


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

DATE RECORD: First Rec: 11/14/18 Admin Complete: 11/29/18 or Suspended: _____ Add. Request/Reply: _____

ORDER TYPE: WFX / PMX / SWD Number: 1853 Order Date: _____ Legacy Permits/Orders: _____

 Well No. 1 Well Name(s): Kodak SWD

 API: 30-0 25-45391 Spud Date: 780 New or Old (EPA): New (UIC Class II Primacy 03/07/1982)

 Footages 736 FSL 771 FWL _____ Lot _____ or Unit M Sec 8 Tsp 19 S Rge 33 E County Lea

 General Location: 30 miles west of Hobbs Pool: SWD; Devonian-Silurian Pool No.: 97869

 BLM 100K Map: _____ Operator: 3800 Field Service OGRID: 372603 Contact: Tyler Mochlman
COMPLIANCE RULE 5.9: Total Wells: 13 Inactive: 0 Fincl Assur: OK Compl. Order? No IS 5.9 OK? Yes Date: 11/8/19
WELL FILE REVIEWED ☒ Current Status: New well
WELL DIAGRAMS: NEW: Proposed ☒ or RE-ENTER: Before Conv. ☐ After Conv. ☐ Logs in Imaging: N/A

 Planned Rehab Work to Well: N/A

Well Construction Details		Sizes (in) Borehole / Pipe	Setting Depths (ft)	Cement or Cf	Cement Top and Determination Method
Planned ___ or Existing ___ Surface		26 20	120	Stage Tool	328 surface Circulate
Planned ___ or Existing ___ Interm/Prod		17.5 13 3/8	1580		1374 surface Circulate
Planned ___ or Existing ___ Interm/Prod		12 1/4 7 5/8	7740		2079 surface Circulate
Planned ___ or Existing ___ Prod/Liner		8 1/2 7 5/8	7490 - 14751		703 7440 logging
Planned ___ or Existing ___ Liner					
Planned ___ or Existing ___ OH / PERF		6 1/2	14751 - 16400	Inj Length 16429	16499

Injection Lithostratigraphic Units:	Depths (ft)	Injection or Confining Units	Tops
Adjacent Unit: Litho. Struc. Por.			
Confining Unit: Litho. Struc. Por.		woodford	14607
Proposed Inj Interval TOP:	14751	Devonian	14751
Proposed Inj Interval BOTTOM:	16400	Silurian	
Confining Unit: Litho. Struc. Por.		Sylvan shale	
Adjacent Unit: Litho. Struc. Por.			

AOR: Hydrologic and Geologic Information	
POTASH: R-111-P <u>NO</u> Noticed? <u>N/A</u> BLM Sec Ord <u>NO</u> WIPP <u>NO</u> Noticed? _____ Salt/Salado T: <u>1570</u> B: _____ NW: Cliff House fm <u>NO</u>	
USDW: Aquifer(s) <u>Aostler</u> Max Depth <u>< 1570</u> HYDRO AFFIRM STATEMENT By Qualified Person ☒	
NMOSE Basin: _____ CAPITAN REEF: thru _____ adj <u>0.4 miles</u> NA No. GW Wells in 1-Mile Radius? <u>1</u> FW Analysis? <u>Yes</u>	
Disposal Fluid: Formation Source(s) <u>Bone Spring / wolfcamp</u> Analysis? <u>Yes</u> On Lease ☐ Operator Only ☐ or Commercial ☒	
Disposal Interval: Inject Rate (Avg/Max BWPD): <u>20000 / 25000</u> Protectable Waters? <u>No</u> Source: <u>reference</u> System: <u>Closed</u> or Open	
HC Potential: Producing Interval? <u>No</u> Formerly Producing? <u>No</u> Method: Logs/DST/P&A/Other <u>mud log</u> 2-Mi Radius Pool Map ☒	
AOR Wells: 1/2-M _____ or ONE-M ☒ RADIUS MAP/WELL LIST: Total Penetrating Wells: <u>0</u> [AOR Hor: <u>0</u> AOR SWDs: <u>0</u>]	
Penetrating Wells: No. Active Wells <u>0</u> No. Corrective? <u>0</u> on which well(s)? <u>N/A</u> Diagrams? <u>N/A</u>	
Penetrating Wells: No. P&A Wells <u>0</u> No. Corrective? <u>0</u> on which well(s)? <u>N/A</u> Diagrams? <u>N/A</u>	
Induced-Seismicity Risk Assess: analysis submitted ☒ historical/catalog review ☒ fault-slip model <u>NO</u> probability <u>Low</u>	
NOTICE: 1/2-M _____ or ONE-M ☒ : Newspaper Date <u>11/8/18</u> Mineral Owner* <u>BLM</u> Surface Owner <u>Smith Kenneth Est</u> N. Date <u>11/16/18</u>	
RULE 26.7(A): Identified Tracts? <u>Yes</u> Affected Persons*: <u>many</u> N. Date <u>11/16/18</u>	

* 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: _____

 Additional COAs: mud log to determine hydro carbon / CBL for liner to determine TOC