



FORM C-108 Technical Review Summary [Prepared by reviewer and included with application; V17]

DATE RECORD: First Rec: 09/05/2019 Admin Complete: 09/05/2019 or Suspended: Add. Request/Reply:

ORDER TYPE: SWD Number: 2267 Order Date: Legacy Permits/Orders:

Well No. Well Name(s): Kizer SWD #2

API : 30-041-Pending Spud Date: New or Old (EPA): (UIC Class II Primacy 03/07/1982)

Footages 334' FSL and 992' FWL Lot or Unit M Sec 26 Tsp 7S Rge 33E County Roosevelt

General Location: Pool: SWD;Devonian-Silurian Pool No.: 97869

BLM 100K Map: Operator: Ridgeway Arizona Oil Corp OGRID: 164557 Contact: William Boyd

COMPLIANCE RULE 5.9: Total Wells: 271 Inactive: 0 Fincl Assur: Compl. Order? IS 5.9 OK? Date:

WELL FILE REVIEWED Current Status: Pre-Drill

WELL DIAGRAMS: NEW: Proposed or RE-ENTER: Before Conv. After Conv. Logs in Imaging:

Planned Rehab Work to Well:

| Well Construction Details | Sizes (in) Borehole / Pipe | Setting Depths (ft) | Cement Sx or Cf | Cement Top and Determination Method | |
|--|-------------------------------|---------------------------------|--------------------|--|-----------------------------|
| Planned or Existing Surface | 13.5 / 10.75 surf | 2200 surf | Stage Tool | 565 lead, 170 tail | Circulation to Surface |
| Planned or Existing Interm/Prod | 9.875 / 7.625 | 10,500 | | 1660 in three stages | Circulation and calculation |
| Planned or Existing Interm/Prod | | | | | |
| Planned or Existing Prod/Liner | | | | | |
| Planned or Existing Liner | 5.5 pipe | 10,440 | | | |
| Planned or Existing OH / PERF | 9.875 hole | 10,700 | Inj Length 200 | Completion/Operation Details: | |
| Injection Lithostratigraphic Units: | Depths (ft) | Injection or Confining Units | Tops | Drilled TD PBTB | |
| Adjacent Unit: Litho. Struc. Por. | Miss LS | Limestone | 9800 | NEW TD NEW PBTB | |
| Confining Unit: Litho. Struc. Por. | Woodford | Shale | 1100 | NEW Open Hole or NEW Perfs | |
| Proposed Inj Interval TOP: | Devonian | Limestone | 10500 | Tubing Size 5.5 in. Inter Coated? | |
| Proposed Inj Interval BOTTOM: | Devonian Silurian | Limestone | 10700 | Proposed Packer Depth 10440 ft | |
| Confining Unit: Litho. Struc. Por. | Ordovician/montoya | Shale | | Min. Packer Depth 10400 (100-ft limit) | |
| Adjacent Unit: Litho. Struc. Por. | Ordovician/Ellinbug | Sandstone | | Proposed Max. Surface Press. 2100 psi | |
| AOR: Hydrologic and Geologic Information | | | | Admin. Inj. Press. (0.2 psi per ft) | |
| POTASH: R-111-P NA Noticed? BLM Sec Ord WIPP Noticed? Salt/Salado T: 2223_B: 22293_NW: Cliff House fm | | | | | |
| USDW: Aquifer(s) Ogallala Max Depth 300 HYDRO AFFIRM STATEMENT By Qualified Person | | | | | |
| NMOSE Basin: Causey Lingo CAPITAN REEF: thru adj NA No. GW Wells in 1-Mile Radius? 1 FW Analysis? NA | | | | | |
| Disposal Fluid: Formation Source(s) San Andreas Analysis? Yes On Lease Operator Only or Commercial | | | | | |
| Disposal Interval: Inject Rate (Avg/Max BWPD): 15000/25000 Protectable Waters? OGL Source: USGS System: Closed or Open | | | | | |
| HC Potential: Producing Interval? No Method: Logs/DST/P&A/Other Mud logs, Other 2-Mi Radius Pool Map | | | | | |
| AOR Wells: 1/2-M Y or ONE-M Y RADIUS MAP/WELL LIST: Total Penetrating Wells: 1 [AOR Hor: AOR SWDs: Y] | | | | | |
| Penetrating Wells: No. Active Wells 0 No. Corrective? 0 on which well(s)? 1 P&A Well Diagrams? Yes | | | | | |
| Penetrating Wells: No. P&A Wells 1 No. Corrective? on which well(s)? Chaberoo Bough "C" Diagrams? Y | | | | | |
| Induced-Seismicity Risk Assess: analysis submitted Y historical/catalog review Y fault-slip model N probability N | | | | | |
| NOTICE: 1/2-M Y or ONE-M Y : Newspaper Date 08/21/19 Mineral Owner* Y Surface Owner Y N. Date 08/23/19 | | | | | |
| RULE 26.7(A): Identified Tracts? Y Affected Persons*: Y N. Date 08/23/19 | | | | | |
| * new definition as of 12/28/2018 [any the mineral estate of United States or state of New Mexico; SWD operators within the notice radius] | | | | | |

Order Conditions: Issues: Plug back if Montoya is pentetrated

Additional COAs: