15-109-20637-00-00

SIDE ONE

ORIGINAL

STATE CORPORATION COMMISSION OF KANSAS OIL & GAS CONSERVATION DIVISION WELL COMPLETION FORM ACO-1 WELL HISTORY DESCRIPTION OF WELL AND LEASE

Operator: License #31900
Name: Nor-West Kansas Oil, LLC
Address R.R. #2, Box 14
City/State/Zip Wakeeney, KS 67672
Purchaser:
Operator Contact Person: Patrick Wanker
Phone (913) 743-2769
Contractor: Name: Murfin Drilling Company, Inc.
License:30606
Wellsite Geologist: Mark Torr
Designate Type of completion _x_ New Well Re-Entry Workover
Oil SWD SIOW Temp. Abd. Gas ENHR SIGW Dry Other (Core, WSW, Expl., Cathodic etc)
If Workover/Re-Entry: old well info as follows:
Operator:
Well Name:
Comp. Date Old Total Depth
Deepening Re-perf Conv. to Inj/SWD PBTD Commingled
02/05/97 02/11/97 02/11/97 Spud Date Reached TD Completion Date

API NO. 15- 109-206370000
County Logan
<u>SW - NE - SW -</u> Sec. <u>19</u> Twp. <u>11S</u> Rge. <u>33</u> x W
1700 Feet from S'N (circle one) Line of Section
1600 Feet from EW (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner: NE, SE, NW or (circle one)
Lease Name R & D Younkin Well # 1
Field Name <u>Wildcat</u>
Producing Formation None
Elevation: Ground 3080 KB 5
Total Depth 4700 PBTD
Amount of Surface Pipe Set and Cemented at Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set Feet
If Alternate II completion, cement circulated from
feet depth tow/sx cmt.
Drilling Fluid Management Plan DAA JX 12-29-97 (Data must be collected from the Reserve Pit)
Chloride content 8,000 ppm Fluid volume 3000 bbls
Dewatering method used
Location of fluid disposal if hauled offsite:
Operator Name 1998
Lease Naupa 6 1998 License No.
Quarter Sec. Twp. S Rng. == EAW
CEROM CONFIDENTIA. N. F

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on side 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 geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. 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.

Signatu	re Val-1	Wen	Sy			
Title	Operator		_ Date	March	19,	1997
19 <u>9</u> 7	bed and sworn to befor Public <u>Mang</u>	. 10		rch		
	ommission Expires	9/9/20	000	-		_

7	
7	K.C.C. OFFICE USE ONLY F Letter of Confidentiality Attached C Wireline Log Received C Geologist Report Received Distribution KCC SWD/Rep NGPA KGS Plug Other (Specify)

SIDE TWO

Operator name _	Nor-West Kan	sas Oil, LLC		Lease N	lame <u>R & D Yo</u>	ounkin W	ell # <u>1</u>	
		□ East		County	Logan			
Sec. <u>19</u> Twp. <u>11S</u> Rge. <u>33</u>		⊠ West						19 ¢.
interval tested ti	me tool open a ures, bottom h	nd closed, flowingle temperature, i	g and shut-in	pressures, wh	Detail all cores. ether shut-in preses if gas to surface	sure reached s	static level.	
Drill Stem Tests (Attach Addition		□ Yes	☑ No		Log Formatio	on (Top), Dept	th and Datums	_ □ Sample
Samples Sent to Geol	ogical Survey	\square_{Yes}	□ No	Ar	ame hydrite	Top 2600 Top 2627 Btr		
Cores Taken		☐ Yes	\square_{N_0}	Не	ebner Shale		n +307 -894	
Electric Log Rur (Submit Copy.))	Yes	\square_{No}	To La	ronto nsing-KC	4052 4068	-918 -934	
List All E.Logs I	Run:			Mι	ıncie Creek	Shale 4217	-1083	
Ra	diation -	guard		Fo Ch	ark shale ort Scott erokee Shal	4306 4560 e 4590	-1172 -1426 -1456	
	Rep	CA ort all strings se	SING RECO	ORD New	hnson Zone Used mediate, produc	HOH, ELC.	-1501 RTD 4700	-1566
Purpose of String	Size,Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs./Ft.	Setting Depth	Type of Cement	# Sacks Used	TD 4700 Type and Perc Additives	1.566 ent
Surface	121/4"	85/8"	20#	251'	60/40 Poz, 3% CC,2% gel	180		
.,								
	,	ADDIŢIO	NAL CEMEN	NTING/SQUE	EZE RECORD	<u> </u>	<u> </u>	
Purpose: _Perforate _Protect Csg	Depth Top/Btm	Type of Cement	# Sacks .Used	ks			/es	
_Plug Back TD _Plug Off Zone		F. 7						
Shots Per FOOT PERFORATION RECORD - Bridge Plugs Set/Type Specify Foot of Each Interval Perforated			pe Specify Footage	Ac (Amount	d, Fracture, Shot, and Kind of Mate	Cement Sque erial Used)	eeze Record Depth	
TUBING REC	ORD Size	Set At Pack	er At	Liner Run	Yes	No	·	
Date of First, R Inj.	esumed Produ	ction, SWD or	Producing N Flowing	/lethod Pumping	_Gas Lift _O	ther		
Estimated Prod 24 Hours	uction Per	Oil MBbls	Gas 📈	Mcf	Water Bbls	. Gas-Oil	Ratio Gravity	
Disposition of G	as:	METH	OD OF COM	IPLETION	,	Production 1	Interval	
	Sold Usealbmit ACO-18.	d on Lease [□ Open Hole	□ Perf. □	l Dually Comp.	□ Comming	led	
(·, b-		ĺ	☐ Other (Spec	ify)				

MARK TORR

1/5-/09-20637-00-00 Independent Petroleum Geologist P.O. Box 158
Woodston, Kansas 67675

ORIGINAL

February 13, 1997

(913) 425-6763

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:

3-20 MAR?

		MAH CO	
ANHYDRITE	2600 Top 2627 Bot	PARTITIAL	+534 +507
HEEBNER SHALE	4028		-894
TORONTO	4052		-918
LANSING-KANSAS CITY	4068		- 934
MUNCIE CREEK SHALE	4217		-1083
STARK SHALE	4306	RELEASED	-1172
FORT SCOTT	4560	APR 6 1998	-1426
CHEROKEE SHALE	4590	4-6-1998	-1456
JOHNSON ZONE	4635	FROM CONFIDENCIA	-1501
RTD	4700		-1566
LTD	4700		-1566

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

15-109-20637-00-00

NOR-WEST KANSAS OIL, L.L.C. R&D Younkin # 1

CONFIDENTIAL

ORIGINAL

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:

- 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-
- 4301-4400 34444-32333-33333-32221-22234-44433-34434-33333-44432-23534-34444-43444-44333-34434-44333-33243-43333-43332-21111-21122-
- 4401-4500 21333-44333-43333-32333-43333-34333-43433-34333-3433-344444-44343-34434-43443-43433-43434-33343-33433-45434-32334-
- 4501-4600 33444-33223-33344-44455-54554-54554-42444-34334-43443-34444-33354-33224-44434-44444-53455-55554-44544-44445-52325-34544-
- 4601-4700 32324-44443-54453-45534-34454-45455-54443-54445-45455-55465-54443-34422-33433-44235-34432-24353-54453-32322-22222-43124-2353-54453-32322-22222-43124-2353-54453-32322-22222-43124-2353-54453-32322-22222-43124-2353-34432-24353-34453-32322-22222-43124-2353-34432-24353-34453-34453-344235-34453-34454-3455-34453-34455-34455-34455-34455-34455-34455-34455-34455-34455-34455-34455-34455-34455-34455-34455-34455-

RELEASED 4-6-1998 APR 61998 AS CORP CORM 3-20 -11: 27 3-20-1998

LLIED SEMENTING CO., INC. 5131

J. BOX 31 RUSSELL, KANSAS 67665	TIAL ORIGIN	SER'	VICE POINT:	Klex			
E2-5-97 SEC. TWP. RANGE 33	CALLED OUT	ON LOCATION S'30	JOB START 17A				
4DV: 1		<i>S;3C</i>	COUNTY	STATE			
LEASE COUNTY WELL# LOCATION ///	runnerat /11-1	135-35	Logan	Kan			
OLD OK NEW (Circle one)			•				
CONTRACTOR Mer Fin Dok C. #3	OWNER		Scione.				
TYPE OF JOB SurFace	- GWINDA		CEMENT				
HOLE SIZE 12 ly T.D. 2.5/			600				
CASING SIZE 8 1/8 DEPTH 25/	AMOUNT OF	RDERED 150) 5K5 6/40 1	por,			
TUBING SIZE DEPTH DRILL PIPE DEPTH		c-2% Ge					
TOOL DEPTH							
PRES. MAX MINIMUM	COMMON	108 3KS	_@7 <u>20</u>	777 60			
MEAS. LINE SHOE JOINT	POZMIX	72 SKS	_@_ <u>3<i>!\$</i></u>	22650			
CEMENT LEFT IN CSG. /.5	GEL	3 SKS	_@ <u>95</u> 2	2850			
PERFS.	CHLORIDE _	6 SK3	_@ <u>28***</u> 	168 00			
EQUIPMENT							
EQUIPMENT	200			<u></u>			
PUMP TRUCK CEMENTER L.Jaff	Altra and		@				
# 19/ HELPER Wayne CO		1	_@	189-00			
BULK IKUCK	HANDLING	180 95 4¢ pm 5	_@ [03	80 00			
#)/8 DRIVER Longic		· · · · · · · · · · · · · · · · · · ·	KIMU.D				
BULK TRUCK # DRIVER			TOTAL	1,46990			
REMARKS:		SERVICE					
	DEPTH OF JO		25/	Mar CC			
Coment Did Circ	PUMP TRUC EXTRA FOO		@	445 00			
	MILEAGE	11 1/05	@ <u>285</u>	3135			
		8 Surface.	_@	4500			
			@				
Mul 40-			@				
CHARGE TO: Nor-West Ran Cil			TOTAL	521 35			
CHARGE IO: HOLDS CAM CIT							
STREET P. P. + 2 Box 14		FLOAT EQUIPMENT					
CITY STATE COMPANY ZIP 676	.72						
·)			@				
			@ @				
W TO THE STATE OF	1790 -		@				
			TOTAL 以 還	A			
	TAX		_ 8	SAR			
To Allied Cementing Co., Inc.	momat cutt		R 2 199	ECI			
You are hereby requested to rent cementing equipme	nt TOTAL CHA	KUE	~~~~~	8 			
and furnish cementer and helper to assist owner or	DISCOUNT -			DIN DAYS			
contractor to do work as is listed. The above work w		`.	- 6	00 0 0			
done to satisfaction and supervision of owner agent of contractor. I have read & understand the "TERMS A		ELEASED	27	<u> </u>			
CONDITIONS" listed on the reverse side. SIGNATURE	AP 4	1-6-1998					
- MAN WAY W	FROM	CONFIDENCE	<i>t</i>				

ALLIED CEMENTING CO .. TO P.O. BOX 31 RUSSELL, KANSAS 67665 JOB FINISH ON LOCATION 63のド州 CALLED OUT JOB START TWP. RANGE DATE, 2.11-97 SEC. 1:00/ 33W COUNTY STATE R+D YOUNKIN LOCATION MONUMENT OLD OR NEW (Circle one) **OWNER** SAME CONTRACTOR TYPE OF JOB **CEMENT** T.D. AMOUNT ORDERED 1905Ks 60/40po268621476 **HOLE SIZE DEPTH CASING SIZE DEPTH TUBING SIZE** DRILL PIPE **DEPTH DEPTH** COMMON <u>MINIMUM</u> PRES. MAX 76 POZMIX SKS MEAS. LINE GEL CEMENT LEFT IN CSG 10 **CHLORIDE** 48# Flo-Seal DISPLACEMENT @ **EQUIPMENT** @ CEMENTER_ **PUMP TRUCK HELPER** HANDLING **BULK TRUCK** 4¢ pro sklaile MILEAGE_ 212 DRIVER **BULK TRUCK** TOTAL 1,493 DRIVER **SERVICE** REMARKS: 25 SKS DEPTH OF JOB 2625 630 550 € PUMP TRUCK CHARGE 47 **EXTRA FOOTAGE** 14 **MILEAGE** KAT @ @ TOTAL 604 35 CHARGE TO: NOR-WEST KAN OIL INC. FLOAT EQUIPMENT **@** @ @ 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 TAX contractor. I have read & understand the "TERMS AND TOTAL CHARGE -CONDITIONS" listed on the reverse side. IF PAID IN 30 DAYS **DISCOUNT** -PRINTED NAME

TOOL

PERFS.

191

100 5KS

1/0 SX5

SKS

RELEASED

6 1998 4-6-1998 FROM CONFIDENCE