



1050063

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_ ☐ East ☐ West County: \_\_\_\_\_

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i>  List All E. Logs Run: _____	<input type="checkbox"/> Log      Formation (Top), Depth and Datum <input type="checkbox"/> Sample  <div style="display: flex; justify-content: space-between;"> <span>Name</span> <span>Top</span> <span>Datum</span> </div>
---	---

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> 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

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
____ Perforate				
____ Protect Casing				
____ Plug Back TD				
____ Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD:		Size:	Set At:	Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR.			Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____		
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <i>(Submit ACO-5)</i> <input type="checkbox"/> Commingled <i>(Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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Conservation Division  
Finney State Office Building  
130 S. Market, Rm. 2078  
Wichita, KS 67202-3802



phone: 316-337-6200  
fax: 316-337-6211  
<http://kcc.ks.gov/>

Thomas E. Wright, Chairman  
Ward Loyd, Commissioner

Corporation Commission

Sam Brownback, Governor

January 28, 2011

David D. Montague  
Knighton Oil Company, Inc.  
1700 N WATERFRONT PKY  
BLDG 100 STE A  
WICHITA, KS 67206

Re: ACO1  
API 15-101-22270-00-00  
Catherine 1  
NE/4 Sec.03-17S-28W  
Lane County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,  
David D. Montague

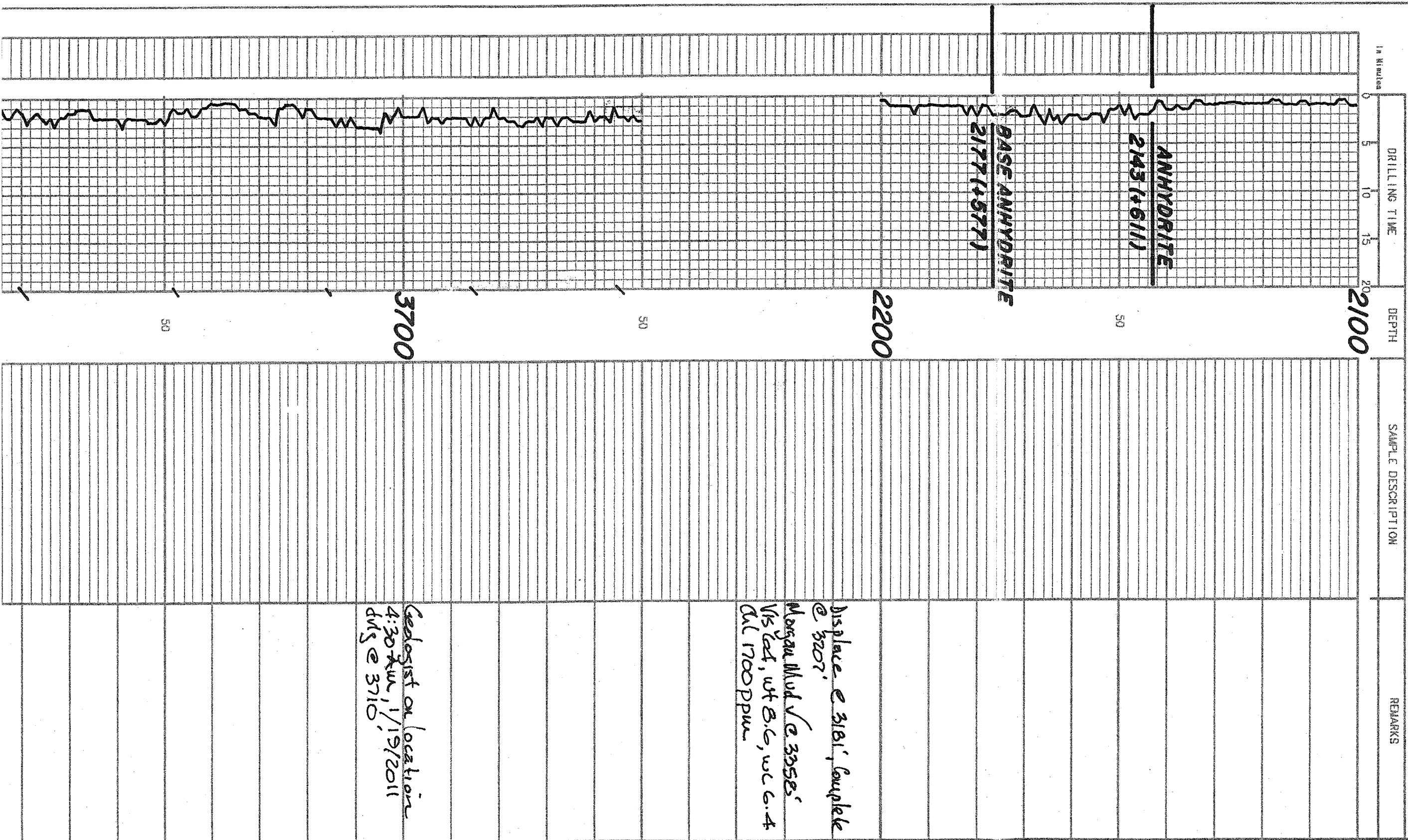


# LEGEND

- Anhydrite
- Salt
- Sandstone
- Shale
- Carb sh
- Limestone
- Dol. Limestone
- Chert
- Dolomite

SCALE " = 100'

MONT01-7





3800

ls, lt gray, to soft, fine blk  
chalky  
sh, to blk

Vis 58, 9.0 wt  
duly @ 3800 @  
Mar 1/19/2011

50

ls, lt gray, very chalky  
ls, lt gray, fine xls, pps  
ls, to blk  
ls, gray, fine xls, chalky  
ls, lt gray, cum, foss, w/sggy  
foss pps, us

3900

ls, gray, fine xls, chalky  
sh, to blk  
ls, gray, lt gray, dus  
ls, tan, cum, sub soft,  
snable, chalky in pt, pps  
ls, tan, brn, fine - med xls  
blk, dus w/ls chalky

Vis 60, 9.1 wt

HEEBNER

3939 (-1185)

50

sh, black, carb.  
ls, lt gray, argil w/ sh, gray-gray  
soft  
ls, gray, med - crs xls, dus  
ls, fine, fine xls

Morgan Mud ✓  
Vis 60, 9.1 wt, 6.8 wt  
Chl 3000 ppm, tr leu

LANSING

3978 (-1224)

4000

ls, tan - brn, fine xls, compact  
w/ls, w/lt gray, med fine  
sh, argillaceous, no obvious sh  
ls, gray, gray, red  
ls, tan - brn, fine xls, compact  
w/ls, w/lt gray, med fine  
sh, argillaceous, no obvious sh  
ls, tan, dk green, tr argil  
ls, sh, argil ls  
w/ls tan, cum, fine to med xls  
ls, cum, fine xls, argil in pt  
sh, gray, sh, argil in pt, green

38, 000 #, 850 PP

Vis 62, 9.3 wt

ls, cum, buff, fine xls, chalky  
in pt

50

ls, cum, buff, fine xls, chalky  
in pt

39781-12241

36

5

50

38,000 # 550 PP #

Geological malfunctions  
due to ice on land  
between connections

Vs SE, 9.3 wt

Jet Pit, Add Pre-Wix

AFS @ 3:30 AM 1/20/2011  
Start out for 30 stand  
Short trip @ 5 AM -  
Rig problems with clutch  
Started out again at  
10 AM - Pulled mostly  
right - went back to  
the circ. Start out  
for DST #1 Pulled right  
on 35th stand for  
10 stands. Pulled bit  
off, went back to  
the circ. We're clean  
Start out again for  
DST #1 at 7 PM

Shrap. II Short to Board  
SKT 10

Morgan Mud / @ 4245'  
V/S 51, 9.1 wt, 6.4 wt  
cll 3000 ppm, 1# LCM  
D1g @ 4262 @ MAX  
1/21/2011  
V/S 43, 9.3 wt

**DST 4221-4245.**



—25—

55

15, lt gray, faw xlu, ool w/  
 5y-gd ooc ps in pt, 55ft in  
 pt, light shu, weight flwr  
 Cnc 20" spk, sh, black, callb  
 15, faw, qy, th xlu durs  
 Cnc 40", several P's 15, faw  
 th xlu, sh 5ur, sp' pp'd, 5cat  
 ool, 5sh

big problems with cluster  
started out again at  
10 am pulled mostly  
tight - went back to  
burn, circ. start out  
for DST #1 pulled tight  
on 35th stand for  
10 stands. Pulled bit  
out, went back to  
burn, circ. hole clean  
start out again for  
DST #1 at 7 pm

Sharp. 11 Shant to Board  
SET 10

Morgan Mudd Co 4245

Vis 51, 9.1 wt, 6.4 wt  
cll 3000 ppm, 1# lclw

Drig 4262 @ 7Mm  
1/21/2011

VIS 43, 9.3.44

4300

OKC

43081-1554

15.  $\text{C}_6\text{H}_5\text{N}_3\text{O}_6$ , Slichaalk  
w/tdk green alk

Shale, black

15, 16m, used - Cors X 1m, dus

$\rightarrow h, \text{red}, \text{green}(\text{Silver}), \text{gray}$   
 $\text{B}, \text{avg}, \text{lt gray}$

13, 14, buff to tan, the xlu  
dus, few pcs w/ great inter xlu  
ps, spky, bright flwr, no sfw, no odor

5k, black (trace)

Shirley, Soft in P, red

B, G, J, Jan, and Xla dms

1)  $\mu = \text{weil-cis } X_n, q^{-1}$ ,  
 2)  $\mu = \text{das 1. Pl. 2. n.}$

Original sent for Xln

3.  $\text{Ch}_1, \text{Ch}_2$  w/ fr black shale

3,1799, crn. v. f. x. l. m.  
2000, dus

such, but, in the very

440

5. Area,  $494,46 \text{ km}^2$

Sh. green m. red

S,  $\neq$  qq, das 2h, das  
stellen in pt.

is, even for Xun Shu's  
 1/5, 9/10 used Xun Shu, had

VIS 53, 9.3.62, 1<sup>st</sup> LCM

da, dk qy, hd compact  
s, dk qy, hd, dk ill in pt

sh, b/zet (cars.)

1194, 1195, 1196, 1197, 1198, 1199, 1200, 1201, 1202, 1203, 1204, 1205, 1206, 1207, 1208, 1209, 1210, 1211, 1212, 1213, 1214, 1215, 1216, 1217, 1218, 1219, 1220, 1221, 1222, 1223, 1224, 1225, 1226, 1227, 1228, 1229, 1230, 1231, 1232, 1233, 1234, 1235, 1236, 1237, 1238, 1239, 1240, 1241, 1242, 1243, 1244, 1245, 1246, 1247, 1248, 1249, 1250, 1251, 1252, 1253, 1254, 1255, 1256, 1257, 1258, 1259, 1260, 1261, 1262, 1263, 1264, 1265, 1266, 1267, 1268, 1269, 1270, 1271, 1272, 1273, 1274, 1275, 1276, 1277, 1278, 1279, 1280, 1281, 1282, 1283, 1284, 1285, 1286, 1287, 1288, 1289, 1290, 1291, 1292, 1293, 1294, 1295, 1296, 1297, 1298, 1299, 1300, 1301, 1302, 1303, 1304, 1305, 1306, 1307, 1308, 1309, 1310, 1311, 1312, 1313, 1314, 1315, 1316, 1317, 1318, 1319, 1320, 1321, 1322, 1323, 1324, 1325, 1326, 1327, 1328, 1329, 1330, 1331, 1332, 1333, 1334, 1335, 1336, 1337, 1338, 1339, 1340, 1341, 1342, 1343, 1344, 1345, 1346, 1347, 1348, 1349, 1350, 1351, 1352, 1353, 1354, 1355, 1356, 1357, 1358, 1359, 1360, 1361, 1362, 1363, 1364, 1365, 1366, 1367, 1368, 1369, 1370, 1371, 1372, 1373, 1374, 1375, 1376, 1377, 1378, 1379, 1380, 1381, 1382, 1383, 1384, 1385, 1386, 1387, 1388, 1389, 1390, 1391, 1392, 1393, 1394, 1395, 1396, 1397, 1398, 1399, 1400, 1401, 1402, 1403, 1404, 1405, 1406, 1407, 1408, 1409, 1410, 1411, 1412, 1413, 1414, 1415, 1416, 1417, 1418, 1419, 1420, 1421, 1422, 1423, 1424, 1425, 1426, 1427, 1428, 1429, 1430, 1431, 1432, 1433, 1434, 1435, 1436, 1437, 1438, 1439, 1440, 1441, 1442, 1443, 1444, 1445, 1446, 1447, 1448, 1449, 1450, 1451, 1452, 1453, 1454, 1455, 1456, 1457, 1458, 1459, 1460, 1461, 1462, 1463, 1464, 1465, 1466, 1467, 1468, 1469, 1470, 1471, 1472, 1473, 1474, 1475, 1476, 1477, 1478, 1479, 1480, 1481, 1482, 1483, 1484, 1485, 1486, 1487, 1488, 1489, 1490, 1491, 1492, 1493, 1494, 1495, 1496, 1497, 1498, 1499, 1500, 1501, 1502, 1503, 1504, 1505, 1506, 1507, 1508, 1509, 1510, 1511, 1512, 1513, 1514, 1515, 1516, 1517, 1518, 1519, 1520, 1521, 1522, 1523, 1524, 1525, 1526, 1527, 1528, 1529, 1530, 1531, 1532, 1533, 1534, 1535, 1536, 1537, 1538, 1539, 1540, 1541, 1542, 1543, 1544, 1545, 1546, 1547, 1548, 1549, 1550, 1551, 1552, 1553, 1554, 1555, 1556, 1557, 1558, 1559, 1560, 1561, 1562, 1563, 1564, 1565, 1566, 1567, 1568, 1569, 1570, 1571, 1572, 1573, 1574, 1575, 1576, 1577, 1578, 1579, 1580, 1581, 1582, 1583, 1584, 1585, 1586, 1587, 1588, 1589, 1590, 1591, 1592, 1593, 1594, 1595, 1596, 1597, 1598, 1599, 1600, 1601, 1602, 1603, 1604, 1605, 1606, 1607, 1608, 1609, 1610, 1611, 1612, 1613, 1614, 1615, 1616, 1617, 1618, 1619, 1620, 1621, 1622, 1623, 1624, 1625, 1626, 1627, 1628, 1629, 1630, 1631, 1632, 1633, 1634, 1635, 1636, 1637, 1638, 1639, 1640, 1641, 1642, 1643, 1644, 1645, 1646, 1647, 1648, 1649, 1650, 1651, 1652, 1653, 1654, 1655, 1656, 1657, 1658, 1659, 1660, 1661, 1662, 1663, 1664, 1665, 1666, 1667, 1668, 1669, 1670, 1671, 1672, 1673, 1674, 1675, 1676, 1677, 1678, 1679, 1680, 1681, 1682, 1683, 1684, 1685, 1686, 1687, 1688, 1689, 1690, 1691, 1692, 1693, 1694, 1695, 1696, 1697, 1698, 1699, 1700, 1701, 1702, 1703, 1704, 1705, 1706, 1707, 1708, 1709, 1710, 1711, 1712, 1713, 1714, 1715, 1716, 1717, 1718, 1719, 1720, 1721, 1722, 1723, 1724, 1725, 1726, 1727, 1728, 1729, 1730, 1731, 1732, 1733, 1734, 1735, 1736, 1737, 1738, 1739, 1740, 1741, 1742, 1743, 1744, 1745, 1746, 1747, 1748, 1749, 1750, 1751, 1752, 1753, 1754, 1755, 1756, 1757, 1758, 1759, 1760, 1761, 1762, 1763, 1764, 1765, 1766, 1767, 1768, 1769, 1770, 1771, 1772, 1773, 1774, 1775, 1776, 1777, 1778, 1779, 1780, 1781, 1782, 1783, 1784, 1785, 1786, 1787, 1788, 1789, 1790, 1791, 1792, 1793, 1794, 1795, 1796, 1797, 1798, 1799, 1800, 1801, 1802, 1803, 1804, 1805, 1806, 1807, 1808, 1809, 1810, 1811, 1812, 1813, 1814, 1815, 1816, 1817, 1818, 1819, 1820, 1821, 1822, 1823, 1824, 1825, 1826, 1827, 1828, 1829, 1830, 1831, 1832, 1833, 1834, 1835, 1836, 1837, 1838, 1839, 1840, 1841, 1842, 1843, 1844, 1845, 1846, 1847, 1848, 1849, 1850, 1851, 1852, 1853, 1854, 1855, 1856, 1857, 1858, 1859, 1860, 1861, 1862, 1863, 1864, 1865, 1866, 1867, 1868, 1869, 1870, 1871, 1872, 1873, 1874, 1875, 18

$$\sqrt{13} \text{ s}^2, 9.2 \text{ uJ}, \frac{1}{2} \text{ cm}^2$$

99y, 100y, 101y - med  
in, mostly ind

h, dk qy, b l a k

black (cush)

tan, tu - used Xun, Shi in 1st  
couple 2's 15, tan tu - used  
u, yin put there, also, p 1/3 p

Vrs S<sub>0</sub>, 9.1 wt, 2<sup>nd</sup> LEM

450

**CHEPOKEE**

45111-1757

105

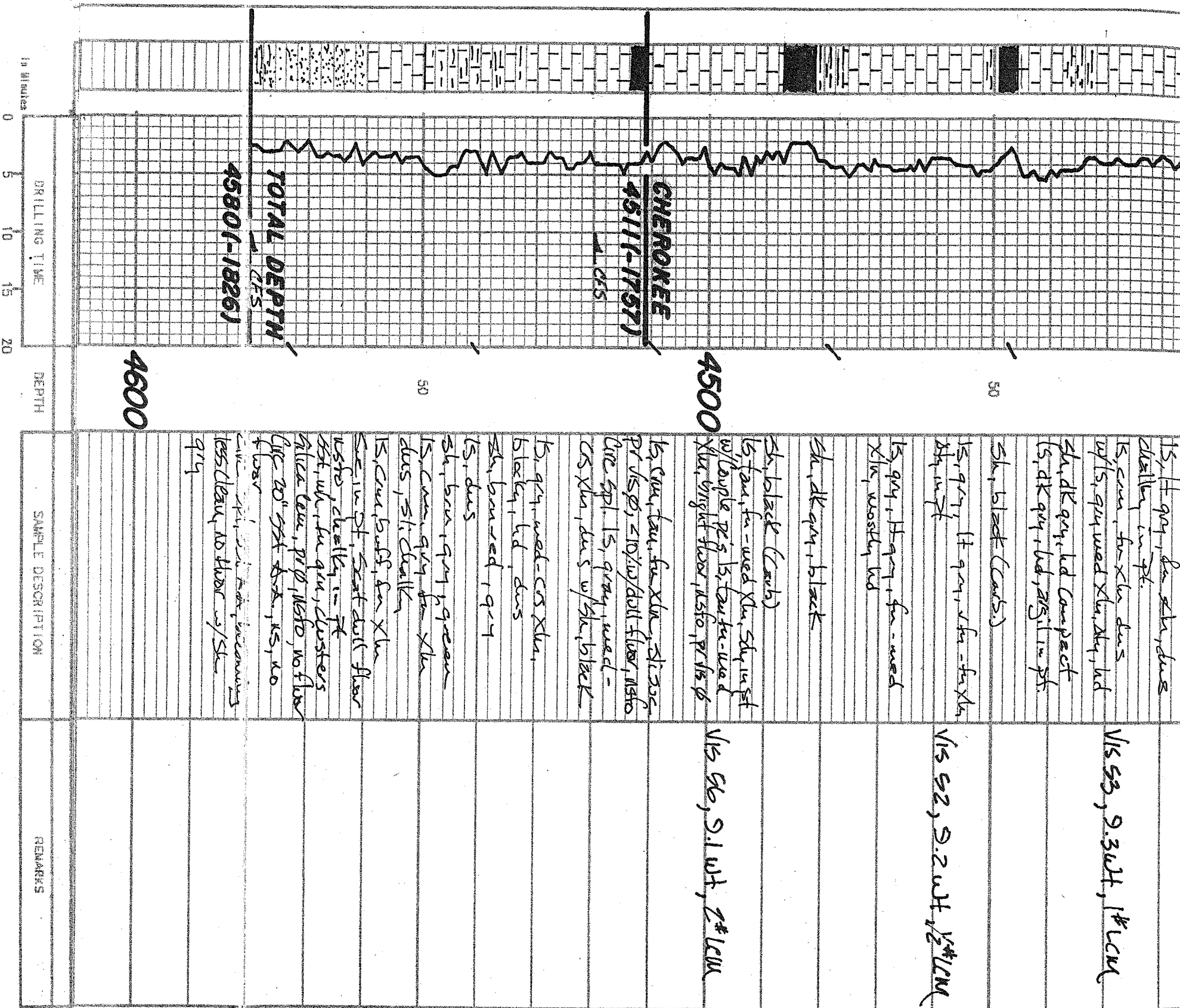
5, gray, weed -  
Xun, das w/ha, black

gr, med - cos xln,

borned 1974

ours  
born again







PO BOX 31 Russell, KS 67665

# INVOICE

Invoice Number: 125903

Invoice Date: Jan 15, 2011

Page: 1

Voice: (785) 483-3887

Fax: (785) 483-5566

Federal Tax I.D.#: 20-5975804

## Bill To:

Knighthon Oil Co., Inc.  
1700 No. Waterfront Parkway  
Building #100 - Suite A  
Wichita, KS 67206

PAID  
1/25/11

Customer ID	Well Name# or Customer P.O.		Payment Terms	
Knig	Catherine #1		Net 30 Days	
Job Location	Camp Location	Service Date	Due Date	
KS1-01	Oakley	Jan 15, 2011	2/14/11	

Quantity	Item	Description	Unit Price	Amount
165.00	MAT	Class A Common	13.65	2,252.25
3.00	MAT	Gel	20.40	61.20
6.00	MAT	Chloride	57.15	342.90
174.00	SER	Handling	2.10	365.40
40.00	SER	Mileage 174 sx @ .10 per sk per mi	17.40	696.00
1.00	SER	Surface	999.00	999.00
40.00	SER	Pump Truck Mileage	7.00	280.00

ALL PRICES ARE NET, PAYABLE  
30 DAYS FOLLOWING DATE OF  
INVOICE. 1 1/2% CHARGED  
THEREAFTER. IF ACCOUNT IS  
CURRENT, TAKE DISCOUNT OF

\$ 999.35

ONLY IF PAID ON OR BEFORE

Feb 9, 2011

Subtotal	4,996.75
Sales Tax	167.35
Total Invoice Amount	5,164.10
Payment/Credit Applied	
TOTAL	5,164.10

WELL FILE

# ALLIED CEMENTING CO., LLC. 040812

Federal Tax I.D.# 20-5975804

REMIT TO PO BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT:  
Olathe, KS

1-15-11	SEC. 3	TWP. 17	RANGE 28	LOCATION 5 holes e - Pawnee Rd	ON LOCATION 1:00pm	JOB START 7:30pm	JOB FINISH 8:00pm
LEASE CASH-LEASE	WELL # 1					COUNTY Lane	STATE KS
OLD OR NEW (Circle one)				1 1/2 5-16-32			

CONTRACTOR Lo. Co. #4 OWNER \_\_\_\_\_

TYPE OF JOB Surface

HOLE SIZE 12 1/4" T.D. 218'

CASING SIZE 8 3/4" DEPTH 218'

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_

TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_

PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_

MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_

CEMENT LEFT IN CSG. 15'

PERFS. \_\_\_\_\_

DISPLACEMENT 12.9 bbl

EQUIPMENT \_\_\_\_\_

PUMP TRUCK CEMENTER Fuzzy

# 431 HELPER Danew

BULK TRUCK \_\_\_\_\_

# 394 DRIVER Jerry

BULK TRUCK \_\_\_\_\_

# \_\_\_\_\_ DRIVER \_\_\_\_\_

REMARKS:  
CEMENT did circulate  
Approx 7 bbls

Job complete @ 8:00pm

Thumps Flange & Cereus

CHARGE TO: Knighton Oil Co.

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

To Allied Cementing Co., LLC.

You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME Ray Schneider

SIGNATURE Ray Schneider

CEMENT

AMOUNT ORDERED 165 bbls cement 30% cc

290 gal

COMMON	<u>165</u>	@ <u>13.65</u>	<u>2252</u>	<u>25</u>
POZMIX		@		
GEL	<u>3</u>	@ <u>20.40</u>	<u>61</u>	<u>20</u>
CHLORIDE	<u>6</u>	@ <u>57.15</u>	<u>342</u>	<u>90</u>
ASC		@		

HANDLING	<u>174</u>	@ <u>2.10</u>	<u>365</u>	<u>40</u>
MILEAGE	<u>1045.4 miles</u>	@	<u>696</u>	<u>00</u>
TOTAL			<u>3717</u>	<u>75</u>

SERVICE

DEPTH OF JOB	<u>218'</u>	
PUMP TRUCK CHARGE		<u>999</u>
EXTRA FOOTAGE	@	
MILEAGE	@ <u>7.00</u>	<u>280</u>
MANIFOLD	@	
TOTAL		<u>1279</u>

PLUG & FLOAT EQUIPMENT

	@	
	@	
	@	
	@	
TOTAL		

SALES TAX (if Any) \_\_\_\_\_

TOTAL CHARGES \_\_\_\_\_

DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

WELL FILE





PO BOX 31 Russell, KS 67665

# INVOICE

Invoice Number: 125957

Invoice Date: Jan 22, 2011

Page: 1

Voice: (785) 483-3887  
Fax: (785) 483-5566

**Bill To:**  
Knighton Oil Co., Inc.  
1700 No. Waterfront Parkway  
Building #100 - Suite A  
Wichita, KS 67206

Federal Tax I.D.#: 20-5975804

Customer ID		Well Name# or Customer P.O.		Payment Terms	
Knig		Catherine #1		Net 30 Days	
Job Location		Camp Location		Service Date	Due Date
KS1-03		Oakley		Jan 22, 2011	2/21/11

Quantity	Item	Description	Unit Price	Amount
162.00	MAT	Class A Common	13.65	2,211.30
108.00	MAT	Pozmix	7.60	820.80
9.00	MAT	Gel	20.40	183.60
68.00	MAT	Flo Seal	2.45	166.60
282.00	SER	Handling	2.10	592.20
40.00	SER	Mileage 282 sx @ .10 per sk per mi	28.20	1,128.00
1.00	SER	Plug to Abandon	1,000.00	1,000.00
40.00	SER	Pump Truck Mileage	7.00	280.00
<i>CHANGING #1 CEMENT PLUGGING</i>				

ALL PRICES ARE NET, PAYABLE  
30 DAYS FOLLOWING DATE OF  
INVOICE. 1 1/2% CHARGED  
THEREAFTER. IF ACCOUNT IS  
CURRENT, TAKE DISCOUNT OF

\$ 1276.50

ONLY IF PAID ON OR BEFORE  
Feb 16, 2011

Subtotal	6,382.50
Sales Tax	402.10
Total Invoice Amount	6,784.60
Payment/Credit Applied	
<b>TOTAL</b>	<b>6,784.60</b>

- 1276.50  
5508.10

WELL FILE

ALLIED CEMENTING CO., LLC. 040819

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT:  
OAKLEAFS

1-22-14	SEC. 3	TWP. 17S	RANGE 28W	LOC. 5 Shields E. Paucered	1125-1W 51N	
DATE	WELL #	LOCATION	CALLLED OUT	ON LOCATION	JOB START	JOB FINISH
1-22-14	3	17S	28W	3:00pm	1:30pm	2:00pm
LEASE	WELL #	LOCATION	CALLLED OUT	ON LOCATION	COUNTY	STATE
OLD OR NEW (Circle one)	3	17S	28W	3:00pm	Lano	KS

CONTRACTOR	W-C #41	OWNER	
TYPE OF JOB	PTA	CEMENT	
HOLE SIZE	7 7/8	TD.	4580'
CASING SIZE		DEPTH	
TUBING SIZE		DEPTH	
DRILL PIPE	4 1/2	DEPTH	2190'
TOOL		DEPTH	
PRES. MAX		MINIMUM	
MEAS. LINE		SHOE JOINT	
CEMENT LEFT IN CSG.			
PERFS.			
DISPLACEMENT			

EQUIPMENT			
PUMP TRUCK	CEMENTER K2224		
#	431	HELPER	TERRY
BULK TRUCK			
#	396	DRIVER	LEIBER
BULK TRUCK			
#		DRIVER	

REMARKS:	
304K3 @ 2190'	
304K3 @ 1380'	
504K3 @ 690'	
404K3 @ 240'	
204K3 @ 60'	
304K3 in PBI	
Job complete @ 2:00pm	
Turnups Fezzuacire	

CHARGE TO:	Kushdon Oil Co.	
STREET		
CITY	STATE	ZIP

To Allied Cementing Co., LLC.  
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME	Malvey Roberts
SIGNATURE	Malvey Roberts

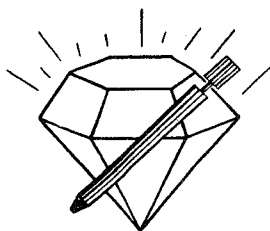
CEMENT		
AMOUNT ORDERED	2770	60/40 46ozed
1/4 # 8105 ea 1		
COMMON	162	@ 13 65 2211 30
POZMIX	108	@ 7 60 830 80
GEL	9	@ 20 44 183 80
CHLORIDE		@
ASC		@
Floer 1	68 #	@ 2 45 166 60
HANDLING	282	@ 2 10 592 20
MILEAGE	10 x 54 x 1.16	1128 00
TOTAL	5102	50

SERVICE	
DEPTH OF JOB	2190'
PUMP TRUCK CHARGE	10000
EXTRA FOOTAGE	@
MILEAGE	40 @ 7 00 280 00
MANIFOLD	@
	@
	@
TOTAL	1280 00

PLUG & FLOAT EQUIPMENT	
	@
	@
	@
	@
	@
TOTAL	

SALES TAX (If Any)	
TOTAL CHARGES	
DISCOUNT	IF PAID IN 30 DAYS

WELL FILE



# DIAMOND TESTING

P.O. Box 157

HOISINGTON, KANSAS 67544

(620) 653-7550 • (800) 542-7313

Page 1 of 2 Pages

Company Knighton Oil Company, Inc. Lease & Well No. Catherine No. 1  
Elevation 2756 KB Formation Swope Effective Pay      -- Ft. Ticket No. 2765  
Date 1-20-11 Sec. 3 Twp. 17S Range 28W County      Lane      State Kansas  
Test Approved By David Montague Diamond Representative Roger D. Friedly

Formation Test No. 1 Interval Tested from 4,221 ft. to 4,245 ft. Total Depth 4,245 ft.

Packer Depth 4,216 ft. Size 6 3/4 in. Packer Depth      -- ft. Size      -- in.

Packer Depth 4,221 ft. Size 6 3/4 in. Packer Depth      -- ft. Size      -- in.

Depth of Selective Zone Set      ft.

Top Recorder Depth (Inside) 4,202 ft. Recorder Number 1150 Cap. 5,000 psi

Bottom Recorder Depth (Outside) 4,242 ft. Recorder Number 3851 Cap. 5,700 psi

Below Straddle Recorder Depth      ft. Recorder Number      Cap.      psi

Drilling Contractor WW Drilling, LLC - Rig 4 Drill Collar Length 124 ft. I.D. 2 1/4 in.

Mud Type Chemical Viscosity 51 Weight Pipe Length      -- ft. I.D.      -- in.

Weight 9.1 Water Loss 6.4 cc. Drill Pipe Length 4,064 ft. I.D. 3 1/2 in.

Chlorides 3,000 P.P.M. Test Tool Length 33 ft. Tool Size 3 1/2 - IF in.

Jars: Make Sterling Serial Number 3 Anchor Length 24 ft. Size 4 1/2 - FH in.

Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 - XH in.

Blow: 1st Open: Weak, 1/8 in., blow increasing to 1 1/2 ins. No blow back during shut-in.

2nd Open: Weak, surface blow increasing to 1 in. No blow back during shut-in.

Recovered 25 ft. of slightly oil cut mud = .123000 bbls. (Grind out: 2%-oil; 98%-mud)

Recovered      ft. of     

Recovered      ft. of     

Recovered      ft. of     

Recovered      ft. of     

Remarks Diesel in bucket.

Tool Sample Grind Out: 4%-oil; 96%-mud

Time Set Packer(s) 10:26 ~~XXX~~ P.M. Time Started Off Bottom 1:26 A.M. ~~XXX~~ Maximum Temperature 110°  
Initial Hydrostatic Pressure ..... (A) 2069 P.S.I.  
Initial Flow Period ..... Minutes 30 (B) 5 P.S.I. to (C) 14 P.S.I.  
Initial Closed In Period ..... Minutes 30 (D) 762 P.S.I.  
Final Flow Period ..... Minutes 60 (E) 16 P.S.I. to (F) 25 P.S.I.  
Final Closed In Period ..... Minutes 60 (G) 624 P.S.I.  
Final Hydrostatic Pressure ..... (H) 2068 P.S.I.



KNIGHTON OIL COMPANY, INC.  
 DST #1 SWOPE 4,221' - 4,245'  
 Start Test Date: 2011/01/20  
 Final Test Date: 2011/01/21

CATHERINE #1  
 Formation: DST #1 SWOPE 4,221' - 4,245'  
 Pool: WILDCAT

# CATHERINE #1

