Form 3160-5 (April 2004)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SEP	23	2009
-----	----	------

OCD AMCCOLA

FORM APPROVED OMB NO. 1004-0137 " Expires March 31, 2007

6. If Indian, Allottee or Tribe Name

5. Lease Serial No.

NM NM 98791

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an

abandoned well. Use Fon	m 3160-3 (APD) fo	r such proposals.		ļ	
SUBMIT IN TRIPLICATE -	Other instructions	on reverse side		7. If Unit or CA	/Agreement, Name and/or No
1 Type of Well Oil Well X Gas Well Other 2. Name of Operator			8. Well Name and No. STRONG BOX 1921-11 1		
PARALLEL PETROLEUM CORPORATION				9. API Well No.	
3a. Address		3b. Phone No. (include a	rea code)	30-015-3514	
P.O. BOX 10587, MIDLAND, TX 79702		432-685-6563			ool, or Exploratory Area
4. Location of Well (Footage, Sec., T., R., M., or Survey	Description)				W, WOLFCAMP,
SL: 1460 FNL & 125 FEL, SEC 11, T-1	.9-S, R-21-E			S/W 97553	<u> </u>
ACTUAL: PP: 1434 FNL & 945 FEL;				11. County or l	Parish, State
EHL: 1414 FNL & 682 FWL, SE	C 11, T-19-S, R	-21-E		EDDY	NM
12. CHECK APPROPRIATE	BOX(ES) TO INI	DICATE NATURE OF	NOTICE, REP	ORT, OR OTH	ER DATA
TYPE OF SUBMISSION		TY	PE OF ACTION		
Notice of Intent	Acidize Alter Casing	Deepen Fracture Treat	Production Reclamatic	(Start/Resume)	Water Shut-Off Well Integrity
X Subsequent Report	Casing Repair	New Construction	Recomplet	te [Other
Final Abandonment Notice	Change Plans	Plug and Abandon	Temporari	ly Abandon	
This readominate reside	Convert to Injecti	on Plug Back	X Water Dist	oosal	
AS PER YOUR REQUEST FOR ADDITIONAL ADDRESSED.	AL INCOMPATION,				CORD isto NAGEMENT DOFFICE
14. I hereby certify that the foregoing is true and correct Name (Printed Typed) KAYE MC CORMICK	Comic	Title SR PRO Date 08-6	00 6 REG TEC	h 9	
THIS	S SPACE FOR FEE	ERAL OR STATE OF	FICE USE		
Approved by		Title		Date	
Conditions of approval, if any, are attached. Approval of certify that the applicant holds legal or equitable title to which would entitle the applicant to conduct operations the state of the conduct operations to conduc	those rights in the sub				

WATER PRODUCTION & DISPOSAL INFORMATION

FOLLOWING FOR: STRONG BOX 1921-11 FEDERAL #1, API 30-015-35143

1. Name of formations producing water on the lease:

WOLFCAMP

2. Amount of water produced from all formations in barrels per day:

3 BWPD

3. Attach a current water analysis of produced water from all zones showing at least the total dissolved solids, ph and the concentrations of chlorides and sulfates. (One sample will suffice if water is commingled.)

PRODUCED WATER ANALYSIS DATED 04-08-09 BY BJ CHEMICAL ATTACHED

4. How water is stored on lease.

ABOVE GROUND CLOSED TOP FIBERGLASS TANKS

5. How water is moved to the disposal facility.

TRANSPORTED BY COMMERCIAL TANK-TRUCK VENDOR

- 6. Identify the Disposal Facility by:
 - A. Facility Operators Name.

ROEMANN SWD INC.

B. Name of facility or well name and number

FANNING SWD #1

C. Type of facility or well (WDW) (WIW) etc.

DISPOSAL WELL (WDW)

D. Location by 1/4 1/4

1980FSL & 1980 FWL UNIT K SECTION 4 TS 198 RANGE <u>26E</u> API # 30-015-20920

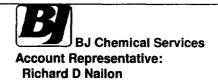
7. Attach a copy of the State issued permit for the Disposal Facility.

COPY OF PERMIT AND OPERATORSHIP APPROVAL ATTACHED

Submit to this office: **620 EAST GREENE ST, CARLSBAD NM 88220**, the above required information on a Sundry Notice 3160-5. Submit 1 original and 5 copies within abatement period. (This form may be used as an attachment to the Sundry Notice.) If you need further direction on this matter, feel free to call Robert E. Hoskinson Sr @ (575)-234-5966 (office) or (575) 361-0106 (Cell).

Analytical Laboratory Report for:

PARALLEL PETROLEUM NM LEASES ONLY



Production Water Analysis

Listed below please find water analysis report from: STRONG BOX, #1

Lab Test No:

2009119226

Sample Date:

04/08/2009

Оробии

Specific Gravity: 1.075

TDS:

113488

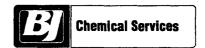
pH:

6.90

Cations:	mg/L	as:
Calcium	10600	(Ca ⁺⁺)
Magnesium	3230	(Mg ⁺⁺)
Sodium	26400	(Na [*])
Iron	47.30	(Fe [↔])
Potassium	190.0	(K ⁺)
Barium	0.24	(Ba [↔])
Strontium	192.00	(Sr ⁺⁺)
Manganese	1.30	(Mn ^{⁺†})
Anions:	mg/L	as:
Bicarbonate	427	(HCO3)
Sulfate	2900	(SO ₄ ⁼)
Chloride	69500	(Cl)
Gases:		
Carbon Dioxide	280	(CO ₂)
Hydrogen Sulfide		(H ₂ S)

PARALLEL PETROLEUM NM Lab Test No: 2009119226 LEASES ONLY

DownHole SAT[™] Scale Prediction @ 100 deg. F



Mineral Scale	Saturation Index	Momentary Excess (lbs/1000 bbls)
Calcite (CaCO3)	9.20	0.25
Strontianite (SrCO3)	0.17	-2.03
Anhydrite (CaSO4)	1.48	293.12
Gypsum (ČaSO4*2H2O)	1.87	477.95
Barite (BaSO4)	0.59	-0.28
Celestite (SrSO4)	0.46	-301.84
Siderite (FeCO3)	44.14	0.32
Halite (NaCl)	0.03	-445190.28
iron sulfide (FeS)	0.00	-0.11

Interpretation of DHSat Results:

The Saturation Index is calculated for each mineral species independently and is a measure of the degree of supersaturation (driving force for precipitation) under the conditions modeled. This value ranges from 0 to infinity with 1.0 representing a condition of equilibrium where scale will neither dissolve nor precipitate. Values less than 1.0 are undersaturated and values greater than 1.0 are supersaturated. The scale is logarithmic, i.e. a Saturation Index of 3 is 10 times more saturated than a value of 2.

The Momentary excess is a measure of how much scale would have to precipitate to bring the system back to a non-scaling condition. This value ranges from negative (dissolving) to positive (precipitating) values. The Momentary Excess represents the amount of scale possible while the Saturation Level represents the probability that scale will form.