



Operator name Nor-West Kansas Oil, LLC

Lease Name R & D Younkin Well # 1

Sec. 19 Twp. 11S Rge. 33

East  
 West

County Logan

**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 (Attach Additional Sheets.)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Log Formation (Top), Depth and Datums	<input type="checkbox"/> Sample	
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Anhydrite	2600 Top	+534
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		2627 Btm	+507
List All E.Logs Run:			Heebner Shale	4028	-894
Radiation - guard			Toronto	4052	-918
			Lansing-KC	4068	-934
			Muncie Creek Shale		
				4217	-1083
			Stark shale	4306	-1172
			Fort Scott	4560	-1426
			Cherokee Shale	4590	-1456
			Johnson Zone	4635	-1501

CASING RECORD <u>  </u> New <u>  </u> 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#	251'	60/40 Poz, 3% CC, 2% gel	180	

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top/Btm	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Csg				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	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 Inj.	<u>D &amp; A</u>	Producing Method	<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other
--	------------------	------------------	--

Estimated Production Per 24 Hours	Oil <u>N/A</u> Bbbls	Gas <u>N/A</u> Mcf	Water <u>N/A</u> Bbbls	Gas-Oil Ratio	Gravity
-----------------------------------	----------------------	--------------------	------------------------	---------------	---------

Disposition of Gas:  Vented  Sold  Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION:  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_

Production Interval: \_\_\_\_\_

15-109-20637-00-00

MARK TORR  
Independent Petroleum Geologist  
P.O. Box 158  
Woodston, Kansas 67675  
(913) 425-6763

ORIGINAL

February 13, 1997

CONFIDENTIAL

NOR-WEST KANSAS OIL, L.L.C.  
R&D Younkin # 1  
Approx: SW/NE/SW of Section 19-11S-33W  
Logan County, Kansas

15-109-20637-00-00

COMMENCED: 02-05-97.

PIPE RECORD: 8 5/8" @ 251'.

COMPLETED: 02-11-97.

LOG: Radiation Guard.

DRILLED BY: Murfin, Rig # 3.

DRILL STEM TESTS: None.

ELEVATION

3134:KB  
3129:GL

Log tops from KB:

ANHYDRITE	2600 Top	+534
	2627 Bottom	+507
HEEBNER SHALE	4028	-894
TORONTO	4052	-918
LANSING-KANSAS CITY	4068	-934
MUNCIE CREEK SHALE	4217	-1083
STARK SHALE	4306	-1172
FORT SCOTT	4560	-1426
CHEROKEE SHALE	4590	-1456
JOHNSON ZONE	4635	-1501
RTD	4700	-1566
LTD	4700	-1566

REC  
3-20  
MAR 20

CONFIDENTIAL

RELEASED

APR 6 1998  
4-6-1998

FROM CONFIDENTIAL

Gentlemen:

The above described well was under my supervision from a rotary depth of 3500' to a rotary total depth of 4700'. Ten foot samples washed and dried, were examined from 3500' to RTD. Based on low structural position, and absence of live oil shows, it was recommended that the R&D Younkin be plugged and abandoned as a dry hole.

Respectfully,

*Mark Torr*

Mark Torr

RECEIVED  
KANSAS CORP COMM  
1998 MAR 20 11:27  
3-20-1998

Significant zones:

15-109-20637-00-00

- 4144-4148 Offwhite fine crystalline limestone. Few fossils. No free oil, no odor, rare spotted stain. Tight, with little porosity.
- 4151-4154 Offwhite to tan limestone. Tight fine crystalline. Some medium crystalline, and few fossils. No free oil, very faint odor, rare stain.
- 4270-4278 White to offwhite limestone. Most fine crystalline, with few scattered fossils and oolites. Chalky in part. No free oil, no odor, and rare light stain.
- 4315-4322 Gray to tan limestone. Most chalky fine crystalline. Few scattered fossils. No free oil, no odor, rare stain.

No further significant zones.

1' drill time from 3800' to RTD:

- 3801-3900 22121-21121-13222-22222-22111-12222-12111-21121-11111-12212-22222-22212-11111-11111-21111-11111-11111-11111-11121-21111-
- 3901-4000 12111-11122-22111-11111-11111-11111-11111-11112-23212-21222-32322-32222-23211-22233-33323-32223-32221-11111-11111-11223-
- 4001-4100 33323-23211-11111-11111-11111-11112-11122-33232-22232-23232-32221-21112-12233-43323-21211-12222-11112-11121-21212-43232-
- 4101-4200 32322-22121-11122-22233-21111-22232-32322-22212-13332-22233-33222-34333-33331-23312-32222-33223-12221-11112-22222-22222-
- 4201-4300 21222-22434-32122-24222-33332-33434-34334-33421-33343-44444-43333-44444-44444-44443-33222-12224-43444-33444-54344-44443-
- 4301-4400 34444-32333-33333-32221-22234-44433-34434-33333-44432-23534-34444-43444-44333-34434-44333-33243-43333-43332-21111-21122-
- 4401-4500 21333-44333-43333-32333-43333-34333-43433-34333-33433-44444-44444-44343-34434-43443-43433-43434-33343-33433-45434-32334-
- 4501-4600 33444-33223-33344-44455-54554-54554-42444-34334-43443-34444-33354-33224-44434-44444-53455-55554-44544-44445-52325-34544-
- 4601-4700 32324-44443-54453-45534-34454-45455-54443-54445-45455-55465-54443-34422-33433-44235-34432-24353-54453-32322-22222-43124-

100  
3-20  
MAR 20

CONFIDENTIAL

RELEASED  
4-6-1998  
APR 6 1998

RECEIVED  
KANSAS CORP COMM  
1998 MAR 20 P 11: 27  
3-20-1998

FROM CONFIDENTIAL

# ALLIED CEMENTING CO., INC.

5131

J. BOX 31  
RUSSELL, KANSAS 67665

CONFIDENTIAL ORIGINAL

SERVICE POINT: Calley

DATE <u>2-5-97</u>	SEC. <u>19</u>	TWP. <u>11S</u>	RANGE <u>33W</u>	CALLED OUT	ON LOCATION <u>8:30</u>	JOB START <u>8:45</u>	JOB FINISH <u>9:15</u>
LEASE <u>Younkin</u>	WELL # <u>1</u>	LOCATION <u>Monument 11W-16S-6E</u>		COUNTY <u>Logan</u>	STATE <u>Kan</u>		

OLD OR NEW (Circle one)

CONTRACTOR <u>MurFin Drilling Co. #3</u>	OWNER <u>Swine</u>
TYPE OF JOB <u>Surface</u>	CEMENT
HOLE SIZE <u>12 1/4</u>	T.D. <u>251'</u>
CASING SIZE <u>8 7/8</u>	DEPTH <u>251</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG. <u>15'</u>	
PERFS.	

AMOUNT ORDERED <u>180 SKS 6 3/4 per,</u>	
<u>3% CC - 2% Gel</u>	
COMMON <u>108 SKS @ 7.20</u>	<u>777.60</u>
POZMIX <u>72 SKS @ 3.15</u>	<u>226.80</u>
GEL <u>3 SKS @ 9.50</u>	<u>28.50</u>
CHLORIDE <u>6 SKS @ 28.00</u>	<u>168.00</u>
HANDLING <u>180 SKS @ 1.05</u>	<u>189.00</u>
MILEAGE <u>4¢ per SK mile</u>	<u>80.00</u>
<b>TOTAL <u>1,469.90</u></b>	

EQUIPMENT

PUMP TRUCK CEMENTER <u>Walt</u>	
# <u>191</u> HELPER <u>Wayne</u>	
BULK TRUCK DRIVER <u>Louise</u>	
# <u>218</u> DRIVER	

MAR 20 3-20

COPY

REMARKS:

SERVICE

Cement Drill Core

DEPTH OF JOB <u>251'</u>	
PUMP TRUCK CHARGE	<u>445.00</u>
EXTRA FOOTAGE	@
MILEAGE <u>11 miles @ 2.85</u>	<u>31.35</u>
PLUG <u>8 7/8 Surface @</u>	<u>45.00</u>
<b>TOTAL <u>521.35</u></b>	

CHARGE TO: Nor-West Kan Oil  
 STREET P.R. #2 Box 14  
 CITY Wagoner STATE Kansas ZIP 67672

FLOAT EQUIPMENT

@	
@	
@	
@	
@	

COPY

To Allied Cementing Co., Inc.  
 You are hereby requested to rent cementing equipment and furnish cementer and helper 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 & understand the "TERMS AND CONDITIONS" listed on the reverse side.

SIGNATURE Louis VanBuren

TAX \_\_\_\_\_  
 TOTAL CHARGE \_\_\_\_\_  
 DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

RELEASED

APR 6 1998  
 4-6-1998  
 FROM CONFIDENTIAL

TOTAL 1998  
 3-20-1998  
 RECEIVED  
 KANSAS CORR COMM  
 11:27

# ALLIED CEMENTING CO., INC. 8377

CONFIDENTIAL

SERVICE POINT: CHICKLEY

TO P.O. BOX 31  
RUSSELL, KANSAS 67665

ORIGINAL

DATE <u>2-11-97</u>	SEC. <u>19</u>	TWP. <u>11S</u>	RANGE <u>33W</u>	CALLED OUT	ON LOCATION <u>6:30 PM</u>	JOB START <u>7:00 AM</u>	JOB FINISH <u>9:30 PM</u>
LEASE <u>R+D YOUNKIN</u>	WELL # <u>1</u>	LOCATION <u>MONUMENT 1W-1/2S-E1/4</u>			COUNTY <u>LOGAN</u>	STATE <u>KS</u>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)							

CONTRACTOR MURFIN DRILL RIG #3

TYPE OF JOB PTA

HOLE SIZE 7 7/8 T.D. 4700'

CASING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

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

DRILL PIPE 4 1/2 DEPTH 2625'

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

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

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

CEMENT LEFT IN CSG. \_\_\_\_\_

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

DISPLACEMENT \_\_\_\_\_

OWNER SAME

CEMENT AMOUNT ORDERED 190 SKS 60/40ps 2666L 1/4 Fl.

COMMON	<u>114 SKS</u>	@	<u>7.20</u>	<u>820.80</u>
POZMIX	<u>76 SKS</u>	@	<u>3.15</u>	<u>239.40</u>
GEL	<u>10 SKS</u>	@	<u>9.50</u>	<u>95.00</u>
CHLORIDE		@		
<u>Flu-Seal</u>	<u>48#</u>	@	<u>1.15</u>	<u>55.20</u>
		@		
		@		
		@		
HANDLING	<u>190 SKS</u>	@	<u>1.05</u>	<u>199.50</u>
MILEAGE	<u>4 ps SK mile</u>			<u>83.60</u>

TOTAL 1,493.50

EQUIPMENT

PUMP TRUCK CEMENTER TERRY

# 191 HELPER WAYNE

BULK TRUCK DRIVER DEAN

# 212

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

# \_\_\_\_\_

REMARKS:

25 SKS AT 2625'

100 SKS AT 1630'

40 SKS AT 300'

10 SKS AT 40'

15 SKS RAT HOLE

SERVICE

DEPTH OF JOB 2625'

PUMP TRUCK CHARGE 550.00

EXTRA FOOTAGE @ \_\_\_\_\_

MILEAGE 11 mile @ 2.85 31.35

PLUG 8 5/8 DRY HOLE @ 23.00

TOTAL 604.35

CHARGE TO: NOR-WEST KAN OIL INC.

STREET R.R. #2 Box 14

CITY Webb City STATE Kansas ZIP 67672

FLOAT EQUIPMENT

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

RECEIVED  
KANSAS CORRUGATED CEMENT  
20-1998  
1998 MAR 20 11:27

To Allied Cementing Co., Inc.  
You are hereby requested to rent cementing equipment and furnish cementer and helper 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 & understand the "TERMS AND CONDITIONS" listed on the reverse side.

SIGNATURE Charli Van Fleet

TAX \_\_\_\_\_

TOTAL CHARGE \_\_\_\_\_

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

RELEASED  
APR 6 1998  
4-6-1998  
FROM CONFIDENTIAL

PRINTED NAME