(99) DEPARTMENT OF THE INTERIOR HO BUREAU OF LAND MANAGEMENT SUNDRY NOTICES AND REPORTS ON WELL Do not use this form for proposals to drill or to re-en abandoned well. Use Form 3160-3 (APD) for such proposals SUBMIT IN TRIPLICATE - Other Instructions on revel of Well 11 Well Gas Well Other of Operator Seely Oil Company ss West Tenth Street, Fort Worth, TX 76102 (817) 333 ion of Well (Footage, Sec., T., R., M., or Survey Description) /SE 19, 18S-34E-NMP (2/5 4- 1980/E) 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NA OF SUBMISSION ice of Intent	ATURE OF NOTICE TYPE OF ACTION	240 E 5. Lease Se NMN 6. If Indian 7. If Unit or 8. Well Na Feder 9. API Wel 30-02 10. Field and EK Y 11. County of Lea (REPORT, OR	M28028 , Allottee or Tribe Name r CA/Agreement, Name and/or ral CS #1 H No. 25-27434 d Pool, or Exploratory Area ates - SR - Queen or Parish, State County, New Mexic
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Abandonment Notice Convert to Injection Plug Back	ton Temporarily		
A Abandonment Notice Convert to Injection Plug Back be Proposed or Completed Operation (clearly state all pertinent details, including	Γ		
tized formation of the EK Queen Unit. Seely is us deral No. 7 is using that was accepted for record b	-	-	
E: There is no Approval to be InSECTING -OR- CHECK YOUR FECORDS!?? Say-This wellissit a diaponal well. in	found on Disposing	file fo	noster,
CHECK YOUR FECOMS	later in inne	15 sates	PIEDEOD DESS
Mary-this well usen a disposal well- in	,		FUK RECO
by certify that the foregoing is true and correct (Printed/Typed)			
David L. Henderson	 Vice Presiden 	t	APR 1 4 2003
ure Santh Andaga Date	∞ 3/10/03		GARY COUP
THIS SPACE FOR FEDERAL O		SE PET	ROLEUMENGINEER
	R STATE OFFICE U		-3100 1 8 JANY
China IIII Construct SUP			
or Mus Williams OC DISTRICT SUP	ERMISOR/GENERA		MO APR 10 2000
of approval, if any, are attached. Approval of this notice does not warrant on the applicant holds legal or equitable title to those rights in the subject lease	ERMISOR/GENERA		BARK 10 2000
of approval, if any, are attached. Approval of this notice does not warrant on the applicant holds legal or equitable title to those rights in the subject lease Id entitle the applicant to conduct operations thereon.	e Office	I MANAGER	000 A A A A A A A A A A A A A A A A A A
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ATTACHMENT

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Made a part of 3160-5 Federal CS No. 1 Well Lea County, New Mexico

- 1. The Penrose/Queen is producing on this lease.
- 2. 3 BPD

. K. . .

- 3. See enclosed
- 4. Water is stored in two (2) 210 bbl. fiberglass tanks located on this lease.

6

- 5. Water is moved through 2" & 3" plastic lines laid on the surface to the production facilities of the EK Queen Unit.
- 6. (a) Seely Oil Company
 - (b) EK Queen Unit
 - (c) Various active injection wells
 - (d) Production facilities located in the NW/4 SE/4 Section 13T-18S-R34E
- 7. There are numerous injection wells associated with the EK Queen Unit POD No. 022434.

CAPITAN CHEMICAL WATER ANALYSIS REPORT

			· •			· · · · · · · · · · · · · · · · · · ·	
Company : SEELY OIL AND GAS			e Sample		0/16/99		
ase Name : FEDERAL "CS" Capitan Rep. :							
Well Number : # 1		Cor	npany Re	p.:			
Location							
			•				
ANALYSIS							
1. pH	5.77						
2. Specific Gravity @ 60/60 F.	1.149						
3. CaCO3 Saturation Index @ 80 F.	-0.034	4					
@ 140 F.	+1,406	1	Calcium C	Carbo	onate Scale	Possible'	
Dissolved Gasses							
4. Hydrogen Sulfide	0.		PPM				
5. Carbon Dioxide	950	1	PPM				
6. Dissolved Oxygen	Not Determined						
Cations	mg/L_	1	Eq. Wt.	=	MEQ/L		
	4,600	7	20.1	=	228.86		
8. Magnesium (Mg++)	9,173	1	12.2	Ξ	751.91		
9. Sodium (Na+) Calculated	62,833	1	23.0	=	2,731.86		
10. Barium (Ba++)	Not Determined	1	68.7	=	0.00		
Anions							
11. Hydroxyl (OH-)	0	1	17.0	×	0.00		
12. Carbonate (CO3=)	0	1	30.0	=	0.00		
13. Bicarbonate (HCO3-)	264	1	- 61.1	=	4.31		
14. Sulfate (SO4=)	3.636	1	48.8	2	74.51		
15. Chloride (Cl-)	129,000	1	35.5	=	3,633.80		
Other	· ,						
16. Soluble Iron (Fe)	75	1	18.2	Ξ	4.12		
17. Total Dissolved Solids	209,506						
18. Total Hardness As CaCO3	49,250						
	3,652	•	Calcium S	ulfat	e Scale Po	ssible'	
19. Calcium Sulfate Solubility @ 90 F.	094 0/03 0.160		Dhm/Mete	-	@ 57	Degrees (F)	
20. Resistivity (Measured)		,					

Logarithmic Water Pattern



PROBABLE MINERAL COMPOSITION								
COMPOUND	•		Eq. Wt.	X	MEQ/L	3	mg/L	
Ca(HCO3)2			81.04	Х	4.31	Ŧ	350	
CaSO4	•	•	68.07	Х	74.51	=	5,072	
CaCl2			55.50	Х	150.03	=	8,327	
Mg(HCO3)2			. 73.17	Х	0.00	=	0	
MgSO4		•.	60.19	Х	0.00	=	0	
MgCl2			47.62	Х	751.91	=	35,806	
NaHCO3			84.00	Х	0.00	=	0	
NaSO4			71.03	Х	0.00	=	0	
NaCl	•		58.46	Х	2,731.86	=	159,705	
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