		
NAME OF LEASE 3-Rice		WELL NUMBER 7-6-13	PERMIT NUMBER (OGC-3 OR OGC-31 NUMBER) 23496	
LOCATION OF WELL SEC TWN RNG OR BLOCK AND SURVEY Sec. 3 Township 33 North Range 31 <input type="checkbox"/> East <input checked="" type="checkbox"/> West		LATITUDE 37.63599	LONGITUDE -94.31557	COUNTY Barton
APPLICATION TO DRILL THIS WELL WAS FILED IN NAME OF:		HAS THIS WELL EVER PRODUCED OIL OR GAS? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		CHARACTER OF WELL AT COMPLETION (INITIAL PRODUCTION) OIL (BBLS/DAY) 0 GAS (MCF/DAY) 0
DATE OF ABANDONMENT 07/28/2014		TOTAL DEPTH 56'	AMOUNT WELL PRODUCING PRIOR TO ABANDONMENT OIL (BBLS/DAY) 0 GAS (MCF/DAY) 0	WATER (BBLS/DAY) 0

Name of each formation containing oil or gas. Indicate which formation open to well bore at time of abandonment	Fluid content of each formation	Depth interval of each formation	Size, kind, and depth of plugs used, giving amount of cement.
Blue Jacket	Oil	9-40' ✓	Cement plug up until about 5' to surface

SIZE PIPE	PUT IN WELL (FT)	PULLED OUT (FT)	LEFT IN WELL (FT)	GIVE DEPTH AND METHOD OF PARTING CASING (SHOT, RIPPED, ETC.)	PACKERS AND SHOES
none					none

WAS WELL FILLED WITH MUD-LADEN FLUID? Yes No

INDICATE DEEPEST FORMATION CONTAINING FRESH WATER

NAME AND ADDRESSES OF ADJACENT LEASE OPERATORS OR OWNERS OF THE SURFACE

NAME	ADDRESS	DIRECTION FROM THIS WELL
Not Necessary Per GSP O&G		

METHOD OF DISPOSAL OF MUD PIT CONTENTS: n/a

NOTE: FILE THIS FORM IN DUPLICATE WITH: (USE REVERSE SIDE FOR ADDITIONAL DETAIL)

CERTIFICATE I, the undersigned, state that I am the Geologist of the Murchison Oil & Gas (Company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

SIGNATURE: *Alto M...* DATE: **07/16/2014**

DETAIL OF FORMATIONS PENETRATED

FORMATION	TOP	BOTTOM	DESCRIPTION (SEE * BELOW)
Top Soil	0	9	Top soil and clay mix
Blue Jacket	9	40	Oil Bearing Sandstone ✓
Warner	40	56	Harder Sandstone

NOTE * Show all important zones of porosity, detail of all cores, and all drill-stem tests, including depth interval tested, cushion used, time tool open flowing and shut-in pressures, and recoveries.

INSTRUCTIONS Attach drillers log or other acceptable log of well if available.
 This Well Completion or Recompletion report and well log shall be filed with the Missouri State Geologist not later than 30 days after project completion.