

RECEIVED  
NOV 05 2003  
KCC WICHITA

STATE CORPORATION COMMISSION  
130 S. Market, Room 2078  
Wichita, Kansas 67202

Rev.03/92

**WELL PLUGGING APPLICATION FORM**  
(PLEASE TYPE FORM and File ONE Copy)

15-163-04075-00-00

API # 5/2/44 Identifier number of this well). This must be listed for wells drilled since 1967; if no API# was issued, indicate spud or completion date.

WELL OPERATOR Murfin Drilling Co., Inc. KCC LICENSE # 30606  
(owner/company name) (operator's)  
ADDRESS 250 N. Water, Suite 300 CITY Wichita

STATE Kansas ZIP CODE 67202 CONTACT PHONE # (316) 267-3241  
LEASE McCullough WELL# 2 SEC35 T. 10S R. 19W (East/West)

C NE SW NW SPOT LOCATION/QQQQ COUNTY ROOKS  
3630 FEET (in exact footage) FROM S/N (circle one) LINE OF SECTION (NOT Lease Line)  
4290 FEET (in exact footage) FROM E/W (circle one) LINE OF SECTION (NOT Lease Line)

**Check One:** OIL WELL  GAS WELL  D&A  SWD/ENHR WELL  WSW DOCKET#

CONDUCTOR CASING SIZE 12 1/4" SET AT 111' CEMENTED WITH ? SACKS

SURFACE CASING SIZE 8 5/8 SET AT 1243' CEMENTED WITH ? SACKS

PRODUCTION CASING SIZE 5 1/2 SET AT 3619' CEMENTED WITH

LIST (ALL) PERFORATIONS and BRIDGE PLUGS SET: Poss perms 3099-3108; 3372-3546 DA

ELEVATION 2134 DFTD 3551 1/2' PBSD 3551.5 cemented back  
(G.L./K.B.) (Stone Corral Formation)  
CONDITION OF WELL: GOOD  POOR  CASING LEAK  JUNK IN HOLE

PROPOSED METHOD OF PLUGGING In accordance with the rules and regulations of the State of Kansas.  
(If additional space is needed attach separate page)

IS WELL LOG ATTACHED TO THIS APPLICATION AS REQUIRED? yes IS ACO-1 FILED? ?

If not explain why? Not provided by former operator.

**PLUGGING OF THIS WELL WILL BE DONE IN ACCORDANCE WITH K.S.A. 55-101 et. seq. AND THE RULES AND REGULATIONS OF THE STATE CORPORATION COMMISSION.**

LIST NAME OF COMPANY REPRESENTATIVE AUTHORIZED TO BE IN CHARGE OF PLUGGING OPERATIONS:

John Gerstner Prod Supt. PHONE# (785) 421-2103  
ADDRESS P.O. Box 130 City/State Hill City, KS 67642

PLUGGING CONTRACTOR Murfin Drilling Co., Inc. KCC LICENSE # 30606  
(company name) (contractor's)  
ADDRESS 250 N. Water, Suite 300; Wichita, KS PHONE # (316) 267-3241

PROPOSED DATE AND HOUR OF PLUGGING (If Known?) November 2003

PAYMENT OF THE PLUGGING FEE (K.A.R. 82-3-118) WILL BE GUARANTEED BY OPERATOR OR AGENT.  
DATE: 11/4/03 AUTHORIZED OPERATOR/AGENT: Barb Dodson Barbara J. Dodson Eng. Tech.

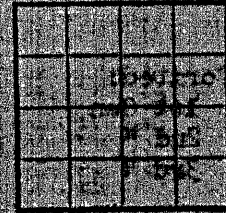
12/03

12/03

Company **Teader Supply & Development Co., Inc.**  
 Farm **McCullough** No. **2**

Sec. **15** T. **10** R. **19**  
 Loc. **c NE 1/4 SW 1/4 NW 1/4**  
 County **Rocks - Kansas**

Total Depth **3621 Ft.**  
 Comm. **April 15, 1944** Comp. **May 2, 1944 - Rotary Tools**  
 Shot or Treated **None**  
 Contractor **Teader Supply & Development Co.**  
 Landed **11 1/2"**



Casing  
 30 in. 10 in. **12 1/2" 5-5/8" Surface Casing**  
 15 1/2" 8 1/4" **3521' 5-1/2" Production Casing**  
 12 1/2" 6 5/8"  
 10 1/2" 5 1/2"

Elevation **2134**

Production

Figures indicate Bottom of Formation

Line	11 1/2"	10 1/2"	10"	Notes
Shale & gravel	15	80	15	Elev. 2134
Shale	80	106	26	Top of base of 30 in. casing
Shale & Shells	106	340	234	K. C. - 3312
Shale & Lime	340	395	55	T. D. - 3669
Sandy Shells & Shale	395	945	550	All Measurements Derrick Floor
Sand	945	1175	230	
Shale	1175	1205	30	
Red Sand & Shale	1205	1405	200	
Anhydrite	1405	1470	65	
Shale, Shells & Lime	1470	1860	390	Elevation - 2134' Rotary Derrick Floor
Shells, Salt & Shale	1860	1940	80	
Broken Lims	1940	2265	325	
Lime	2265	2345	80	
Lime & Shells	2345	2380	35	
Lime	2380	2720	340	
Shells & Lime	2720	2970	250	
Shells	2970	3070	100	
Lime	3070	3575	505	Simpson Sand - 3669
Shale & Lime	3575	3612	37	
Conglomerate	3612	3614	2	
Lime	3614	3621	7	T. D. 3670; 2100 Water 3670

**3621' Total Depth with Rotary Tools**

**Porosity Section by Lane-Wells Radio Log**

3043 - 3053		3098-3107	Slight Porosity - Fair oil stain
3067 - 3070		3122-3206	Trace Porosity - Slight oil stain
3097 - 3100		3312-3317	Very Slight - Slight oil stain
3107 - 3112	Shells:	3409-3411	Very Slight - Slight oil stain
3126 - 3138	3476 - 80	3415-3416	Very Slight - Slight oil stain
3140 - 3150	3511 - 17	3497-3501	Lost circulation - no samples
3154 - 3162	3528 - 33 1/2	3505-3508	" " " "
3180 - 3183	3546 - T. D.	3516-3520	Micro Porosity - Good oil stain
3185 - 3188		3533-3537	Fair to good Porosity - Good Oil Stain (Best)
3194 1/2 - 3198			
3501 - 3505			
3517 1/2 - 3520			
3538 - 3545			
T. D. - 3551 1/2			

Had run tubing & cemented hole back by Halliburton to 3551 1/2



Perforated:

1st Gun	✓ 12 Shots	3545 - 3541	3 1/2 Gal. Fluid W/oil Seum
2nd "	✓ 12 Shots	3541 - 3537	No Fluid
3rd "	✓ 7 Shots	3517 - 3523	1 Qt. oil
	✓ 5 Shots	3505 - 3501	1/2 Gal.
4th "	✓ 6 Shots	3497 - 3492	1 Qt. Oil
	✓ 12 Shots	3506 - 3510	
	✓ 4 Shots	3488 - 3485	No Test
	✓ 2 Shots	3483 - 3482	2 1/2 Gal. fluid 30 min. 2590 oil.
5th "	✓ 5 Shots	3420 - 3416	No test
	✓ 4 Shots	3414 - 3411	" " but water over gas
	✓ 3 Shots	3319 - 3317	

Let set over nite. 1700' water - 3 barrels oil

Set Lane Wells drillable plug @ 3536

Set Halliburton seal and squeezed above plug with 100 sacks cement - Bar. Pressure 1800'

ACIDIZED 3 TREATMENTS 1000 - 1000 - 3500 Gal.

REACIDIZED  
 Sept. 1944 Ran Dowl Pilot in casing found fluid going in formation at 3510' and above. Run pump 5 gal./min. Interface going down at rate 1 ft. in 2 min. from 3467 to 3510'. Did not move in 15 min. at 3510'. Raised pump rate to 20 gal./min and rate again 1 foot in 2 min. Showing upper zone taking fluid. Run 50 gal. Jelly-Seal mixed with 25# Jel-Flake with bottom tubing at 3519. Raised tubing to 3506 and mixed 100# Jel-Flake with oil in drum and pumped into porous formation at 3506. Pressure raised to 800'. Lowered tubing to 3519 washed out Jelly-Seal and acidified lower zone 3533-37 with 2000 gal. acid. Raised tubing and swabbed out Jel-Flake from upper zone and opened it up.

RECONDITIONING WELLS

McCullough #2

7-12-49 Move rig up, and pull rods and part of tubing.

7-13-49 Finished pull tubing, swabbed well, got about 10 bbls. of fluid acidized with 6000 gal. Dowell Company

7-14-49 Fluid level up 75' before acidizing, swabbed 161 bbls. from 12 p. m. to 12 a. m.

7-14-49 Swabbed 10 bbls. to 12 a. m. to 6 a. m.

7-15-49 Ran 3540' of 2" tubing start run rods.

7-15-49 Finished run rods, and start well pumping - tore down rig.

KANSAS

CORPORATION COMMISSION

Kathleen Sebelius, Governor Brian J. Moline, Chair John Wine, Commissioner Robert E. Krehbiel, Commissioner

**NOTICE OF RECEIPT OF WELL PLUGGING APPLICATION (CP-1)**

Murfin Drilling Co., Inc.  
250 N. Water, Ste 300  
Wichita, KS 67202

November 06, 2003

Re: MCCULLOUGH #2  
API 15-163-04075-00-00  
NESWNW 35-10S-19W, 3630 FSL 4290 FEL  
ROOKS COUNTY, KANSAS

Dear Operator:

This letter is to notify you that the Conservation Division is in receipt of your plugging proposal, form CP-1, for the above-captioned well.

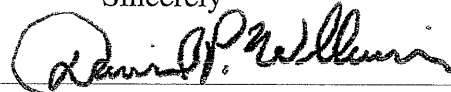
Your CP-1 has been reviewed by the Conservation Division central office for completeness and to verify license numbers. The plugging proposal will now be forwarded to the district office listed below for review of your proposed method of plugging.

**Please contact the district office for approval of your proposed plugging method at least five (5) days before plugging the well, pursuant to K.A.R. 82-3-113 (b). If a workover pit will be used during the plugging of the well it must be permitted. A CDP-1 form must be filed and approved prior to the use of the pit.**

The Conservation Division's review of form CP-1, either in the central or district office, does not include an inquiry into well ownership or the filing operator's legal right to plug the well.

**This notice in no way constitutes authorization to plug the above-captioned well by persons not having legal rights of ownership or interest in the well. This notice is void after ninety (90) days from the above date.**

Sincerely



David P. Williams  
Production Supervisor

District: #4  
2301 E. 13th  
Hays, KS 67601  
(785) 625-0550