N.M. OIL CONS. COMMISSION
P.O. NOX 1980
HOLLS, NEW MEXICO 88240

Form 180-5   UNITED STATES   DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT   SUNDRY NOTICES AND REPORTS ON WELLS   Support March 1979   Notice of Tribe Name   MY2C44					The second section of the second	SEA WEXIC	O 88240	
Do not use this form for proposals to drill or to deepen or reently to a different reservoir.    1 Type of Well		DEPARTME	NT OF THE INTERIOR		Budget Bureau No. 1004-0135 Expires: March 31, 1993  5 Lease Designation and Serial No.			
Type of Well   Ga   Well   Other   S   Well   Name and No   Sarah B #1	Do not use this	form for proposals to d	rill or to deepen	or reentry to a differe	ent reservoir.	6. If Indian, Allo	nee or Tribe Na	me
Name of Operators   Sarah   B #1		SUBMIT	T IN TRIPLICAT	Έ		7. If Unit or CA.	Agreement Des	ignation
30-025-32116 12600 Northborough, #250, Houston, Tx 77067 (713)876-6150 10 Field and Pool or Exploratory Area Cline-Tubb & Lwr PdK/Blnt  990 FSL & 710 FEL, Sec 11, T-235, R-37E  11. County or Parish, Sure Lea  12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  TYPE OF SUBMISSION TYPE OF ACTION  Notice of Intent Subsequent Report Plugging Back Casing Repair Subsequent Report Plugging Back Other NTL-28 Report Other NTL-28 Report Other NTL-28 Report Other NTL-28 Report Other Subsurface locations and measured and true vertical depths for all markers and zones persinent to this work.)*  Well Name - Sarah B Well #1  Producing Formation - Cline- Tubb & Lower Paddock/Blinebry DownHole Comingling Permit #DHC-981  Volume - 80 Bbls Water Per Day  Storage facility on location - one 500 Bbl Steel Welded Tank  Hauler of Produced water - Chaparrel Disposal Well - Lea #18 Sec 17, T-23S, R-37 E, Lea County  SWD Permit Number - #292  Water Analysis Attached	Oil Gas Well Wel	i Other		<del></del> .		and the second s		
12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  TYPE OF SUBMISSION  Abandonment  Abandonment  Plugging Back  Consequent Report  Plugging Back  Abandonment Notice  Abandonment Notice of Plan.  New Construction  Ne		•						
Describe Proposed or Completed Operations (Clearly state all pertinent details, and give protected locations and measured and true vertical depths for all markers and zones pertinent to this work.)    Sub Name - Sarah B Well #1    Producing Formation - Cline- Tubb & Lower Paddock/Blinebry DownHole Comingling Permit #DHC-981   Volume - 80 Bbls Water Per Day    Storage facility on location - one 500 Bbl Steel Welded Tank   Hauler of Produced water - Chaparrel   Disposal Well - Lea #1B   Sec 17, T-23S, R-37 E, Lea County   SWD Permit Number - #292    Water Analysis Attached   Water Anal	12600 Northborough, #250, Houston, Tx 77067 (713)876-6150							
TYPE OF SUBMISSION    Notice of latent		-	•	7E			ish, State	
Notice of Intent	12. CHECK	APPROPRIATE BOX	(s) TO INDICATI	E NATURE OF NOT	TICE, REPOR	T, OR OTHE	R DATA	
Subsequent Report	TYPE OF	SUBMISSION		TYP	E OF ACTION			
Subsequent Report   Gasing Repair   Gasing Report   Gasing Repair   Government Abandonment Notice   Altering Casing Repair   Government Gasing Repair   Government Gasing Conversion to Injection   Dispose Water NTL-2B Report   Government Gasing Repair   Government	☐ Notice	of Intent		Abandonment		Change of F	lans	
Final Abandonment Notice   Altering Casing   NTL-2B Report   Dispose Water   Non-Shore Order #7   Onshore Order #7   Non-Shore Order	Subseq	uent Report		Plugging Back		Non-Routine	Fracturing	
13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*  Well Name - Sarah B Well #1  Producing Formation - Cline- Tubb & Lower Paddock/Blinebry	Final Abandonment Notice		Altering Casing  X Other NTL-2B Report			Conversion to Injection  Dispose Water (Note: Report results of multiple completion on Well		
Producing Formation - Cline- Tubb & Lower Paddock/Blinebry DownHole Comingling Permit #DHC-981  Volume - 80 Bbls Water Per Day  Storage facility on location - one 500 Bbl Steel Welded Tank  Hauler of Produced water - Chaparrel  Disposal Well - Lea #1B Sec 17, T-23S, R-37 E, Lea County  SWD Permit Number - #292  Water Analysis Attached	13. Describe Proposed or C give subsurface loc	ompleted Operations (Clearly state al cations and measured and true vertice	ll pertinent details, and giv cal depths for all markers	e pertinent dates, including estin and zones pertinent to this wor	nated date of starting ark.)*			
DownHole Comingling Permit #DHC-981  Volume - 80 Bbls Water Per Day  Storage facility on location - one 500 Bbl Steel Welded Tank  Hauler of Produced water - Chaparrel  Disposal Well - Lea #1B  Sec 17, T-23S, R-37 E, Lea County  SWD Permit Number - #292  Water Analysis Attached	We	ell Name - Sarah	B Well #1					
Storage facility on location - one 500 Bbl Steel Welded Tank  Hauler of Produced water - Chaparrel  Disposal Well - Lea #1B Sec 17, T-23S, R-37 E, Lea County  SWD Permit Number - #292  Water Analysis Attached		• •	DownHole	ubb & Lower Padd Comingling Perm	ock/Blineb nit #DHC-98	îy Î E	C APR	
Hauler of Produced water - Chaparrel  Disposal Well - Lea #1B Sec 17, T-23S, R-37 E, Lea County  SWD Permit Number - #292  Water Analysis Attached	St	torage facility on	location -	one 500 Bb1 Ste	el Welded 1	[ank		O O
Disposal Well - Lea #1B Sec 17, T-23S, R-37 E, Lea County  SWD Permit Number - #292  Water Analysis Attached	На	uler of Produced	water - Cha	iparrel			ن دے	<
Water Analysis Attached	Di	•		R-37 E, Lea Coun	ty		15.114	
	Sh	ID Permit Number -	#292					
14. I handle, dardle, that the formation is true and somet			ched			<del> </del>		<del></del>

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Title

Patroleum Engineer

(This space for Federal or State office use)
Original by Shannon J. Shaw

1.0.BOX 2187 )BBS, N.M. 88240



## WATER ANALYSIS REPORT

Report for:

cc:

cc:

CC:

Company: Samedan Oil

Address:

pН

Service Engineer: Mike Carson

Date sampled: 04-06-94 Date reported: 04-08-94

Lease or well # : Sarah #1+2

County:

State:

Formation:

Depth:

Submitted by: Mike Carson

CHEMICAL COMPOSITION : Chloride (C1)	mg/L	meq/L
Iron (Fe) (total)	66000	1862
Total hardness	18.0 22400	
Calcium (Ca)	5854	292
Magnesium (Mg)	1895	152
Bicarbonates (HCO3)	317	
Carbonates (CO3)	n/a	5
Sulfates (SO4)	1643	34
Hydrogen sulfide (H2S)	n/a	<b>4</b>
Carbon dioxide (CO2)	n/a	
Sodium (Na)	33508	1457
Total dissolved solids	109219	1-107
Barium (Ba)	n/a	
Strontium (Sr)	n/a	
Specific Gravity		

1.078 Density (#/gal,) 8,984 6.600 IONIC STRENGTH 2,14

Stiff-Davis (CaCO3) Stability Index : SI = pH - pCa'- pAlk - K

> SI @ 86 F \* +0.28 104 F = +0.51122 F = +0.77 140 F = +1.06158 F \* +1.38

This water is 661 mg/l (-22.11%) under ITS CALCULATED CaSO4 saturation value at 82 F. SATURATION= 2990 mg/L PRESENT-2329 mg/L

> REPORTED BY ROZANNE JOHNSON LAB TECHNICIAN



