

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

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

API NUMBER 175-20,824-0000

LEASE NAME Lofland

WELL NUMBER 1-12

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

4480 Ft. from S Section Line

330 Ft. from E Section Line

LEASE OPERATOR Slawson Exploration Co., Inc.

SEC. 12 TWP. 35S RGE. 32W (E) or (W)

ADDRESS 20 N. Broadway, Suite 700 Okla. City Ok. 73102

COUNTY Seward

PHONE#(800) 333-5493 OPERATORS LICENSE NO. 3988

Date Well Completed 5/11/85

Character of Well Gas

Plugging Commenced 1-17-90

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

Plugging Completed 1-22-90

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

Which KCC/KDHE Joint Office did you notify? Glenn Barlow

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

Producing Formation U Morrow Depth to Top 5958' Bottom 5963'
L Morrow 6111' 6136' T.D. 6650
Chester 6257' 6301'

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	1525	0
				4 1/2	6647	2814

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 20 sks. of cement & 1 sk. of hulls to 5900
 Pump 50 sks. of cement from 1550 to 1450
 Pump 40 sks. of cement from 700 to 600
 Put 10 sks. of cement from 40 to 0 Cut off SS cap 8 5/8 3' below ground le.
 (If additional description is necessary, use BACK of this form.)

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

Address P.O. Box 506 Liberal, Kansas 67905-0506

STATE OF Oklahoma COUNTY OF Oklahoma, ss.

Stephen B. Slawson (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.

FEB 15 1990
 2-15-90
 CONSERVATION DIVISION
 Wichita, Kansas

(Signature) [Signature]
 (Address) 20 N. Broadway, Suite 700
 Oklahoma City, OK 73102.

SUBSCRIBED AND SWORN TO before me this 14th day of February, 1990

Thomas B. White
 Notary Public

My Commission Expires: Aug 22, 1993

Operator Name Donald C. Slawson Lease Name LOFLAND Well# 1-1-12 TWP. 35S RGE. 32 East West

WELL LOG

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken Yes No
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No

Formation Description
 Log Sample

DST #1 5,918' - 6,010' Upper Morrow

Test time intervals 30-60-60-120 Opened test tool.
 Gas to surface in 5 mins. Flow stab @ 400 psi on 5/8" ck. GV = 4144 MCFD. Closed test tool. Opened test tool for 2nd flow. Had GTS in 2 mins. GV = 4743 MCFD. Flowed @ 460 psi on 5/8" ck. Closed test tool. Rec'd 5859 ft gas.
 IHP - 2900.6 psi
 IFP - 675-966.5 psi
 ISIP - 1846.3 psi
 FFP - 704.1-1053.5 psi
 FSIP - 1846.3 psi
 FHP - 2868.9 psi
 Temp = 128°F

Name	Top	Bottom
Herrington	2,646	
Krides	2,677	
Council Grove	3,046	
Heebner	4,429	
Toronto	4,461	
Lansing	4,584	
Kansas City	4,888	
Hodges	5,092	
Marmaton	5,312	
Novinger	5,406	
Cherokee	5,563	
Atoka	5,852	
Morrow	5,938	
Chester	6,166	
St. Genevieve	6,576	

RECEIVED
 STATE CORPORATION COMMISSION

JAN 19 1990

CONSERVATION DIVISION
 Wichita, Kansas

CASING RECORD <input checked="" type="checkbox"/> new <input type="checkbox"/> used							
Report all strings set - conductor, surface, intermediate, production, etc.							
Purpose of string	size hole drilled	size casing set (In O.D.)	weight lbs/ft.	setting depth	type of cement	# sacks used	type and percent additives
Surface	12-1/4	8-5/8	24	1,525	HLC	750	3#/sk. floccul
Production	7-7/8	4-1/2	10.5	6,647	50/50 poz Cl "H"	50 325	3% CC... 3% CC... 18% salt, 3/4% 2. 1#/sk. floccul
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
shots per foot	specify footage of each interval perforated			(amount and kind of material used)			Depth
1 (21 holes)	6,288'-6,301'; 6,257'-6,259' & 6,263'-6,266'			3000 gals. 15% FE HCL; Frac. 60000 gal. 65 Quality CO ₂ foam w/88000# 20/40 sd			6,257'-6,301'
1 (26 holes)	6,111'-6,136'			3500 gal. 7-1/2% FE HCL; Frac. 50000 gal. 65 Quality CO ₂ foam w/66000# 20/40 sd			6,111'-6,136'
3 (15 holes)	5,958'-5,963'			1500 gals. 7-1/2% FE HCL			5,958'-5,963'
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First Production		Producing method					
7/12/85		<input checked="" type="checkbox"/> flowing <input type="checkbox"/> pumping <input type="checkbox"/> gas lift <input type="checkbox"/> Other (explain)					
Chester/L Morrow Estimated Production Per 24 Hours		Oil 0 bbls	Gas 698 MCF	Water 27 bbls	Gas-Oil Ratio N/A	Gravity N/A	
Upper Morrow		3 Bbls	1682 MCF	0 Bbls	560666 CFPB		

Disposition of gas: vented open hole perforation other (specify) _____
 sold
 used on lease

METHOD OF COMPLETION

PRODUCTION INTERVAL
 6111'-6136' OA
 5958'-5963'