

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

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

API NUMBER 15-185-20,422-000

LEASE NAME Harkness

WELL NUMBER # 5

SPOT LOCATION E/2 W/2 NW

SEC. 11 TWP. 24 RGE. 15 (X) or (W)

COUNTY Stafford

Date Well Completed Sept 1972

Plugging Commenced 2-4-87

Plugging Completed 2-4-87

LEASE OPERATOR Tomlinson Oil Company Inc.

ADDRESS Box 1588, Gt. Bend, Kansas 67530

PHONE # (316) 792-2361 OPERATORS LICENSE NO. 5025

Character of Well gas
(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? Dodge City

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

Producing formation Neva Depth to top 2517' bottom 2546' PBD 2574'
T.D.

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
	Surface Casing			8 5/8"	227' w/	200 sxs 6'
	Production Casing			5 1/2"	4054' w/	475 sxs 0'

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. B.J. Hughs Titan Cementing Co hooked onto 5 1/2" casing, mixed & pumped 35 sxs Common Cement w/ 1.5 sxs Cotton Seed Hulls, released plug, mixed & pumped 18 sxs Gel, mixed & pumped 40 sxs 60/40 Pozmix Cement, well filled & pressured to 1750# to 1250# on pump shutdown, pressure held, hooked onto 8 5/8" casing, mixed & pumped 61 sxs 60/40 Pozmix Cement w/ 1 sx Hulls, casing filled & pressured to 100#, pressure held, job completed at 12:30 PM, witnessed by Bud Metz, KCC Rep.

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

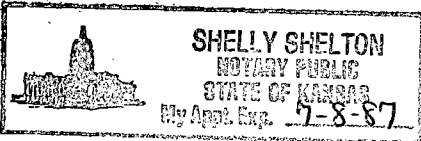
Name of Plugging Contractor None, no pipe pulled License No. _____
Address _____

STATE OF _____ COUNTY OF _____, ss.

Joe Casper (employee of operator) or
(~~XXXXXX~~) 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) Joe Casper

(Address) Box 1588, Gt. Bend, Kansas 67530



SUBSCRIBED AND SWORN TO before me this 4th day of February, 1987

Shelly Shelton
Notary Public

STATE CORPORATION COMMISSION

2-6-87

FEB 6 1987

My Commission expires: July 8, 1987

DRILLER'S LOG

COMPANY: Tomlinson Oil Co., Inc., Suite 1030, 200 W. Douglas, Wichita, Ks. 6720
 CONTRACTOR: Hellar Drilling Company, Inc., Wichita, Kansas 67202
 LEASE: #5 Harkness
 LOCATION: E/2 W/2 NW/4 11-24S-15W, Stafford County, Kansas
 COMMENCED: August 29, 1972
 COMPLETED: September 10, 1972
 CASING: Set 8 5/8" Surface Casing @ 227' w/200 sacks cement
 Set 5 1/2" Casing @ 4056' w/475 sacks cement

0-227	Surface Soil - Sand & Shale
227-940	Red Bed & Shale
940-960	Anhydrite
960-1874	Shale & Red Bed & Shells
1874-2353	Lime & Shale
2353-2551	Lime & Shale (Ft. Riley)
2551-3355	Lime & Shale
3355-3482	Lime & Shale (Topeka)
3482-3553	Lime & Shale (Heebner)
3553-3658	Lime & Shale
3658-3710	Lime & Shale (L.K.C.)
3710-3770	Lime
3770-3902	Lime (L.K.C.)
3902-3959	Lime (B.K.C.)
3959-4011	Lime
4011-4058	Cong.
4058	Rotary Total Depth

STATE OF KANSAS)
) SE
 COUNTY OF SEDWICH)

I, D. L. Hellar, do hereby certify that the above and foregoing is a true and correct copy of the log of the #5 Harkness, located in E/2 W/2 NW/4 11-24S-15W, Stafford County, Kansas, as reflected by the files of the Hellar Drilling Company, Inc.

HELLAR DRILLING COMPANY, INC.

By _____
 President - D. L. Hellar

Subscribed and sworn to before me, a Notary Public, in and for Sedwich County, Kansas, this 15th day of September, 1972.



My Commission Expires:
 March 25, 1976

Catherine D. ...
 Notary Public - Catherine D. ...

STATE CORPORATION COMMISSION
 JAN 27 1987
 CONSERVATION DIVISION
 Wichita, Kansas