



Notice: Fill out COMPLETELY and return to Conservation Division at the address below within 60 days from plugging date.

KANSAS CORPORATION COMMISSION 1084029
OIL & GAS CONSERVATION DIVISION

Form CP-4
March 2009

Type or Print on this Form
Form must be Signed
All blanks must be Filled

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

OPERATOR: License #: _____
 Name: _____
 Address 1: _____
 Address 2: _____
 City: _____ State: _____ Zip: _____ + _____
 Contact Person: _____
 Phone: (_____) _____
 Type of Well: (Check one) Oil Well Gas Well OG D&A Cathodic
 Water Supply Well Other: _____ SWD Permit #: _____
 ENHR Permit #: _____ Gas Storage Permit #: _____
 Is ACO-1 filed? Yes No If not, is well log attached? Yes No
 Producing Formation(s): List All (If needed attach another sheet)
 _____ Depth to Top: _____ Bottom: _____ T.D. _____
 _____ Depth to Top: _____ Bottom: _____ T.D. _____
 _____ Depth to Top: _____ Bottom: _____ T.D. _____

API No. 15 - _____
 Spot Description: _____
 _____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West
 _____ Feet from North / South Line of Section
 _____ Feet from East / West Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
 County: _____
 Lease Name: _____ Well #: _____
 Date Well Completed: _____
 The plugging proposal was approved on: _____ (Date)
 by: _____ (KCC District Agent's Name)
 Plugging Commenced: _____
 Plugging Completed: _____

Show depth and thickness of all water, oil and gas formations.

Oil, Gas or Water Records		Casing Record (Surface, Conductor & Production)			
Formation	Content	Casing	Size	Setting Depth	Pulled Out

Describe in detail the manner in which the well is 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 depth placed from (bottom), to (top) for each plug set.

Plugging Contractor License #: _____ Name: _____
 Address 1: _____ Address 2: _____
 City: _____ State: _____ Zip: _____ + _____
 Phone: (_____) _____
 Name of Party Responsible for Plugging Fees: _____
 State of _____ County, _____, ss.
 _____ Employee of Operator or Operator on above-described well,
 (Print Name)

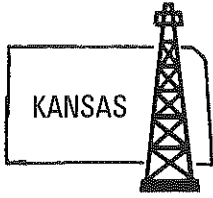
being first duly sworn on oath, says: That I have knowledge of the facts statements, and matters herein contained, and the log of the above-described well is as filed, and the same are true and correct, so help me God.

Submitted Electronically

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

RIG 6 DRILLING CO.

RT. 1, BOX 132
BRONSON, KS 66716



R.K. (Bud) SIFERS
(316) 939-4330

COMPANY: PERKINS OIL ENTERPRISES, INC.

ADDRESS: RT. 1, BOX 132

HOWARD, KS 67109

LEASE: ORNTON

COUNTY: DE

LOCATION: 2310' FNL/ 330' FBL

SBC: 3 / TWP: 30 / RGE: 9

COMMENCE: 6/5/96

COMPLETED: 6/11/96

WELL # : PPO :

API # : 15 049 22, 1/0

STATUS: DRY HOLE

T.D.: 2657' - 7 7/8"

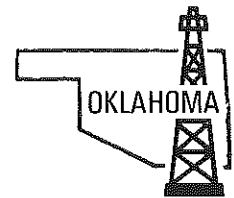
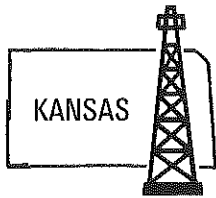
CASING: 40' - 8 5/8" CMT W/ 20 SX

JOHN J. BARKER
(316) 365-7806

1150 SH	1150 SH
1159 LS	1159 LS
1211 SH	1211 SH
1348 LS	1348 LS
1455 SH	1455 SH
1470 LS	1470 LS
1510 SH	1510 SH (TOP K.C. LS)
1678 LS	1678 LS
1696 SH	1696 SH (BLK)
1724 LS	1724 LS (BASE K.C.)
1782 SH	1782 SH
1785 LS	1785 LS
1829 SH	1829 SH
1852 LS	1852 LS
1915 SH	1915 SH
1954 LS	1954 LS
1969 SH	1969 SH
1990 LS	1990 LS
1996 SH	1996 SH (BLK)
2000 LS	2000 LS
2015 SH	2015 SH
2219 SH	2219 SH
2607 LS	2607 LS (MISSISSIPPIAN)
2656 SH	2656 SH (VINDERHOOR)
2657 LS	2657 LS (CARBUCLE- NO SHOW OR ODOR - T.D.)
	PLUGGING REPORT:::
	50' PLUG @ 2657
	PLUG 500' TO SURFACE
	CONCRETE
1087 SH	
1088 SH	
1085 SA	(VERY LT ODR)
1099 SH	
1110 LS	

RIG 6 DRILLING CO.

RT. 1, BOX 132
BRONSON, KS 66716



R.K. (Bud) SIFERS
(316) 939-4330
10179
COMPANY: PERKINS OIL ENTERPRISES
ADDRESS: BOX 707
HOWARD, KS 67349
ORDERED BY: JIM

DATE: 6/12/96
LEASE: DENTON
COUNTY: EK
WELL #: PFO 3
APT #: 15-049 22,328

JOHN J. BARKER
(316) 365-7806

SERVICE	RATE	UNITS	EXTENSION
LOCATION/PIT CHG.			N/A
SET SURFACE CSC.			N/C
CEMENT SURFACE/W O.C.	\$140. PER HOUR	3	N/C
DRILLING CHG./FT	\$5.25 PER FT	2657'	13,944.00
CIRCULATING	\$140. PER HOUR	3	420.00
DRILL STEM TEST	\$140. PER HOUR		N/A
LOGGING	\$100. PER HOUR		N/C
CORE SAMPLES	\$100. PER BOX		N/A
WATER HANDLING	\$ 50. PER HOUR		N/C
BIT CHG. (LIME W/O)	COST + 10%		N/A
DRILL STRING LOST	\$10. PER FOOT		N/A
TRUCKING	\$40. /HR \$1. /MILE		N/A
REJECT ROOT	\$10. PER MAN HOUR		N/A
RUBBLING CASING	\$100. PER HOUR		N/C
RIGGING UP	\$140. PER HOUR	1	N/C
RIGGING DOWN	\$140. PER HOUR	1	N/C
OTHER			

MATERIALS PROVIDED:

SAMPLE BAGS	28.00 PER BX	1	28.00
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TOTAL AMOUNT \$ 16,397.00

TERMS --- CASH UPON CEMENT---

REMIT TO: RIG 6 DRILLING COMPANY, INC.
ROUTE 1 BOX 132
BRONSON, KS 66716

THANK YOU !!! WE APPRECIATE YOUR BUSINESS !!!

GEOLOGICAL REPORT

Perkins Oil Enterprises, Inc.

Denton PFO-3

2310' FNL, 330' FEL, NE/4

Section 3-T30S-R9E

Elk County, Kansas

COMMENCED:	06/04/96	STATUS:	D&A
COMPLETED:	06/10/96	API NO.:	15-047-22,328
CONTRACTOR:	Rig "6"	OPER. LIC.:	04448
SIZE HOLE:	7 7/8"	FIELD:	Perkins Farmout
SURFACE PIPE:	8 5/8" @ 41'	ELEVATION:	Surveyed
CEMENTED WITH:	20 sx	GL:	1185
LONG STRING:		KB:	----
CEMENTED WITH:		RTD:	2657
		LOGS RUN:	----
OTHER:		MUD SYSTEM:	Chemical/Gel

GEOLOGICAL CONSULTING

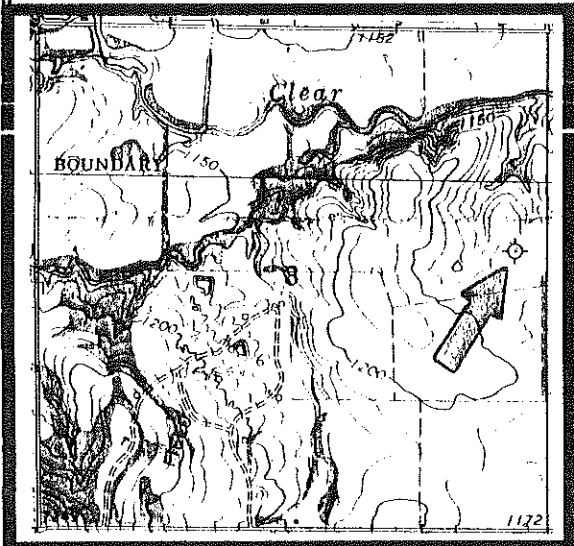
Rex R. Ashlock

Petroleum Geologist

HC 1 Box 60

Hamilton, KS 66853

(316) 678-3837



GEOLOGICAL CONSULTING

HC 1 Box 60
Hamilton, KS 66853

Rex R. Ashlock
Petroleum Geologist

(316)678-3837

June 11, 1996

Perkins Oil Enterprises, Inc.
RT. 2
Box 707
Howard, KS 67349

RE: Denton PFO-3
2310'FNL, 330'FEL, NE/4
Section 3-T30S-R9E
Elk County, Kansas

Dear Sir:

The following report on the subject well is based on microscopic examination of rotary cuttings from 950' to a rotary total depth of 2657' and a sample bag marked 669' to 693'. All measurements were taken from ground level which was surveyed in at 1185'. The following samples tops were picked:

Haskell	1043	+142
Stalnaker	1068	+117
Lansing	1099	+86
Bonner Springs	1342	-157
Kansas City	1453	-368
Stark	1635	-450
Hushpuckney	1691	-506
Base Kansas City	1723	-538
Marmaton	1781	-596
Summit Coal Zone	1989	-804
Mulky Coal Zone	2005	-820
Cherokee	2005	-820
Ardmore	2058	-873
Mississippi Conglomerate	2286	-1101
Mississippi Lime	2294	-1109
Cowley Facies	2298	-1113
Osage Facies	2464	-1279
Kinderhook	2607	-1422
Arbuckle	2655.83	-1470.83
RTD	2657	-1472

MAJOR ZONES OF INTEREST

Sample bag marked 669' - 693'. Sandstone, white, clear, coarse grained, angular to very angular, well sorted, very poorly consolidated to loose, good to very good intergranular porosity.

Stalnaker Sand. 1068 - 1085. Sandstone, white, very light tan, fine to coarse grained, sub-angular to angular, moderately well sorted, well consolidated, friable, poor trace good intergranular porosity, weak fluorescence, very weak odor, scattered staining, very very weak show of free oil, zone appears watery and does not merit further testing.

Kansas City Group.

Layton Sand. No development.

Stark. 1635 - 1637. Shale, black, no apparent gas shows.

Canville Limestone. 1640 - 1646. Limestone, very light tan, tan, fine to coarse crystalline, fair to good crystalline and vugular porosity, scattered fluorescence and stain, no show of free oil, does not merit further testing.

Hushpuckney. 1691 - 1696. Shale, black, carbonaceous in part, trace red, maroon and grey-green shale, pyritic, a sample was collected and placed in zip-lock bag - no expansion was observed.

Summit Coal Zone. 1989 - 1992. Shale, black, trace grey-green, pyritic in part, three samples were collected and placed in separate zip-lock bags - no gas expansion was observed.

Mulky Coal Zone. 2005 - 2009. Shale, black, trace carbonaceous fragments in part, three samples were collected and placed in separate zip-lock bags - no gas expansion was observed.

Mississippi "Lime". 2294 - 2298. Limestone, mottled tans, dolomitic in part, very fine to coarse crystalline, poor crystalline porosity, trace vugular porosity, 1% to 2% of sample showed dull fluorescence, no odor, very very weak show of free oil and stain where vugular.

Arbuckle. 2655' 10" - 2656'. Dolomite, very light to light tan, medium crystalline, fair to good crystalline porosity, very weak to questionable odor, scattered dull with trace fair fluorescence, very very weak show of free oil under black light conditions.

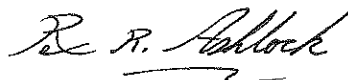
2656' - 2656' 8". Dolomite, very light tan, trace medium tan, medium with traces of coarse crystalline, fair to good crystalline porosity, very weak questionable odor, poor to fair fluorescence in 1% to 3% of sample, very weak to weak show of free oil under black light, 2 pieces with fair show of free oil with white light, 1% to 3% of sample had dead oil shows.

2656' 8" - 2657. Dolomite, very light grayish tan, fine to very coarse crystalline, poor to very poor crystalline porosity, trace vugular porosity with large calcite crystals in vugs, dull fluorescence, no odor, no staining, no show of free oil, does not merit further testing.

SUMMARY

Due to the lack of commercial oil shows and the structural position of the Arbuckle as related to the #1 and the #2 Denton, the decision was made to plug and abandon the well as dry.

Sincerely,

A handwritten signature in cursive script that reads "Rex R. Ashlock". The signature is written in dark ink and has a decorative flourish at the end.

Rex R. Ashlock
Petroleum Geologist

NO. 77-10

DRILLING TIME In Minutes Per Foot
Rate of Penetration Decreases

5 10 15 20 25

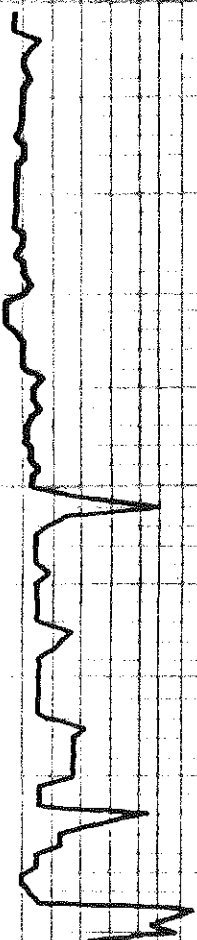
DEPTH

LITHOLOGY

SAMPLE DESCRIPTIONS

OIL SHOWS

REMARKS



900

Spl. bag 669-693, SS, WH, CL,
CRS GN, ANG-V. ANG,
W-SORT, VP. CONS-LOOSE
G-VG. GN POR, NS

SH, GY, TR RED

SS, WH, FN-MED. GN, ANG, MOD
SORT, MOD-W. CONS, FRI, F-
G. INTERGN POR, NS

SS, A/A, TR SH

1000

SH, GY, TR RED

SH, GY, GY-GRN, SLTY IN PART

SS, WH, FN. GN, ANG, W-SORT
W-CONS, FRI F-G. POR, NS

LS, TAN, VEN-MED XLN, FOSS
IN PART

Haskell



LS, TAN, VEN-MED XLN, FOSS
IN PART

SH, GY-GRN, RED

SS, WH, V-LT. TAN, FN-CRS
GN, S-ANG-ANG, MW-SORT,
W. CONS FRI, P-TR G. GN
POR, WK-FLWR, VWX QDAR
SCAT STAING, VU-WH-SED
ZONE APP. WTRY (SEMI FRM)

SH, GY, TR RD

1100

LS, OFF WH, CRM, MICRO-FU-
XLN, P-F. POR, NS

LS, LT. TAN, FU-MED XLN, P.F.
POR

SH, GY-GRN, PALE GRN, TR RED
TR SLTY

LS, OFF WH, FU-XLN, F-POR

SH, DK GP

LS, V-LT GY'ISH OFF WH, VEN
XLN, VP. POR W/ TR G. POR
SCAT STAIN + SCAT DULL
FLWR, ABFO WOODOR

LS A/A, TR V-LT GY-GRN SH

LS, OFF WH, WH, VEN-CRS
XLN, G-VG XLN POR

1200

LS, CRM, TR TAN, FU-CRS
XLN, TR SH

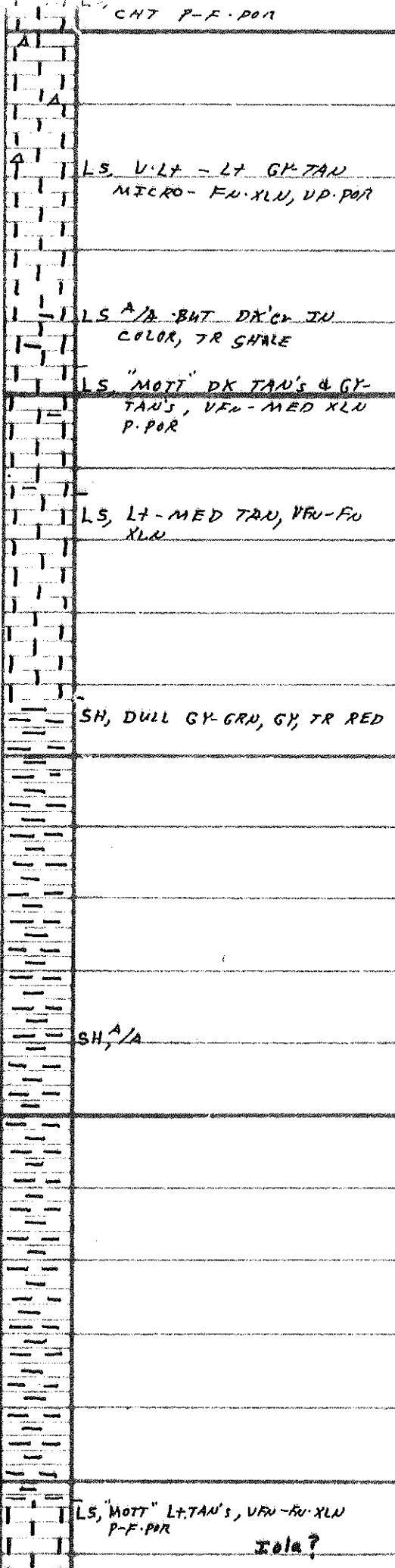
LS, "MOTT" LT. TAN'S, FU-
V-FU XLN, P. POR, W/RP4
GRN-GRAY SH

LS, VLT CRM-TAN, TR WH
CNT P-F. POR

Haskell
1043(+142)

"Stalnaker"
1068(+117)

Lansing
1099(+86)



CNT P-F-POR

LS, V. LT - LT GY-TAN
MICRO-FU-XLU, VP-POR

LS, A/A-BHT DK GR TAN
COLOR, TR SHALE

1300

LS, "MOTT" DK TAN'S & GY-TAN'S,
VFU-MED XLU P-POR

LS, LT-MED TAN, VFU-FU XLU

SH, DULL GY-GRN, GY, TR RED

Bonner Spgs.
1342 (-157)

SH, A/A

1400

LS, "MOTT" LT-TAN'S, VFU-FU-XLU
P-F-POR
Iola?

Kansas City
1453 (-368)

Kansas City
1453 (-368)

LS, "MOTT" LT.TAN's, V.FU-FU.XLN
P-F.POR
Iola?

LS, GY-TAN, MICRO-FU.XLN, DENSE
SH, GRN-GY, TR RED

SH, GY-GRN, SLTY-SUDY

1500

SH, GRN-GY, TR RD, TR V.DX.GY
V.SLTY-TO-SUDY

LS, CRM, OFF WH, VEN.XLN

SH, GRN-GY, RED, SLTY

LS, V.LT.GY, MICRO XLN

SH, PALE GRN, GRN-GY, TR RED
SLTY

LS, LT.GY'ish TAN, MICRO-
FU.XLN

LS, MED TAN-GY, MICRO-
MED XLN, VP.POR

LS, V.LT.TAN, CRM, FU-CRS.XLN
G-VG.XLN POR, NS

LS, CRM, OFF WH, FU.XLN,
P-VP.POR

1600

LS, CRM, OFF WH, V.LT.TAN
MICRO-TO-CRS.XLN, F-G.
XLN POR, NS

LS, V.LT.GY'ish TAN, VEN-MED
XLN

SH, BLX

LS, V.LT.TAN-TAN, FU-CRS.
XLN, F-G.XLN & V.G.
POR, SCAT FLUOR & STAIN
N.S.F.

LS, "MOTT" GY-TAN's, V.FU-MED
XLN, P-TR F.POR, TR
GRN-GY SH

LS, V.LT.GY'ish - CRM/TAN
VEN-TR MED XLN P.POR

Stark
1635 (-450)
Canville
1640 (-455)
w/ ♂



1600

LS, CRM, OFF WH, V-LT. TAN
MICRO-TU-CRS. XLN, F-G.
XLN POR, NS

LS, V-LT. GY'ish TAN, VFN-MED
XLN

SH, BLK

LS, V-LT. TAN-TAN, FU-CRS.
XLN, F-G. XLN & VUG
POR, SCAT FLHOR & STAIN
N-SFO

LS, "MOTT" GY-TAN'S, VFN-MED
XLN, P-TR F-POR, TR
BRN-GY SH

LS, V-LT GY'ish - CRM/TAN
VFN- TR MED XLN, P.POR

LS, DEP. WH, CRM, MICRO-
MED XLN, P-VP POR, TR
F. POR 166-68 → NS

SH, BRIT RED & GRN-GY

Zip Lock Bag, 1690-1700, SH,
BLK, TR RED, MAROON, & GRN-GY,
TR FINE FRAG, PH, NS CHAL
NO INH GAS

SH, BLK

LS, "MOTT" V-LT. GY'ish CRM-
TAN'S, VFN-CRS. XLN
P-F. XLN POR, TR CNT, NS

1700

LS, A/A, TR MORE V-LT. TAN
CRS. XLN, VP. POR

SH, V-DK GY, BLK

LS, V-LT. GY-TAN, FU-MED
XLN, VP. POR

SH, OLIVE GY-GRN, RED

SH, BLK, V-DK GY

SH, V-DK GY, TR OLIVE GRN &
RED

SH, A/A, TR BLK

LS, CRM, OFF WH, MICRO-VFN
XLN, VP. POR

SH, GRN-GRAY, RED, V-SLTY-TO-
SNDY

1800

SH, GRN-GY, GY-GRN, TR SLTY

JET &
MUD UP

Stark
1635(-450)
Canville
1640(-455)
w/ ♂

Hushpuckney
1691(-506)

Base Ks. City
1723(-538)

Marmaton
Group
1781(-596)

JET +
MUD UP

1800

SH, GRN-GY, GY-GRN, TR SLTY

LS, CRM, V-LTAN, TR OFF
WH, VFN-MED XLN, P-UP
XLN-POR

SH, BLK

SH, PALE GRN, SLTY-TO-
SANDY LENS

SS, WH, V-LT GRN, ANG, MOD SORT
MUD CONS, FRI, SLTY-TO-
SHLY, NS (Wisen)

1900

SH, LT-GY, GY-GRN, TR RED

LS, V-DK TAN, FN-XLN, DENSE

SH, BLK
LS, DK "VEL" TAN, DENSE, TR
"DULL" GRN-GY SH

LS, MED-DK TAN, FN-MED
XLN

LS, MED XLN, TAN

SH, BLK, CARB & PY'IC
SH, V-DK GY, GRN-GY, TR
SLTY

LS, CRM, LT-TAN, FN-MED
XLN, P-XLN POR - NOTE -
1-3% of Spl carrying F
FINE & STAINING FROM 75-80
USED, N. NOTICEABLE ODR
Has F-G POR

Circ 15-25-35

SH, BLK, TR GRN-GY, PY'IC
3 Spl's bagged - No Exp
LS, V-LT-TAN, FN-XLN, F-POR, NS

2000

LS, V-LT-GY'S, FN-CRS.
XLN, P-UP-POR

SH, BLK, TR CARB. FRAG.
3 Bags - No Exp.

SH, GRN-GY, GY, TR RD

Circ 15-25-35

"Summit" Coal
Zone
1989(-804)

"Mulky" Coal
Zone
2005(-820)

Circ 15-25-35

2000

Circ 15-25-35

SH, BLK, TR GRN-GY, PY¹²
3 Spl's bagged - NO EXP
LS, V. LT. TAN, F. XLN, F. POR, NS₂
LS, V. LT. GY'S, FN-CRS.
XLN, P-UP. FOR

SH, BLK, TR CARB. FRAG.
3 Bags - NO EXP.
SH, GRN-GY, GY, TR RD

SH, A/A, SLTY-SNDY

SH, GK-GRN, V. SLTY-TO-SNDY

SH, DK-V. DK GY-BLK

LS, "MATT" TAN'S, ARG IN PART

LS, GRN, DENSE, TR FOSS
SH, BLK
SILTST, WH-V. LT. GRN

SH, MED-DK GY

2100

SH, PALE GRN, GRN-GY'S, SLTY

SH, A/A, TR BLK CARB SH

SH GRN-GY, SLTY-SNDY

SH, GRN-GY, GY-GRN, TR BLK
"Upper Bu Zone"

SH, GY-GRN, SLTY, TR VFN GN
WH SS CLUSTERS, NS

SH, BLK, CARB "Lower Bu Zone"
SH, PALE-TO-DULL GRN-GY
TR VFN GN SS CLUSTERS
w/NO SAND - "leaves"

SH, DULL GRN-GY'S

2200

Summit Coal
Zone
1989(-804)

"Mulky" Coal
Zone
2005(-820)
Cherokee
Same

Ardmore
2058(-873)

Spl Look for same
2170-2180
DARK GRN-GRN
TR BLK - SILTY

2200

LS "MOTT" DK TAN'S, ARG
SH, PALE-TO-MED GY-GRN,
OLIVE GRN, RED & MAROON
TR BLK

Jet P.P. &
MIX MARL
Thin s.s.

SH, GY-GRN'S & BLK

SH, DK GY, RD, GY

Vis 4/

SH A/A, TR BLK SH & Lig FRAG

Vis 35 / 10' 9"
Circ. & Mix Chalk
Eighth 8' 10" 10' 10"
Start 5' Spl

CGL, GY, GRN, RED, SH, TR VEN.
GN. SS, TR WEATHERED LS &
CNT FRAG.

Cowley - Post 2200

2300

LS, DOL'ic IN PART, VEN-CRS XLN
P. XLN POR, TR VLG POR, NO
ODOR, 1-3% DULL FLUOR, VU LY
SP & STAZN WHERE UNGGY
DOL'ic/SH, BRN, DK BRN, GLAUC
SILTY-EARTHY TEXTURE

Miss. Cgl.
2286(-1101)

Miss. "Lime"
2294(-1109)

Cowley Facies
2298(-1113)

10' Spl

DOL'ic/SH, V. DK GY-BRN, V.
DK BRN, SILTY-EARTHY
TEXTURE, TR CHAL

Vic 36
WT 3.2
PV 1.3
VP 1.6
FTH 74.9
PH 77.0
TAND 0
CI - 800 ppm
Lcm 24 1/2 gal

DOL'ic/SH A/A, But looks
more "shaley" & is almost
black, so dark gray brown
TR GLAC & CHAL

2400

2400



DOL'ic/SH A/A, But looks more "shaley" & is almost black, so dark gray brown TR GLAC & CHAL

DOL'ic/SH A/A, TR MORE GLAC & AUG

LS/DOL, LS-V.LT TAN, FU-V-CRS XLN, V.FOSS IN PART, DOL IS FROM TAN, MED XLN TO VL LT. GRN, V.FU-MICRO XLN, Looks a little like a slight TR DENSE-ND, DULL GRN & RED SH upper part if lime is ARG

DOL, V.LT CRM/GRN, V.FU.XLN TR LS, TR SEMI-FU-TRANDL CRT

2500

DOL, CRM, OFF WH, "LIMY" FU-CRS XLN WHERE "LIMY" P-VP. XLN PAR

DOL A/A, Little more CRM TO LT. TAN, P-VP. PAR TR SHALE IN 30 SP'

DOL, OFF WH, CRS XLN, F-PAR

DOL/LS, MICRO-CRS XLN MICRO XLN has a orange cast to it. FU-CRS IS V.LT TAN-TAN-CRM, OR CRS XLN, VV LT. SEMI TRASL DIL

DOL'ic/LS, OFF WH, CRM, FU-CRS XLN, TR SH IN 60 SP'

DOL/LS A/A, TR DULL GRN-GY-GRN SLTH SH, TR BLS

2600

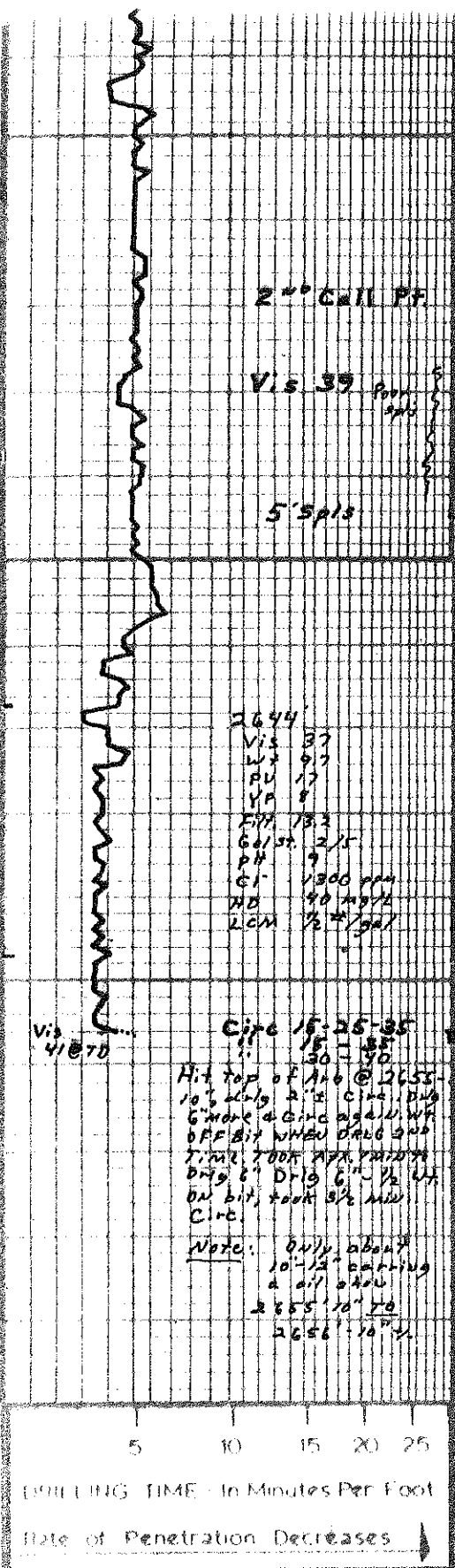
LS, VV LT. GY, Lt. GYish-TAN, MICRO-FU.XLN, VP. PAR DENSE, POSS RED GY SH PLAT IN PART-BECOMES. OFF WH

"Osage" 2464(-1279)

2" CRILL FF

V.S. 39

5' Sp13



DEPTH	LITHOLOGY	SAMPLE DESCRIPTIONS
		TR SHALE 20 30 sp'
		DOL, OFF WH, CRS XLN, F-POR
		DOL/LS, MICRO-CRS-XLN MICRO XLN HAS a ORANGE CAST H. I.L. FU-CRS IS V-LT TAN-TAN-CRM, TR CRS XLN, VV LT. SEMI TRASH DIL
		DOL/LS, OFF WH, CRM, FU- CRS XLN, TR SH 20 60 sp'
		DOL/LS A/A, TR DULL GRN- GK-GRN SLTY SH, TR BLK
		LS, VV LT. GK, Lt. GYish-TAN, MICRO-FU-XLN, VP-POR DENSE, POSS RDP GY SH PLAT TR PART-BECOMES, OFF WH CRM AT BASE
		SH, BLK, PY'ic, TR VV-DK CHOCBRN - PY'ic
		SH, BLK, PY'ic, SLIGHT "PUNGENT" ODR
		SH, VV-DK BRN/BLK, SLTY-EARTHY TEXTURE, PY'ic, STG PUNGENT ODR
		DOL, V-LT-TO-LT-TAN, MED XLN, F- G-XLN POR, VVWK-? ODR SCAT DWL W/ TR F-FLOOR VVWK-SFO UNDER BLK LIGHT
		2656-56.8, DOL, V-LT-TAN, TR MED TAN, MED, TR CRS-XLN, F-G-XLN POR, VVWK-WK-SFO UNDER BLK LIGHT, 2 pieces w/ F-SFO W/ WH LIGHT, VVWK-? ODR, F-F- FLOOR, 1-576 W/ DEAD GEL SHOW
		2656.8-57, DOL, V-LT GYish TAN, FU-VERS XLN, P-UP-XLN POR, TR VLG POR W/ LG CALCITE XLN, N-SFO, N-POR, DWL FLOOR

OIL SHOWS	REMARKS
	Kinderhook 2607(-1422)
	49' (RDP OFF)
	Arbuckle 2655.83 (10") (-1470.83) RTD 2657(-1472)

CONTRACTOR Rig "6" Drilg. Co LOCATION 2310 FNL, 330 FEL, NE/4
 LEASE Denton PFO-3 IF D+A SEC 3 TWSP 30s RNG 9E
 ELEVATION 1185 G+ RTD 2657 COUNTY Elk STATE Kansas