

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

CONFIDENTIAL

API NO. 15- 055-21187-0000

County Finney

C S/2 - NE - NE Sec. 22 Twp. 22 Rge. 34 X W

990 Feet from S/W (circle one) Line of Section

660 Feet from E/W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)

Lease Name Nellans Well # 1

Field Name Wildcat Ameyers Ditch East

Producing Formation Morrow Sand

Elevation: Ground 2932 KB 2940

Total Depth 4850 RTD PBTD 4825

Amount of Surface Pipe Set and Cemented at 1944 Feet

Multiple Stage Cementing Collar Used? X Yes No

If yes, show depth set D.V. Tool at 3339 Feet

If Alternate II completion, cement circulated from

feet depth to w/ ex cat

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)

Chloride content 2000 ppm Fluid volume 3000 bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite:

Operator Name

Lease Name License No.

 Quarter Sec. Twp. S Rng. E/W

County Docket No.

Operator: License # 8996

Name: Mid-Continent Resources

Address P.O. Box 399

City/State/Zip Garden City, Ks. 67846

Purchaser: Texaco

Operator Contact Person: Michael J. Wreath

Phone (316) 275-2963

Contractor: Name: Emphasis Drilling Co.

License: 8241

Wellsite Geologist: Michael J. Wreath

Designate Type of Completion
X New Well Re-Entry Workover

X Oil SWD SLOW 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

 Plug Back PBTB

 Cemented Docket No.

 Dual Completion Docket No.

 Other (SWD or Inj?) Docket No.

April 12, 93 April 23, 93 May 21, 93

Spud Date Date Reached TD Completion Date

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.

RECEIVED

STATE CORPORATION COMMISSION

8-25-93

Signature Michael J. Wreath
Title Company Geologist Date June 02, 93

Subscribed and sworn to before me this 2 day of June, 19 93.

Notary Public Donnita L Thode

AUG 25 1993
STATE CORPORATION COMMISSION
WICHITA, KANSAS
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution
 KCC SWD/Rep NEPA
 KGS Plug Other
(Specify)

NOTARY PUBLIC
DONNITA L. THODE
Finney County
STATE OF KANSAS
My Appt. Exp. 11/9/94

SIDE TWO

Operator Name Mid-Continent Resources Lease Name Nellans Well # 1
 Sec. 22 Twp. 22 Rge. 34 East County Finney
 West

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 (Attach Additional Sheets.)
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No
 Electric Log Run Yes No (Submit Copy.)

Log Formation (Top), Depth and Datum Sample Name Top Datum

ATTACHED

List All E.Logs Run: DUAL INDUCTION, COMPENSATED DENSITY, COMPENSATED NEUTRON, GAMMA RAY, CALIPER, SPONTANEOUS POTENTIAL, FORMATION EVALUATION LOG, CEMENT BOND LOG, COLLAR LOCATER LOG

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"	new 8 5/8"	23	1944	lite common	750 150	1/2 lb. floeal. 3% cc. 2% Gel
Production	7 7/8"	used 5 1/2"	15 1/2	4849	1-TA2	175	

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input checked="" type="checkbox"/> Perforate <input checked="" type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	DV 3339	lite 60/40 Poz	125 200	-----

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	Depth
3	4756 - 4763	Acidize w/ 250 gal. acetic	4756-4763
		500 gal MOD 101; 500 gal H.F.I.	
		500 gal 10% MCA, 2500 gal 10% FE	

TUBING RECORD Size 2 3/8" Set At 4821' Packer At NONE Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. May 29, 1993 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	22	TSTM	0	-	28

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 4756' - 4763'

CONFIDENTIAL

FORMATION TOPS (LOG)
NELLANS NO.1

ANHYDRITE	1945	+ 995
HERINGTON	2519	+ 421
KRIDER	2546	+ 394
WINFIELD	2595	+ 345
TOWANDA	2654	+ 286
FT. RILEY	2716	+ 224
HOWARD	3478	- 538
TOPEKA	3521	- 581
HEEBNER	3816	- 876
TORONTO	3832	- 892
LANSING	3868	- 928
MARMATON	4363	-1423
MARMATON 'B'	4388	-1448
PAWNEE	4470	-1530
FORT SCOTT	4496	-1556
CHEROKEE	4507	-1567
MORROW SHALE	4714	-1774
MORROW SAND	4756	-1816
MISSISSIPPIAN	4798	-1858
TOTAL DEPTH	4853	-1913

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AUG 25 1993

CONSERVATION DIVISION
Wichita, Kansas

15-055.21187-0000

MID-CONTINENT RESOURCES
NELLANS NO.1
C NE NE
SECTION 22-22-34W
FINNEY COUNTY, KANSAS

CONFIDENTIAL

DRILL STEM TEST NO.1 4458 - 4510

TIMES: 30" - 30" - 15" - 30"

BLOW: IF: DEAD IN 2"
FF: NONE, FLUSH TOOL, DEAD IN 8"

RECOVERY: 60' OIL SPOTTED MUD
SIP: 951 - 932 LBS.
IFP: 34 - 34 LBS.
FFP: 56 - 56 LBS.
HH: 2265 - 2176 LBS.
BHT: 113

DRILL STEM TEST NO.2 4711 - 4763

TIMES: 45" - 60" - 45" - 60"

BLOW: IF: 1/2" BUILT TO 8"
FF: SURFACE BUILT TO BOTTOM OF BUCKET IN 25"

RECOVERY: 30' OIL CUT MUD, 300' GASSY OIL CUT MUD, NO WATER
SIP: 1182 - 1146 LBS.
IFP: 80 - 131 LBS.
FFP: 163 - 168 LBS.
HH: 2399 - 2317 LBS.
BHT: 116

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