

WELL PLUGGING RECORD

Give All Information Completely
 Make Required Affidavit

COUNTY Reno SEC. 33 TWP. 22S RGE. 7W E/W
 Location as in quarters or footage from lines:
SE SE SE

Lease Owner Defiance Oil Company
 Lease Name Rainbow-Leichliter #1 Well No. 1
 Office Address 430 Sixteenth Street #209, Denver, Colorado 80202
 Character of Well (Completed as Oil, Gas or Dry Hole): D y Hole
 Date Well Completed June 8, 1982
 Application for plugging filed June 8, 1982
 Plugging commenced 7:30 AM, June 8, 1982
 Plugging completed 9:00 AM, June 8, 1982
 Reason for abandonment of well or producing formation Dry Hole

Locate Well
 correctly on above
 Section Platt.

Was permission obtained from the Conservation Division or it's
 Agent's before plugging was commenced? Yes

Name of Conservation Agent who supervised plugging of this well Gilbert Toman
 Producing formation _____ Depth to top _____ bottom T.D. 3630'

Show depth and thickness of all water, oil and gas formations.

OIL, GAS OR WATER RECORDS Casing Record

Formation	Content	From	To	Size	Put in	Pulled Out
				8 5/8"	213'	None

Describe in detail the manner in which the well was plugged, indicating where the mud
 fluid was placed and the method or methods used in introducing it into the hold. If cement
 or other plugs were used, state the character of same and depth placed, from _____ feet
 to _____ feet for each plug set.

Filled hole with heavy mud.
Heavy mud to 300' with 50 sacks cement;
heavy mud to 40' with 1/2 sack hulls,
dry hole plug for Bridge ant 10 sacks
at 40'; 10 sacks in rathole. Used
50/50 Pozmix with 2% gel and 3% cc.

(If additional description is necessary, use BACK of this sheet)

Name of Plugging Contractor Sterling Drilling Company, P. O. Box 129, Sterling, Kansas 67579

STATE OF KANSAS COUNTY OF RICE, ss.
F. A. Wuellner (employee of owner) or (owner or operator) of the
 above-described well, being first duly sworn on oath, says: That I have knowledge of the
 facts, statements, and matters herein contained and the log of the above-described well as
 filed and that the same are true and correct. So help me God.

STERLING DRILLING COMPANY
 (Signature) [Signature]
F. A. Wuellner, Secretary
P. O. Box 129, Sterling, Ks. 67579
 (Address)

SUBSCRIBED AND SWORN TO before me this 8th day of June, 19 82.



[Signature]
 Agnes D. Wurst, Notary Public.

My Commission expires: _____

RECEIVED
 STATE CORPORATION COMMISSION

JUN 18 1982

CONSERVATION DIVISION
 Wichita, Kansas

6-18-82

15-155-20877-0000

STERLING DRILLING CO.

BOX 129

STERLING, KANSAS 67579

WELL LOG - - - - - RAINBOW-LEICHLITER #1
Located: SE SE SE, Section 33-22S-7W, Reno County, Kansas

OWNER: Defiance Oil Company
ROTARY DRILLING CONTRACTOR: Sterling Drilling Company

COMMENCED: June 1, 1982
COMPLETED: June 8, 1982

TOTAL DEPTH: 3630'

<u>LOG</u>	<u>CASING RECORD</u>
0 - 190 Sand and Shale	Ran 5 joints new 8 5/8", 23# casing. 199.97' pipe set at 213' K.B. Cemented with 175 sacks Regular cement with 2% gel and 3% cc. Plug down at 5:45 PM, 6-1-82, by Sun Cementing.
190 - 215 Red Bed	
215 - 1013 Shale	
1013 - 1023 Anhydrite	
1023 - 1470 Shale	
1470 - 3630 Lime and Shale	Plugged.

Deviation Surveys: 1° at 1470'
1 1/4° at 3630'

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CONSERVATION DIVISION
Wichita, Kansas

Sun Oilwell Cementing
A Division of BJ Hughes, Inc.

P. O. Box 169
GREAT BEND, KANSAS 67530

CEMENTING TICKET No 11863
and Invoice Number

Date 6-16-82	Customer Order No.	Sec. 33	Typ. 22	Range 7	Truck Called Out 2:00AM	On Location 5:00AM.	Job Began 7:00AM.	Job Completed 9:00PM
Owner Defiance Oil Co.		Contractor Sterling Drly #1			Charge To Defiance Oil Co.			
Mailing Address		City			State			

Well No. and Farm Rainbow-Leichtner #1		Place Nikerson 45 330W 330N		County Reno	State Ks.
Depth of Well 3630	Depth of Job 300'	Casing New Used	Size Weight	Size of Hole Amt. and Kind of Cement 7 7/8 20sx	Cement Left in casing by Request Necessity
Kind of Job Play to Abandon				Drillpipe 4 1/2" x Rotary	Truck No. #31
Condition of Well at time of Cementing D.A.				Typ of Plugs Dry Hole	
Pressure Circulating		Minimum		Maximum	
Time Required Mixing Cement		min. Making Change		min. Pumping Cement	

Price Reference No. #9	Price of Job 370.00
Second Stage	
Standby Truck	
Other Charges	
Pump Truck Mileage 85.50	

Remarks: Mixed 70sx 50/50 370 Cal 2% Gel

50sx at 300'
10sx at 40'
10sx in Rat Hole

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Wichita Kansas

Cement Barry	Material Left on Location None
Helper Ivan	District G. Bend
The above job was done under supervision of the owner, operator, or his agent whose signature appears below.	
Signature: W. A. Thompson	
Agent of Contractor or Operator	

Prices Subject to Correction.

SALES TICKET FOR MATERIALS

QUANTITY SACKS	BRAND AND TYPE	PRICE	TOTAL
35	5x Common	4.80	168.00
35	5x Poz.	1.90	66.50
RECEIVED STATE CORPORATION COMMISSION JUN 16 1982 6-16-82 CONSERVATION DIVISION Wichita, Kansas			
Cc. Cl.	177#	.21	37.17
AM. Cl.			
Gel	11 1/2"	6.10 cwt	7.20
Plugs	1 8 1/4 Dry Hole (WOODEN)		9.00
	Delivered by Truck No. T-35	70 Handling and Dumping	64.40
	Delivered From G. Bend	3.1 Mileage 57	180.16
	Signature of Operator K. A. P.	Sales Tax .53	5.31
		Total Charges	933.24