

State Corporation Commission
 Wichita State Office Bldg.
 130 S. Market, Room 2078
 Wichita, Kansas 67202

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

15-065-01705-00-00
 API NUMBER 6-20-52

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

LEASE NAME Smith
 WELL NUMBER 4
4950 Ft. from S Section Line
4620 Ft. from E Section Line
 SEC. 5 TWP. 10 RGE. 21 (E) or (W)
 COUNTY Graham
 Date Well Completed 6-20-52
 Plugging Commenced 6-16-94
 Plugging Completed 6-16-94

EASE OPERATOR Bowman Oil Company
 ADDRESS P.O. Box 17 Codell, Ks 67630
 PHONE (913) 434-7202 OPERATORS LICENSE NO. 69731

Character of Well oil well
 (Oil, Gas, O&A, SWD, Input, Water Supply Well)
 The plugging proposal was approved on 6-1-94 (date)
 by Dennis Hamel (XCC District Agent's Name).

Is ACC-1 filed? Yes If not, is well log attached?
 Producing Formation LKC Depth to Top 3300 Bottom 3400 T.O.
 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
<u>Arb</u>	<u>Oil & Water</u>	<u>5585</u>	<u>5885</u>	<u>8 5/8</u>	<u>195</u>	<u>None</u>
<u>LKC</u>	<u>Oil & Water</u>	<u>3557</u>	<u>3661</u>	<u>5 1/2</u>	<u>2881</u>	<u>None</u>

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 plug are used, state the character of same and depth placed, - from - feet to - feet each set
Set packer and cemented at 2850 w/ 500 sack, Ben tubings
later to 2800 & cemented w/ 10 5/8 jet & 25 5/8 cement, pulled to 1800
& cemented w/ 1 5/8 hulls, 70 5/8 cement, & circulated to surface, 5 1/2
& cemented w/ 10 5/8 to 500 #, tied onto surface & pressured to 500 #
Perforated at 1780'

Name of Plugging Contractor Allied Cementing Inc. License No. _____
 Address P.O. Box 31 Russell, Ks 67665

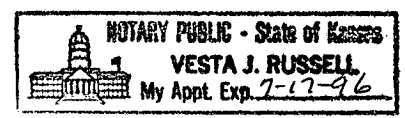
NAME OF PARTY RESPONSIBLE FOR PLUGGING FEES: Bowman Oil Co.
 STATE OF KANSAS COUNTY OF ROCKS, ss.
Louis D. Bowman (Employee of Operator) (Operator) or

I, above-described well, being first duly sworn on oath, says: That I have knowledge of the above-described well as shown on the statements, and matters herein contained and the log of the above-described well as shown on the same are true and correct, so help me God.

(Signature) Louis D. Bowman
 (Address) Box 37 Codell, Ks 67630

SUBSCRIBED AND SWORN TO before me this 29 day of Sept, 19 94
Vesta J. Russell Notary Public

My Commission Expires: July 17, 1996
 USE ONLY ONE SIDE OF EACH FORM



RECEIVED
 STATE CORPORATION COMMISSION
 9-30-1994
 SEP 30 1994

Time Log

COMPANY: Westgate-Greenland Oil Company
 CONTRACTOR: Saturn Drilling, Inc
 FARM : Smith #4, NE NW NW Section 5-10S-21W,
 Stafford County, Kansas
 ELEVATION: 2295 DF Graham

DEPTH	FROM	TO	ACTUAL DRILLING TIME	REMARKS
	0	to 40		Surface soil
	40	to 125		Shale
	125	to 180		Sand and shale
	180	to 195		Shale
	195	to 208		Lime shells
	208	to 295		Shale
	295	to 350		Sandy shale
	350	to 500		Shale
	500	to 604		Shale and shells
	604	to 1541		Shale-sand-red bed and shells
	1541	to 1780		Red bed and shells
	1780	to 1810		Anhydrite
	1810	to 2300		Shale and shells
	2300	to 2525		Shale and lime
	2525	to 2553		Lime
	2553	to 2668		Lime W/shale breaks
	2668	to 2785		Lime and shale
	2785	to 2900		Shale and shells
	2900	to 3395		Lime and shale
	3395	to 3449		Lime
	3449	to 3455		Soft lime
	3455	to 3480		Lime and shale
	3480	to 3667		Lime
	3667	to 3722		Lime and shale
	3722	to 3821		Lime
	3821	to 3848		Lime and shale
	3848	to 3861		Conglomerate
	3861	to 3879		Shale
	3879	to 3885		Arbuckle
		3885		T. D. (RB)

3519
2295
-1 224

3878
2295
-1 583

Set 195 feet of 8 5/8" surface pipe- 24#. Cemented with 145 sacks bulk cement.

Set 5 1/2" casing at 3881 (RB). Cemented with 100 sacks cement.

Drill Stem Tests: 3448-55, open 1 hr, rec. 32' salty mud, 200' salt water, 1150# BHP.
 3558-65, open 1 hr, rec. 90' heavily oil and gas cut mud, 270' froggy mud and gas cut oil, 210' salt water, 940# BHP. 170# FFP.
 ? 3719-29, open 1/2 hour, good blow 3 min, 15' mud, 1000# BHP.
 3881-85, open 30 min, 15' slightly oil cut mud, 850# BHP.

TOPS:	Anhydrite	1780	Dodge	3497	Conglomerate	3848
	Heebner	3477	Lansing	3519	<u>Simpson</u>	3858
					Arbuckle	3878

Schlumberger electric log run

CO to bottom, made about 6" new hole, slight show of oil, 500 GA, HFW, PB 3595. Perf 12 shots 3557-61, show oil and water. 500 GA, swab 100 BW and 44 BO in 8 hours. Next 8 hrs swab 73 BW and 25 BO. 6/26/52

Filed 25 BOPD temporary productivity affidavit.
 POTENTIAL: 72 barrels