

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

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

API NUMBER 15-025-20,766-0000

LEASE NAME Berends

TYPE OR PRINT

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

WELL NUMBER 1-31

C SW/4 Ft. from S Section Line

\_\_\_\_\_ Ft. from E Section Line

SEC. 31 TWP. 34S RGE. 25W (E) or (W)

COUNTY Clark

LEASE OPERATOR Zinke & Trumbo LTD

ADDRESS 111W 5th Suite 220 Tulsa, Okla. 74103

PHONE# (918) 592-5096 OPERATORS LICENSE NO. 8060

Date Well Completed 2-8-85

Character of Well Gas

Plugging Commenced 3-15-86

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

Plugging Completed 3-18-86

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

Which KCC/KDHE Joint Office did you notify? Paul Luthi

Is ACO-1 filed? Yes If not, is well log attached? \_\_\_\_\_

Producing Formation Morrow Depth to Top 5882' Bottom 5904' T.D. 6300

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
Morrow	Gas	5882'	5904'	8 5/8	1514	none
				4 1/2	6300	4205

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.

Pump 30 sks. of cement @ 5904 to 5730

Pump 50 sks. of cement @ 1550 to 1450

Pump 25 sks. of cement @ 600 to 500

Put 10 sks. of cement @ 40 to 0 Cut off & cap 8 5/8 3' below ground level

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

Name of Plugging Contractor Sargent's Casing Pulling Service License No. 6547

Address Box 506 Liberal, Kansas 67901

STATE OF Kansas COUNTY OF Seward, ss.

Keith Hill (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.

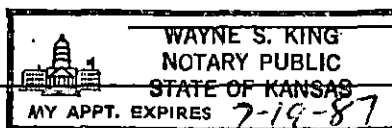
(Signature) Keith Hill

(Address) 111 W. 5th, Suite 220 Tulsa, OK 74103

SUBSCRIBED AND SWORN TO before me this 10th day of April, 1986

Wichita, Kansas

My Commission Expires:



Wayne S. King  
 Notary Public

ACO-1 Well History

Side TWO

OPERATOR Zinke & Trumbo, LTD LEASE NAME Berends SEC 31 TWP34S. RGE 25

FILL IN WELL INFORMATION AS REQUIRED: WELL NO 1-31

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

Show Geological markers, logs run, or other Descriptive information.

Formation description, contents, etc.	Top	Bottom	Name	Depth
<input checked="" type="checkbox"/> Check if no Drill Stem Tests Run. <input type="checkbox"/> Check if samples sent Geological Survey.				
Red Bed	0'	33'		
Shale	33'	100'		
Red bed and shale	100'	982'		
Shale	982'	2823'		
Lime & shale	2823'	6300'		

If additional space is needed use Page 2

Report of all strings set — surface, intermediate, production, etc. **CASING RECORD** (New) or (Used)

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Socks	Type and percent additives
Surface	12 1/4"	8-5/8"	24#	1514'	60/40 POZ	200	2% gel, 3% cc
					Lite	165	3% cc
Production	7-7/8"	4-1/2"	10.5#	6300'	Class H	50	8% gel, 10% salt, 12 1/2# gilsonite
					50/50 POZ	200	2% gel, 18% salt, 3/4% CFR-2, 12 1/2# gils

LINER RECORD			PERFORATION RECORD		
Top, ft.	Bottom, ft.	Socks cement	Shots per ft.	Size & type	Depth interval
N/A			2	DP	5882'-5904'

TUBING RECORD		
Size	Setting depth	Packer set at
2-3/8"	5810'	5810'

**ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD**

Amount and kind of material used	Depth interval treated
Acidized with 7 1/2% FE acid with 2 gallons/1000 Losurf-250 & 1 gallons/1000 Cla-sta II using 60 ball sealers - Frac with 30,000 gallons 70-Quality foam frac with 25,000# 20/40 sand	5882'-5904'

Date of first production	Producing method (flowing, pumping, gas lift, etc.)	Gravity
10/01/84	Flowing	.841

Estimated Production-I.P.	Oil	Gas	Water	Gas-oil ratio
0 bbls.	750 MCF	%	0 bbls.	0 CFPB
Disposition of gas (vented, used on lease or sold)			Perforations 5882'-5904'	
Sold to Kansas Power & Light Company				

STATE COMMISSION  
MAR 13 1986  
CONSERVATION DIVISION