| PI NUMBER: 119 24263 A izontal Hole Oil & Gas nd reason: CHANGE PIT; ADD SOIL FARMING PERMIT | OIL & GAS OKLAHC | CORPORATION COMMISSI CONSERVATION DIVISION P.O. BOX 52000 MA CITY, OK 73152-2000 (Rule 165:10-3-1) ND PERMIT TO DRILL | Approval Date: 0 | 08/29/2014 02/28/2015 |
|--|-------------------------|--|--|--------------------------|
| WELL LOCATION: Sec: 01 Twp: 19N Rge: 18 SPOT LOCATION: N2 N2 NW NW | FEET FROM QUARTER: FROM | E SOUTH FROM WEST 2415 660 | | |
| Lease Name: PICKENS | | 1-36H | Well will be 200 feet from nearest ur | it or lease boundary. |
| Operator TRUEVINE OPERATING LLC Name: | | Telephone: 5804277919 | OTC/OCC Number: | 22516 0 |
| TRUEVINE OPERATING LLC PO BOX 1422 ADA, OK | 74821-1422 | ERNST & P.O. BOX STILLWAT | | 5 |
| Formation(s) (Permit Valid for Listed For | mations Only): | | | |
| Name | Depth | Name | Depth | |
| 1 MISSISSIPPIAN | 4540 | 6 | | |
| 2 WOODFORD 3 | 4780 | 7 8 | | |
| 4 | | 9 | | |
| 5 | | 10 | | |
| Spacing Orders: 615459 | Location Exception C | Drders: | Increased Density Orders: | |
| | <u> </u> | | | |
| Pending CD Numbers: | | | Special Orders: | |
| Total Depth: 9130 Ground Elevation: 93 | ³² Surface C | casing: 160 | Depth to base of Treatable Water-Bea | aring FM: 110 |
| Under Federal Jurisdiction: No | Fresh Water | Supply Well Drilled: No | Surface Water used | to Drill: Yes |
| PIT 1 INFORMATION | | Approved Method for d | lisposal of Drilling Fluids: | |
| Type of Pit System: CLOSED Closed System Means | Steel Pits | | | |
| Type of Mud System: WATER BASED | | D. One time land appl | lication (REQUIRES PERMIT) | PERMIT NO: 14-2841 |
| Chlorides Max: 5000 Average: 3000 | | H. CLOSED SYSTEM | H. CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST | |
| Is depth to top of ground water greater than 10ft below be | ase of pit? Y | | | |
| Within 1 mile of municipal water well? N | | | | |
| Wellhead Protection Area? N | | | | |
| Dit is loosted in a Underlandedly Constant - Are- | | | | |
| Pit is located in a Hydrologically Sensitive Area. | | | | |
| Category of Pit: C | | | | |
| | | | | |

HORIZONTAL HOLE 1

Sec 36 Twp 20N Rge 1E County NOBLE Spot Location of End Point: SW NE NW NW Feet From: SOUTH 1/4 Section Line: 1992 Feet From: WEST 1/4 Section Line: 777 Depth of Deviation: 3870 Radius of Turn: 807 Direction: 2 Total Length: 3992 Measured Total Depth: 9130 True Vertical Depth: 4780 End Point Location from Lease. Unit, or Property Line: 648 Notes: Category Description COMPLETION INTERVAL 8/28/2014 - G75 - GREATER THAN 660' FROM BOUNDARIES OF 36-20N-1E FOR MISSISSIPPIAN AND GREATER THAN 330' FOR WOODFORD PER OPERATOR SPACING - 615459 8/28/2014 - G75 - (640)(HOR) 36-20N-1E VAC 168984 MSSCT, MSSLM, OTHER EST OTHERS EXT 610478 MSSP, WDFD, OTHER COMPL. INT. (MSSP) NLT 660' FB COMPL. INT (WDFD) NLT 330' FB SURFACE LOCATION 8/27/2014 - G75 - 200' FNL, 2415' FSL, 660' FWL 1970' FEL NW4 1-19N-1E PER SURVEY PLAT;