

API NUMBER: 137 27606

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

Approval Date: 03/16/2020

Expiration Date: 09/16/2021

Multi Unit

Oil & Gas

## PERMIT TO DRILL

WELL LOCATION: Section: 22 Township: 1S Range: 4W County: STEPHENS

SPOT LOCATION: ☐ NW ☐ SW ☐ SE ☐ SE FEET FROM QUARTER: FROM SOUTH FROM EAST  
SECTION LINES: 360 1110

Lease Name: BRIAN 27-34 Well No: S1H Well will be 360 feet from nearest unit or lease boundary.

Operator Name: CHEYENNE PETROLEUM COMPANY Telephone: 4059366220 OTC/OCC Number: 5593 0

CHEYENNE PETROLEUM COMPANY  
14000 QUAIL SPRINGS PKWY STE 2200  
OKLAHOMA CITY, OK 73134-2617

JOHN C GILBY TRUST AND BARBARA A GILBY TRUST  
PO BOX 36  
VELMA OK 73491

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

Name	Code	Depth
1 SYCAMORE	352SCMR	8486

Spacing Orders: 707564 Location Exception Orders: No Exceptions Increased Density Orders: No Density Orders  
707563

Pending CD Numbers: 202000424 Special Orders: No Special Orders  
202000425

Total Depth: 19014 Ground Elevation: 966 Surface Casing: 1500 Depth to base of Treatable Water-Bearing FM: 380

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:

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 19-37020  
H. SEE MEMO

### 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: GARBER

### 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: GARBER

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: 34		Township: 1S		Range: 4W		Total Length: 10300
County: STEPHENS				Measured Total Depth: 19014		
Spot Location of End Point: SW		SE	SE	SE	True Vertical Depth: 8500	
Feet From: <b>SOUTH</b>		1/4 Section Line: 50			End Point Location from	
Feet From: <b>EAST</b>		1/4 Section Line: 375			Lease,Unit, or Property Line: 50	

NOTES:	
Category	Description
DEEP SURFACE CASING	10/3/2019 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING
HYDRAULIC FRACTURING	10/3/2019 - G71 - OCC 165:10-3-10 REQUIRES:  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;  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: <a href="http://OCCWEB.COM/OG/OGFORMS.HTML">OCCWEB.COM/OG/OGFORMS.HTML</a> ; AND,  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: <a href="http://FRACFOCUS.ORG">FRACFOCUS.ORG</a>
MEMO	10/3/2019 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
PENDING CD - 202000424	3/11/2020 - GB1 - (I.O.) S2 NW4, NE4, SE4, SW4 27 & 34-1S-4W EST MULTIUNIT HORIZONTAL WELL X707563 SCMR S2 NW4, NE4, SE4, SW4 27-1S-4W X707564 SCMR 34-1S-4W 50% S2 NW4, NE4, SE4, SW4 27-1S-4W 50% 34-1S-4W NO OP NAMED REC 3/9/2020 (JOHNSON)
PENDING CD - 202000425	3/11/2020 - GB1 - (I.O.) S2 NW4, NE4, SE4, SW4 27 & 34-1S-4W X707563 SCMR S2 NW4, NE4, SE4, SW4 27-1S-4W X707564 SCMR 34-1S-4W COMPL INT (S2 NW4, NE4, SE4, SW4 27-1S-4W) NCT 0' FSL, NCT 165' FNL, NCT 330' FEL COMPL INT (34-1S-4W) NCT 0' FNL, NCT 165' FSL, NCT 330' FEL NO OP NAMED REC 3/9/2020 (JOHNSON)
SPACING - 707563	3/11/2020 - GB1 - (560)(HOR)(IRR) S2 NW4, NE4, SE4, SW4 27-1S-4W VAC 117461/117641 SCMR SE4 VAC 126636 SCMR W2 NE4 EST SCMR COMPL INT NLT 660' FB (COEXIST SP #111974 SCMR E2 NE4)
SPACING - 707564	3/11/2020 - GB1 - (640)(HOR) 34-1S-4W EST SCMR COMPL INT NLT 660' FB
WATERSHED STRUCTURE	10/3/2019 - G71 - WELL WITHIN 1/2 MILE OF AN OKLAHOMA CONSERVATION COMMISSION WATERSHED STRUCTURE. CONTACT THE LOCAL CONSERVATION DISTRICT OFFICE AT (580) 255-5798 PRIOR TO DRILLING