Form 3160-5 (September 2001)

UNITED STATES DEPARTMENT OF THE INTERIOR : CONTROL OF THE BUREAU OF LAND MANAGEMENT



FORM APPROVED OMB No. 1004-0135 Expires: January 31, 2004

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to recenter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

I	5. Lease Serial No.
	NMLC065194
	6. If Indian, Allottee or Tribe Name

abandoned well. Use Form 3160-3 (APD) for such proposals.						o. If morall, Another of Tibe Name					
SUBMIT IN TRIPLICATE - Other instructions on reverse side						7. If Unit or CA/Agreement, Name and/or No.					
1. Type of Well					· ·						
Oil Well Gas Well	Other						NM109713				
2. Name of Operator				8. Well Name and No.					•		
BTA Oil Producers						9. API We	ike, 79	09 JV-P, No. 2	2		
3a. Address	·	3b. F	Phone No. (inclu	de area	code)	İ					
30. I Holle IV				20 020 0 1027					A ====		
104 S. Pecos, Midland, TX 79701 (432) 682 4. Location of Well (Footage, Sec., T, R., M., or Survey Description)				Wildcat, Upper F					Alca		
UL -O-, Sec. 18, T23S-R34E	1, N., 141., or But vey Description	<i>y</i>				11. County					
660' FSL & 1980' FEL						10. 001	0	, , , , , , , , , , , , , , , , , , ,			
	<u> </u>					Lea Co	NM				
12. CHECK AP	PROPRIATE BOX(ES) TO	O INDI	CATE NAT	JRE O	F NOTICE, RI						
TYPE OF SUBMISSION	1		Т	YPE O	F ACTION						
\prec	Acidize	☐ De	epen		Production (Start	(Resume)		Vater Shut-Off			
Notice of Intent	Alter Casing	☐ Fra	acture Treat	$-\overline{\Box}$	Reclamation			Vell Integrity			
Subsequent Report	Casing Repair	_	ew Construction	$\bar{\Box}$	Recomplete			ther Request	approval of		
	Change Plans	☐ Plo	ug and Abandon	ī	Temporarily Aba	ndon		water disposal			
Final Abandonment Notice	Convert to Injection		ug Back	$\overline{\Box}$	Water Disposal	ardon .	_	water disposal			
This well produces very little was have the liquid hauled to Southw	est Royalties Cities Federal #2	SWDI	located in the N	wsw,	Sec. 20, T22S-R	36E, Lea Co	ounty,	NM.	to		
Water Production and Disposal In	nformation data sheet is attach	ied. Adı	ministrative O	der SW	D-746 permittin	g the dispos	al is als	so attached.			
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							3. 6	ja-			
	:					19 S	e co	1			
							ĆĎ	16.			
14. I hereby certify that the foregoin Name (PrintedlTyped)	g is true and correct					\\ \(\oldows\)	<u> </u>				
Pam Inskeep	^		Title		•	tor	4.	المرتز ويكارها			
Tani niskeep	- () 		Title	Regula	atory Administra	tor	L bil E	160			
Signature PAW	IN WOOD		Date	07/07/	2006						
	THIS SPACE F	OR FE	DERAL OR								
Approved by (Signature)		1		Name 2	Vegley W.	Tomas					
	Herry M. S.	rga	8/3	Printed/Ty	ped)	- vy vees	Title	Deta	Enar		
Conditions of approval, if any, are	attached. Approval of this notice	e does n	ot warrant or	Office				Date			
certify that the applicant holds legal or equitable title to those rights in the subject which would entitle the applicant to conduct operations thereon.					FO			8/3/	66		
Title 18 U.S.C. Section 1001 and Ti States any false, fictitious or fraudule	tle 43 U.S.C. Section 1212, make	it a crim	ne for any person	knowin	igly and willfully t	o make to any	/ depart	ment or agency	of the United		

Water Production & disposal Information

In order to process your disposal request, the following information must be completed:
1. Name of formations producing water on the lease. Penn
2. Amount of water produced from all formations in barrels per day. 0.1/day
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 the water is commingled)
4. How water is stored on the lease. 1 - 300 bbl water tank
5. How water is moved to the disposal facility. hauled by Maclaskey Oilfield Services, I
6. Identify the Disposal Facility by :
A. Facility operators name. Southwest Royatlies
B. Name of facility or well name & number. Cities Fed #2 SWD
C. Type of facility or well (WDW)(WIW) etc. SWD
D. Location by 1/4 1/4 NWSW section 20 township 22S range 36E
7. Attach a copy of the State issued permit for the Disposal Facility.

submit to this office, 414 West Taylor, Hobbs, NM 88240, the above required information on a Sundry Notice 3160-5. Submit 1 original and 5 copies, within the required time frame. (This form may be used as an attachment to the Sundry Notice.) Call me at 505-393-3612 if you need to further discuss this matter.

See attached

Company:

BTA

Source:

Number:

10222

Location:

Attention:

Date Sampled:

Salesman:

Bell Lake #2

July 17, 2006 Robert Kepple

ANALYSIS	mg/L	EQ. WT.	MEQ/L		
		=========	========		
1. pH	5.22				
Specific Gravity 60/60 f.	1.067				
Hydrogen Sulfide	ND				
4. Carbon Dioxide	ND				
Dissolved Oxygen	ND				
6. Hydroxyl (OH-)	0 /	17.0 =	0.00		
7. Carbonate (CO3=)	0 /	30.0 =	0.00		
8. Bicarbonate (HCO3-)	61 /	61.1 =	1.00		
9. Chloride (CI-)	56,987 /	35.5 =	1,605.27		
10. Sulfate (SO4=)	1,707 /	48.8 =	34.98		
11. Calcium (CA++)	8,224 /	20.1 =	409.17		
12. Magnesium (Mg++)	820 /	12.2 =	67.17		
13. Sodium (Na+)	26,793 /	23.0 =	1,164.91		
14. Barium (Ba++)	1.50		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
15. Total Iron (Fe)	984.60				
16. Manganese	34.40				
17. Strontium	769.60				
ii. Ottonidum	108.00				

19. Total Dissolved Solids

96,382

21. Resistivity @ 75 F. (calculated)

0.08 /cm.

22. CAC03 Saturation Index

	@80 F.	-1.9170						
	@100 F.	-1.6070	PROBABLE MINERAL COMPOSITION					
	@120 F.	-1.3470	COMPOUND	EQ. WT.	Χ	MEQ/L	= mg/l	_
	@140 F.	-0.9870						
	@160 F.	-0.6370	Ca(HCO3)2	81.04		1.00		81
			CaSO4	68.07		34.98		2,381
23. CASO4 Supersaturation Ratio			CaC12	55.50		373.19		20,712
	@70F	1.3011	Mg(HCO3)2	73.17		0.00		. 0
1	@90F	1.2966	MgSO4	60.19		0.00		0
1	@110F	1.3125	MgCL2	47.62		67.17		3,199
1	@130F	1.3335	NaHCO3	84.00		0.00		. 0
	@150F	1.3542	NaSO4	71.03		0.00		0
R	atio Greater than 1	indicates Scale	NaCl	58.46		1,164.91		68,101