

STATE OF KANSAS
STATE CORPORATION COMMISSION
200 Colorado Derby Building
Wichita, Kansas 67202

WELL PLUGGING RECORD
K.A.R.-82-3-117

API NUMBER 15-163-21,979-00-00

LEASE NAME Norman #1

WELL NUMBER _____

SPOT LOCATION NW NE NW

SEC. 5 TWP. 10 S RGE. 18 W (E) or (W) (W)

COUNTY Rooks

Date Well Completed _____

Plugging Commenced 4/2/85

Plugging Completed 4/8/85

TYPE OR PRINT
NOTICE: Fill out completely
and return to Cons. Div.
office within 30 days.

LEASE OPERATOR Liberty Operations & Completions, Inc.

ADDRESS 308 W. Mill, Plainville, Ks. 67663

PHONE # (913) 434-4686 OPERATORS LICENSE NO. 8925

Character of Well _____
(Oil, Gas, D&A, SWD, Input, Water Supply Well)

Did you notify the KCC/KDHE Joint District Office prior to plugging this well? Yes

Which KCC/KDHE Joint Office did you notify? Hays

Is ACO-1 filed? _____ If not, is well log attached? _____

Producing formation _____ Depth to top _____ bottom _____ T.D. 3770'

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	285'	none
				4 1/2"	3769'	2517'

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 hole. If cement or other plugs were used state, the character of same and depth placed, from feet to feet each set.

Plugged bottom with 4 sacks cement, sand to 3500' & 4 sacks cement. Shot pipe @ 3030' & 2517'. Pulled 63 joints of pipe. Plugged well with 50 cement, 15 gel, 2 hulls, 100 cement, 2 hulls, 10 gel, 1 hull, 8 5/8 plug, & 50 sacks 60/40 poz 10% gel.

Plugging complete

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

Name of Plugging Contractor Kelso Casing Pulling License No. 6050
Address Box 347, Chase, Ks. 67524

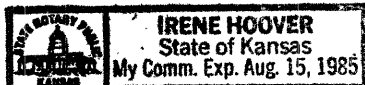
STATE OF Kansas COUNTY OF Rice, ss.

R. Darrell Kelso (employee of operator) or (operator) of 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 that the same are true and correct, so help me God.

(Signature) R. Darrell Kelso

(Address) Box 347, Chase, Ks. 67524

SUBSCRIBED AND SWORN TO before me this 11th day of April, 1985



My Commission expires: _____

Irene Hoover
Notary Public

GREAT GUNS

R A Guard Log

FILE NO.	COMPANY	LIBERTY ENTERPRISES, INC.		
	WELL	NORMAN NO. 1		
	FIELD			
	COUNTY	ROOKS	STATE	KANSAS
LOCATION:				OTHER SERVICES
NW-NE-NW				
SEC	5	TWP	10S	RGE 18W

Permanent Datum	GROUND LEVEL	Elev.	2181	KB	2186
Log Measured from	KELLY BUSHING	5 Ft. Above Permanent Datum		DF	2183
Drilling Measured from	KELLY BUSHING			GL	2181

Date	3-23-83					
Run No.	ONE				RECEIVED	
Depth—Driller	3770				REGISTRATION COMMISSION	
Depth—Logger	3767				APR 03 1985	
Bottom Logged Interval	3766					
Top Logged Interval	3100					
Casing—Driller	8-5/8	285		CONSERVATION DIVISION		
Casing—Logger		285		Wichita, Kansas		
Bit Size	7-7/8					
Type Fluid in Hole	STARCH					
Density and Viscosity	9.9	42				
pH and Fluid Loss	7.5	10.2cc		cc		cc
Source of Sample	FLOWLINE					
Rm @ Meas. Temp.	1.7	68 °F				
Rmf @ Meas. Temp.	1.28	68 °F				
Rmc @ Meas. Temp.	2.5	68 °F				
Source of Rmf and Rmc	CHARTS					
Rm @ BHT	1.1	105 °F				
Time Since Circ	2 HOURS					
Max. Rec Temp Deg. F	105 °F					
Equip No and Location	29	HAYS				
Recorded By	SCHMEIDLER & TAYLOR					
Witnessed By	MR. K. ADAMS					