

State Geological Survey

WICHITA BRANCH

APPLICANT AND COMPLETION FORM

JAN 22 1982

ACO-1

30-11-19W

This form must be filed in triplicate with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within five days after the completion of the well, regardless of how the well was completed. Circle one (Oil, gas, dry, SWD, OWWO, injection). Please type. Complete ALL sections. Applications must be filed for dual completion, commingling, salt water disposal and injection. Attach wireline logs (i.e. electrical log, sonic log, gamma ray neutron log, etc.) KCC#-(316) 263-3238.

OPERATOR Murfin Drilling Company API NO. 15-051-22,715

ADDRESS 617 Union Center Bldg. COUNTY Ellis

Wichita, KS FIELD Pool Ext.

*CONTACT PERSON Kerran Redington LEASE Zerfas

PHONE 267-3241 PROD. FORMATION Arbuckle

PURCHASER NCRA WELL NO. 4-30

ADDRESS McPherson, KS WELL LOCATION NE NE SE

330 Ft. from east Line and
2450 Ft. from south Line of
the SE SEC. 30 TWP. 11S RGE. 19W

DRILLING CONTRACTOR Murfin Drilling Co.

ADDRESS 617 Union Center Bldg.
Wichita, KS 67202

PLUGGING CONTRACTOR n/a

ADDRESS _____

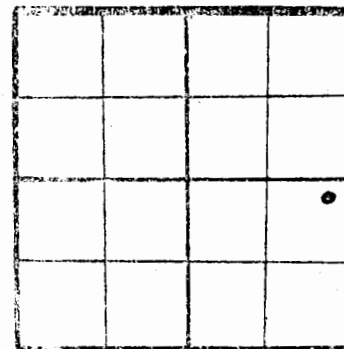
TOTAL DEPTH 3765' PBDT 3732'

SPUD DATE 11-15-81 DATE COMPLETED 11-24-81

ELEV: GR2106'DF xxx KR 2111'

DRILLED WITH ~~XXXXXX~~ (ROTARY) (~~XXX~~) TOOLS

Report of all strings set — surface, intermediate, production, etc. (New)/(~~XXXX~~) casing.



WELL PLAT
(Quarter) or (Full) Section
Please indicate.

KCC _____
KGS _____
MISC.

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#	240	Common Sunset	185	---
production	7-7/8	5 1/2"	15.5	3764	Class A 50-50 Poz	25 75	10% salt, 75%CFR2, 2%gel
					50-50 Poz	75	10% salt, 75%CFR2, 2%gel
2nd stage cement	300 sx	Howco Lite 3/4	per sx	Flocelle, 100 sx	50-50 Poz, 10% salt, 75% CFR2, 2% gel, 3/4#Per		35gals Late: sx Flocelle

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			4		3687-88'

TUBING RECORD

Size	Setting depth	Packer set at
2 7/8"	3660'	

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used
none

RECEIVED
STATE CORPORATION COMMISSION

JAN 13 1982

30-11-19W

Name of lowest fresh water producing stratum N/A Depth 150'
Estimated height of cement behind pipe _____

WELL LOG

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
<u>WELL LOG</u>			<u>LOG TOPS</u>	
Surface Rock & Sand		90	Anhydrite	1462 (+647)
Shale		241	B/Anhydrite	1498 (+611)
Sand & Shale		1457	Topeka	3103 (-994)
Anhydrite		1501	Heebner	3323 (-1214)
Shale		2600	Toronto	3341 (-1232)
Shale & Lime		3671	Lansing	3363 (-1254)
Dolomite		3715	BKC	3582 (-1473)
Arbuckle		3765	Marmaton	3614 (-1505)
			Arbuckle	3671 (-1562)
DST #1: 3350-3402'/45-45-45-45. Rec. 10' OSpm. HYD: 1841-1818#. BHP: 104-69#. FP: 46-46/46-46#.				
DST #2: 3405-3420'/45-45-45-45. Rec. 10'M. HP: 1852-1830#. BHP: 58-35#. FP: 23-23/35-35#.				
DST #3: 3420-3436'/45-45-45-45. Rec. 15' CGO, 109'MW. HYD: 1841-1818#. BHP: 553-564. FP: 35-46/58-69#.				
DST #4: 3477-3565'/ Rec. 77' m w/O spts. HYD: 1920-1898#. BHP: 998-941#. FP: 69-69/81-92#.				
DST #5: 3640-3671'/ Rec. 124' GIP, 900' CGO. HYD: 1989-1966#. BHP: 1078-1087#. FP: 69-240/288-357#.				

USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.

A F F I D A V I T

STATE OF KANSAS, COUNTY OF SEDGWICK SS,

Wayne Johnston OF LAWFUL AGE, BEING FIRST DULY SWORN UPON HIS OATH, DEPOSES AND SAYS:

THAT HE IS Production Manager FOR Murfin Drilling Company OPERATOR OF THE Zerfas LEASE, AND IS DULY AUTHORIZED TO MAKE THIS AFFIDAVIT FOR AND ON BEHALF OF SAID OPERATOR, THAT WELL NO. 4 ON SAID LEASE HAS BEEN COMPLETED AS OF THE 7 DAY OF January 19 81, AND THAT ALL INFORMATION ENTERED HEREIN WITH RESPECT TO SAID WELL IS TRUE AND CORRECT.

RECEIVED
STATE OF KANSAS
COMMISSIONER OF REVENUE

JAN 17 1981