

5

AP| NO. 15-...101-21,462-~~0000~~.....

County.....Lane.....

NE SE SW Sec. 21. Twp 19S. Rge. 29... X East
West

..990..... Ft North from Southeast Corner of Section
2970..... Ft West from Southeast Corner of Section

(Note: Locate well in section plat below)

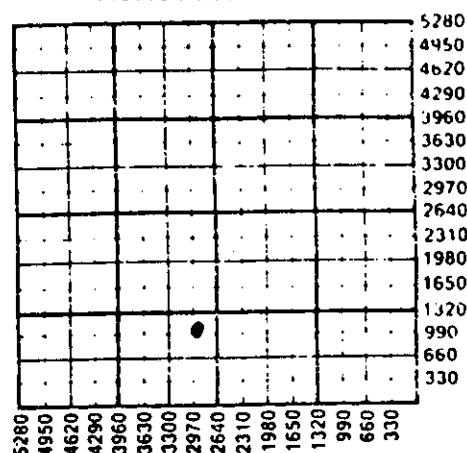
Lease Name.....McWhirter.....Well #.....1.....

Field Name.....

Producing Formation.....NA.....

Elevation: Ground.....2855.....KB...2860.....

Section Plot



WATER SUPPLY INFORMATION

Disposition of Produced Water: _____ Disposal
Docket # Repressuring

Questions on this portion of the ACO-1 call:
Water Resources Board (913) 296-3717

Source of Water: .
Division of Water Resources Permit #...NA.....

Groundwater.....Ft North from Southeast Corner
(Well)Ft West from Southeast Corner of
Sec Two Rge East West

X Surface Water.....Ft North from Southeast Corner
(Stream,pond etc).....Ft West from Southeast Corner
NW/4 Sec 10Twp 20SRge 28 East X West

Other (explain).....
(purchased from city, R.W.D. #)

```
Operator: License # ...5886.....
Name .CHIEF DRILLING CO., INC.....
Address .151 N. MAIN #700.....
      .WICHITA, KS. 67202.....
City/State/Zip .....
```

Purchaser.....NA.....

Operator Contact Person .. F.W. SHELTON, JR.
Phone 316-262-3791

Contractor: License # 5883
Name WARRIOR DRILLING CO.

Wellsite Geologist..... Jim Gribbi.....
Phone..... 316-684-6413.....

Designate Type of Completion
☒ New Well ☐ Re-Entry ☐ Workover

☐ Oil	☐ SWD	☐ Temp Abd
☐ Gas	☐ Inj	☐ Delayed Comp.
☒ Dry	☐ Other (Core, Water Supply etc.)	

If ONWO: old well info as follows:

Operator	
Well Name	
Comp. Date	Old Total Depth.....

WELL HISTORY

Drilling Method: X Mud Rotary Air Rotary Cable

..3-16-88.	..3-24-88...	..3-25-88...
Soud Date	Date Reached TD	Completion Date

RTD..47.40..	..NA.....
Total Depth	PSTD

Amount of Surface Pipe Set and Cemented at.....323'feet
Multiple Stage Cementing Collar Used? ___ Yes X No
If yes, show depth set.....NA.....feet
If alternate 2 completion, cement circulated
from.....feet depth to.....w/.....SX cmt
Cement Company Name
Invoice #

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 apply. Information on slide two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form. See rule 82-3-107 for confidentiality in excess of 12 months. One copy of all wireline logs and drillers time log shall be attached with this form. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature F.W. SHELTON, JR.,
Title..... VICE PRESIDENT..... Date 3-28-88.

Subscribed and sworn to before me this 28th day of March, 1988.

Notary Public.....
Martha E. Gustin

Date Commission Expires.....4-15-89..

K.C.C. OFFICE USE ONLY

☒ Letter of Confidentiality Attached

☐ Wireline Log Received

☐ Drillers Timelog Received

Distribution

☒ KCC	☐ SWD/Rep	☐ NGPA
☒ KGS	☐ Plug	☐ Other

(Specify)

Form ACO-1 (5-86)

Secd. Imp. / Rge. 29 W

 **MARTHA E. GUSTIN**
NOTARY PUBLIC
STATE OF KANSAS
MY APPT. EXPIRES 4/15/04

Operator Name CHIEF DRILLING CO., INC. Lease Name..... McWhirter Well #..... 1

Sec..... 21 Twp..... 19S Rge..... 29 ☐ East
☒ West County..... LANE

WELL LOG

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken ☒ Yes ☐ No
Samples Sent to Geological Survey ☒ Yes ☐ No
Cores Taken ☐ Yes ☒ No

Formation Description
☒ Log ☐ Sample

Name Top Bottom

3-18-88 Drilling @ 2200'
3-19-88 Drilling @ 2800'
3-20-88 Drilling @ 3348'
3-21-88 Drilling @ 3920'
3-22-88 Drilling @ 4265'
3-23-88 Drilling @ 4486' lost part of cone in hole,
fishing it out,

3-24-88 Drilling @ 4600' TD 4740', Ran E-log
3-25-88 D&A Plugged w/50 sx @ 2200', 80 sxs @ 1700'
40 sxs @ 350', 10 sxs @ 40', 15 sxs RH,
started @ 7:15 am, Comp. @ 10:00 am,
Dan Goodrow, Dist. #1 State Plugger,
195 sxs total, 60/40 posmix, 6% gel.
Final Report

FORMATION TOPS:
Anhydrite 2184 + 676
Base Anhyd 2211 + 646
Topeka 3741 - 881
Heebner 3992 - 1132
Toronto 4008 - 1148
Lansing 4036 - 1176
MuhcieCr Sh 4214 - 1354
Stark Sh 4330 - 1470
BKC 4409 - 1549
Marmaton 4449 - 1589
Pawnee 4534 - 1674
Ft. Scott 4579 - 1719
Cherokee 4602 - 1742
Mississippi 4668 - 1808
T.D. 4740 - 1880

E-LOG TOPS:
Anhydrite 2182 + 678
Base Anhy. 2210 + 650
Topeka 3739 - 879
Heebner 3990 - 1130
Toronto 4003 - 1143
Lansing 4030 - 1170
Muncie Cr 4220 - 1360
Stark 4325 - 1465
BKC 4404 - 1544
Marmaton 4447 - 1587
Pawnee 4524 - 1664
Ft. Scott 4570 - 1710
Cherokee 4594 - 1734
Johnson 4631 - 1771
Miss. Lime 4661 - 1801
Miss. Dolo 4714 - 1854
LTD 4738 - 1878

CASING RECORD ☒ New ☐ Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (in O.D.)	Weight Lbs/Ft.	Setting Depth	Type of Cement	#Sacks Used	Type and Percent Additives
Surface	12.1/4	8.5/8	20#	323'	60/40	180	3% cc. 2&gel
					POZMIX		
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
TUBING RECORD				Liner Run ☐ Yes ☐ No			
Size		Set At		Packer at			
Date of First Production		Producing Method					
		☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (explain).....					
Estimated Production Per 24 Hours		Oil	Gas	Water	Gas-Oil Ratio	Gravity	
		Bbls	MCF	Bbls			

METHOD OF COMPLETION

FROM CONFIDENTIAL
Production Interval

Disposition of gas: ☐ Vented
☐ Sold
☐ Used on Lease

☐ Open Hole ☐ Perforation
☐ Other (Specify)

☐ Dually Completed
☐ Commingled
Single

RELEASED

APR 17 1989

FROM CONFIDENTIAL

CHIEF DRILLING CO., Inc.

Drilling Contractors - Oil Producers

151 N. MAIN

SUITE 700

WICHITA, KANSAS 67202

DAILY DRILLING REPORT

API: 15-101-21,462

RIG #1

(316) 262-3791

V. RICHARD HOOVER
PRESIDENT

McWHIRTER (#2516)
NE SE SW SEC. 21-19S-29W
LANE COUNTY, KS

ELEVATION: 2855 GR
2857 DF
2860 KB

3-15-88 Moved in 7 loads on location
3-16-88 Finished moving in, Spudded in @ 3:00 pm,
ran 7 jts. 317', new 20# 8 5/8" csg, set
@ 323', cem w/180 sxs, 60/40 posmix, 3% cc
2% gel, plug down @ 8:30 pm
3-17-88 Drilling out from under surface
3-18-88 Drilling @ 2200'
3-19-88 Drilling @ 2800'
3-20-88 Drilling @ 3348'
3-21-88 Drilling @ 3920'
3-22-88 Drilling @ 4265'
3-23-88 Drilling @ 4486' lost part of cone in hole,
fishing it out,
3-24-88 Drilling @ 4600' TD 4740', Ran E-log
3-25-88 D&A Plugged w/50 sx @ 2200', 80 sxs @ 1700'
40 sxs @ 350', 10 sxs @ 40', 15 sxs RH,
started @ 7:15 am, Comp. @ 10:00 am,
Dan Goodrow, Dist. #1 State Plugger,
195 sxs total, 60/40 posmix, 6% gel.
Final Report

FORMATION TOPS:

Anhydrite	2184 +	676
Base Anhyd	2211 +	646
Topeka	3741 -	881
Heebner	3992 -	1132
Toronto	4008 -	1148
Lansing	4036 -	1176
MuncieCr Sh	4214 -	1354
Stark Sh	4330 -	1470
BKC	4409 -	1549
Marmaton	4449 -	1589
Pawnee	4534 -	1674
Ft. Scott	4579 -	1719
Cherokee	4602 -	1742
Mississippi	4668 -	1808
T.D.	4740 -	1880

E-LOG TOPS:

Anhydrite	2182 +	678
Base Anhy.	2210 +	650
Topeka	3739 -	879
Heebner	3990 -	1130
Toronto	4003 -	1143
Lansing	4030 -	1170
Muncie Cr	4220 -	1360
Stark	4325 -	1465
BKC	4404 -	1544
Marmaton	4447 -	1587
Pawnee	4524 -	1664
Ft. Scott	4570 -	1710
Cherokee	4594 -	1734
Johnson	4631 -	1771
Miss. Lime	4661 -	1801
Miss. Dolo	4714 -	1854
LTD	4738 -	1878

KANSAS GEOLOGICAL SURVEY
WICHITA BRANCH
APR 05 1988

RECEIVED
STATE CORPORATION COMMISSION

MAR 29 1988
03-29-88
CONSERVATION DIVISION
Wichita, Kansas