

STATE OF KANSAS
STATE CORPORATION COMMISSION
CONSERVATION DIVISION
P. O. BOX 17027
WICHITA, KANSAS 67217

WELL PLUGGING RECORD

Rooks County. Sec. 16 Twp. 10 Rge. 18 (S) (W)

Location as "NE/CNWSW" or footage from lines SW SW NW NW

Lease Owner K & G Oil Co

Lease Name E.C. Ordway Well No. 4

Office Address Box 340 Plainville, Mo

Character of Well (completed as Oil, Gas or Dry Hole) Oil Well

Date well completed 2/8/58 1958

Application for plugging filed 7/21/76 1976

Application for plugging approved 1976

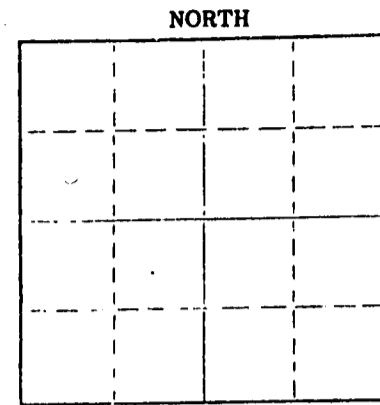
Plugging commenced 7/21/76 1976

Plugging completed 7/21/76 1976

Reason for abandonment of well or producing formation None productive

If a producing well is abandoned, date of last production 6/20 1976

Was permission obtained from the Conservation Division or its agents before plugging was commenced? Yes



Locate well correctly on above Section Plot

Name of Conservation Agent who supervised plugging of this well Joe F. Wessley

Producing formation L.K.P. Depth to top 3384 Bottom 3611 Total Depth of Well 3770 Feet

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	855	None
				5 1/2	3767	None

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 for each plug set.

Allied Cementing Co. pumped down 5 1/2" casing of 100 sacks of cement 4 3/4" pipe with 30 sacks of fill of 3 sacks of filler plug & capped with 30 sacks of cement 4 3/4"

7-23-76

Name of Plugging Contractor Co. Tools by Allied Cementing
Address Russell Kansas

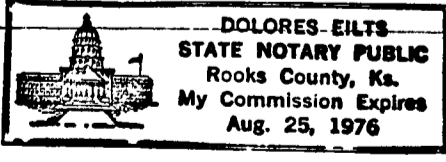
STATE OF Kansas COUNTY OF Rooks
Kenneth O. Brown (employee of owner) or (owner) or (operator) of the above-described

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 and that the same are true and correct. So help me God.

(Signature) Kenneth O. Brown
306 S. Cochran Plainville, Mo
(Address)

Subscribed and sworn to before me this 22nd day of July, 1976

My commission expires _____



Notary Public.

FORMATION	TOP	BOTTOM	REMARKS Indicate Casing Points, Describe Shows of Oil, Gas and Water, etc.
Shale	0	130	
Sand and gravel	130	160	
Shale and shells	160	600	
Sand	600	650	
Shale	650	775	
Shale and sand	775	855	Set and cemented 8-5/8"OD, 22.7#, Armco S.W., S.J. steel casing (A cond.) at 855' with 425 sacks of S.O.W. cement with 1% calcium chloride. Cement circulated. Finished 10:00 p.m. 1/26/53.
Shale and sand	855	1295	
Shale and red bed	1295	1565	
Anhydrite	1565	1590	<u>TOP ANHYDRITE 1543'</u> <u>BASE ANHYDRITE 1580'</u>
Shale and shells	1590	1855	
Shale, shells and lime	1855	2115	<u>TOP WELLINGTON 1900'</u> <u>BASE WELLINGTON 2160'</u>
Shale and lime	2115	2230	
Sand and lime	2230	2250	
Lime and shale	2250	2590	
Sandy lime	2590	2615	
Lime	2615	2645	
Shale	2645	2683	
Shale and lime	2683	2953	<u>TOP TARKIO 2930'</u> <u>TOP TOPEKA LIME 3128'</u>
Lime and shale	2953	3312	
Limestone, gray, fine crystalline, poor vuggy porosity	3312	3317	Trace of light oil stain
Lime	3317	3321	
Limestone, fine crystalline to dense, poor porosity	3321	3326	Trace of light stain
Lime and shale	3326	3349	<u>TOP HEEPNER SHALE 3344'</u> <u>TOP TORONTO LIME 3357'</u>
Shale	3349	3360	
Limestone, medium crystalline, good intercrystalline porosity	3360	3370	Fair saturation, light oil Ran Halliburton drill stem test No. 1 from 3351'-70', used 19' anchor, open 1 hour, good blow, recovered 30' heavily oil cut mud, 30' slightly oil cut mud, and 270' oil cut water, IFP-30#, FFP-195#, EHP-1105# in 20 minutes.
Lime	3370	3373	
Shale	3373	3387	<u>TOP LANSING LIME 3384'</u>
Limestone, cream, fine crystalline to dense, fossiliferous, slightly cherty, fair vuggy porosity	3387	3412	
Shale and lime	3412	3421	Fair light saturation Ran Halliburton drill stem test No. 2 from 3386' to 3421', used 35' anchor, open 1 hour, weak blow, recovered 30' very slight oil cut mud, IFP-30#, FFP-30#, EHP-120# 20 mins.
Lime	3421	3442	
Limestone, cream, fine crystalline, good intercrystalline porosity	3442	3456	Good light oil saturation
Lime	3456	3464	
Limestone, buff, fine crystalline, good vuggy porosity	3464	3470	Fair staining in top 10'. Ran Halliburton drill stem test No. 3, packer set at 3442', used 28' anchor, open 1 hour, strong blow, recovered 1230' of 40° gravity oil, no water, IFP-60#, FFP-465#, EHP-630#.
Shale and lime	3470	3543	
Limestone, white, fine crystalline, cherty, fair vuggy porosity	3543	3565	Dark oil stain at top and traces of light oil stain throughout. Ran Halliburton drill stem test No. 4, 3548'-65', used 17' anchor, open 2 hours, strong blow throughout, slight show of gas to surface in 20 minutes, recovered 210' of slight oil and gas cut mud, 435', good oil and gas cut mud, EHP-1000#, IFP-110#, FFP-330#.

E. C. ORDWAY WELL NO. 4

S. 1 2

Lime	3565	3579	
Limestone, white, fine crystalline, slightly chalky	3579	3591	Traces of light staining throughout in poor wuggy porosity
Lime	3591	3612	<u>BASE KANSAS CITY LIME 3612'</u>
Shale	3612	3635	<u>TOP CONGLOMERATE 3622'</u>
Conglomerate	3635	3637	
Chert, fresh with some tripolitic brown to vari-colored, interbedded with variegated shales	3637	3688	Dark tarry staining occurring throughout in tripolitic porosity.
Shale	3688	3690	<u>TOP SIMPSON SHALE 3686'</u>
Dolomite	3690	3695	<u>TOP SIMPSON DOLOMITE 3694'</u>
Dolomite, brown to a colorless clear, good medium crystalline granular, good inter-crystalline porosity	3695	3701	Fair light oil saturation
Dolomite	3701	3708	
Dolomite as above	3708	3716	Trace light oil stain
Dolomite	3716	3720	<u>TOP ARBUCKLE LIME 3715'</u>
Dolomite as above, interbedded with green and brown, slightly silty, waxy shales	3720	3738	Dark heavy oil, good saturation in good intercrystalline porosity.
Dolomite	3738	3766	
Tan, coarsely crystalline sucrosic lime	3766	3770	No shows

TOTAL DEPTH 3770'

23913

GENERAL SWELSON
Wichita, Kansas

Set and cemented 5½" OD, 14#, 8R thd., J-55, S.S. casing (A cond.) at 3767' with 200 sacks of S.O.W. cement. Finished 1:00 a.m. 2/9/58. Opened stage collar at 3087' with CP-700#, circulated out estimated 20 sacks of cement; then spotted 150 barrels of heavy oil behind 5½" casing and circulated out estimated 25 barrels of oil, closed stage collar with CP-1500#. Finished 6:00 a.m. 2/9/58.