

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

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

API NUMBER 15-119-20,640-0000

LEASE NAME Murray

WELL NUMBER 2-22

TYPE OR PRINT
NOTICE: Fill out completely
and return to Cons. Div. SE SW NE Ft. from S Section Line
office within 30 days. _____
Ft. from E Section Line _____

SEC. 22 TWP. 31 RGE. 29W (E) or (W)

COUNTY Meade

LEASE OPERATOR Palomino Petroleum

Date Well Completed _____

ADDRESS Route 5 Box 51-C Newton, Kansas 67114

Plugging Commenced 1-2-87

PHONE# (316) 283-0232 OPERATORS LICENSE NO. 5161

Plugging Completed 1-6-87

Character of Well Oil

(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? Paul Luthi

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

Producing Formation _____ Depth to Top _____ Bottom T.D. 5927

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	1512	none
				5 1/2	5925	2559

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 1 1/2 sks. of hulls & 20 sks. of cement @ 5600

Pump 1 1/2 sks. of hulls & 20 sks. of cement @ 4400

Pump 30 sks. of cement @ 1540 Pump 25 sks. of cement @ 750

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~~ Harvey, ss.

Bob Watchous (XXXXXXXXXXXXXXXXXXXX) 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.

STATE CORPORATION COMMISSION

(Signature) Bob Watchous

(Address) Route 5 Box 51-C Newton, Kansas 67114

JAN 28 1987
1-26-87
CONSERVATION DIVISION

SUBSCRIBED AND SWORN TO before me this 23rd day of January, 19 87

Kathryn L. Frerking
Notary Public

My Commission Expires: August 21, 1989



SIDE TWO

15-019-20640-0000

ACO-1 WELL HISTORY

OPERATOR Ladd Petroleum Corporation LEASE Murray

SEC. 22 TWP. 31S RGE. 29 (W)

FILL IN WELL INFORMATION AS REQUIRED: WELL NO. 2-22

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
Check if no Drill Stem Tests Run.				
Sand & Redbed		1517	Base Heebner	4361 (-1637)
Shale		1818	Douglas	4404 (-1678)
Redbed & Shale		2017	Lansing	4456 (-1730)
Shale & Lime		2303	Kansas City	4549 (-1823)
Lime & Shale		5765	Marmaton	5052 (-2326)
Lime		5927	Cherokee	5201 (-2475)
Rotary Total Depth		5927	Atoka/Morrow	5441 (-2715)
DST #1: 4522' - 4546'			Chester	5458 (-2732)
Open tool w/strong blow. GTS in 2 min. on 2nd open.			St. Genevieve	5626 (-2900)
IHP 2124, IFP 65, 151, 1293, FFP 131-147, FSI 1358, FHP 2042.				
Rec. 80' GCM, 340' GCO, 120' GCSW.				
DST #2: 5730' - 5751'				
Times 15-30-60-90. Open tool w/strong blow. IHP 2845, IFP 49-16, ISIP 1700, FFP 10, FSIP 1716, FHP 2763. Rec. 80' O & GCM.				

If additional space is needed use Page 2, Side 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	Sacks	Type and percent additives
Surface	12 1/4"	8-5/8"	24#	1512'	Lite	400	3% CaCl.
					Class "H"	200	1/4#/sx flocele 3% CaCl.
Production	7 7/7"	5-1/2"	15 & 14#	5925'	Self Stress II	350	

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			4	1 11/16 Jet	5734'-5742'
TUBING RECORD			4	1 11/16 Jet Gun	4732'-4734'
Size	Setting depth	Packer set at	4	1 1/16" Tbg "	4530'-4539'

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
5000 SCF N ₂ , 1000 gals. 15% MSR-150 w/500 SCF N ₂ plus 30,000 SCF N ₂ , 3000 gal. 28% FE acid.	5734'-5742'
5000 SCF N ₂ pad, 500 gal 15% MSR-150 w/1000 SCF N ₂ /Bbl.	4732'-4734'
Squeezed perfs. w/75 sx 15 Bbl. Class "H" w/0.4% Galad 9 Acid. w/5000 SCF N ₂ pad, 2000 gal. 15% MSR-150 w/1000 SCF N ₂ /Bbl. & 45 balls.	4732'-4734'
	4530'-4539'

Date of first production 4-26-84	Producing method (flowing, pumping, gas lift, etc.) Pumping	Gravity	49.5	DEC 30 1986
Estimated Production -I.P.	Oil 47 bbls.	Gas --- MCF	Water 41 % 33 bbls.	Gas-oil ratio
Disposition of gas (vented, used on lease or sold)				Perforations 5734-5742' & 4530-4539'

CONSERVATION DIVISION
Wichita, KANSAS