| | 23838 Oil & Gas | OIL & GAS | ORPORATION C CONSERVATION P.O. BOX 52000 MA CITY, OK 731 Rule 165:10-3-1) | DIVISION | Approval Date: 01/28/2014 Expiration Date: 07/28/2014 | |
|--------------------------------------|-------------------------|---------------------------|---|--|--|--|
| | | Р | ERMIT TO DRILL | | | |
| | | <u>-</u> | | | | |
| WELL LOCATION: Sec: | 30 Twp: 7N | Rge: 4E County: POTTA | WATOMIE | | | |
| SPOT LOCATION: N2 | SENE | SECTION LINES: | OUTH FROM WES | | | |
| Lease Name: MICHE | LLE | Well No: 2 | -30 | Well will be | 240 feet from nearest unit or lease boundary. | |
| Operator SHA Name: | ARBER BILLY JACK C | OPERATING LLC | Telephone: 405382 | 5740 | OTC/OCC Number: 21553 0 | |
| SHARBER BILL PO BOX 71 KONAWA, | _Y JACK OPERA | TING LLC OK 74849-0071 | | | | |
| | | | | OKLAHOMA CITY | OK 73132- | |
| | | | | | | |
| Formation(s) (Pe | ermit Valid for Lis | ted Formations Only): | | | | |
| Name | | Depth | | Name | Depth | |
| 1 CALVIN | l | 3200 | 6 | SIMPSON DOLOMITE | 4330 | |
| 2 SKINNE | R | 3450 | 7 | WILCOX | 4380 | |
| 3 EARLSE | BORO | 3600 | 8 | | | |
| 4 WOODF | FORD | 3800 | 9 | | | |
| 5 VIOLA | | 4280 | 10 | | | |
| Spacing Orders: 36412 | | Location Exception Or | ders: | h | ncreased Density Orders: | |
| Pending CD Numbers: | | | | s | Special Orders: | |
| Total Depth: 4400 | Ground Elev | vation: 959 Surface Ca | asing: 260 | Depth | to base of Treatable Water-Bearing FM: 210 | |
| Under Federal Jurisdic | tion: No | Fresh Water Si | upply Well Drilled: No | | Surface Water used to Drill: Yes | |
| PIT 1 INFORMATION | | | Approve | d Method for disposal of Drilli | ng Fluids: | |
| Type of Pit System: ON | I SITE | | A. Evap | A. Evaporation/dewater and backfilling of reserve pit. | | |
| Type of Mud System: V | | | | | | |
| Chlorides Max: 8000 Ave | | | | | | |
| Is depth to top of ground | - | t below base of pit? Y | H. 20-N | IIL LINER REQUIRED | | |
| Within 1 mile of municipa | - | | | | | |
| Wellhead Protection Area | | | | | | |
| | Hydrologically Sensitiv | ve Area. | | | | |
| Category of Pit: 1A | | | | | | |
| Liner required for Categ | gory: 1A | | | | | |
| Pit Location is BED A | | | | | | |
| Pit Location Formation: | OSCAR | | | | | |
| Looddon i onnauoll. | 000/11 | | | | | |

Notes:

| Category | Description |
|--|---|
| FRAC FOCUS | 1/16/2014 - G71 - 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/ OR FOR OCC ASSISTANCE CONTACT DENNIS NISKERN AT 405-522-2977 OR D.NISKERN@OCCEMAIL.COM |
| MUNICIPAL WATER WELLS/WELLHEAD PROTECTION AREAS | 1/16/2014 - G71 - ST LOUIS RWD - 2 WELLS, N/2 31-T7N-R4E |
| SPACING | 1/17/2014 - G30 - CALVIN, SKINNER, WOODFORD UNSPACED; 40 ACRE LEASE (NE4 NW4) |
| SPACING - 36412 | 1/17/2014 - G30 - (10) NW4 30-7N-4E EST WLCX, SMPSD, VIOL, MSRH, ERLB |