

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

Operator: License # 5420 & 3007  
Name: White & Ellis Drilling, Inc. and MAKO Exploration  
Address P. O. Box 48848  
City/State/Zip Wichita, KS 67201-8848

Purchaser: N/A  
Operator Contact Person: Michael L. Considine  
Phone (316) 263-1102

Contractor: Name: White & Ellis Drlg., Inc.  
License: 5420  
Wellsite Geologist: Joe Baker

Designate Type of Completion  
 New Well  Re-Entry  Workover  
 Oil  SWD  Temp. Abd.  
 Gas  Inj  Delayed Comp.  
 Dry  Other (Core, Water Supply, etc.)

If **OWMO**: old well info as follows:  
Operator: \_\_\_\_\_  
Well Name: \_\_\_\_\_  
Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

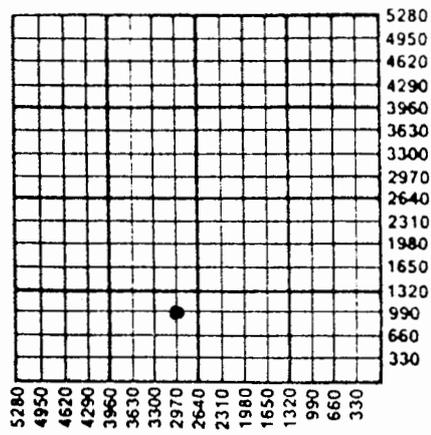
Drilling Method:  
 Mud Rotary  Air Rotary  Cable  
8-22-91 8-28-91 9-9-91  
Spud Date Date Reached TD Completion Date

API NO. 15- 109-20,516  
County Logan  
NE SE SW Sec. 4 Twp. 11S Rge. 33  East West

990' Ft. North from Southeast Corner of Section  
2970' Ft. West from Southeast Corner of Section  
(NOTE: Locate well in section plat below.)

Lease Name Nollette Well # 2-A  
Field Name Unnamed

Producing Formation N/A  
Elevation: Ground 3136' KB 3141'  
Total Depth 4670' PBTD 4500'



5280  
4950  
4620  
4290  
3960  
3630  
3300  
2970  
2640  
2310  
1980  
1650  
1320  
990  
660  
330  
9-19-91

Amount of Surface Pipe Set and Cemented at 379 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set 2612' Feet  
If Alternate II completion, cement circulated from 2612'  
feet depth to surface w/ 575 sx cmt.

**INSTRUCTIONS:** This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 drillers time log 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. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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.

Signature Michael L. Considine  
Title Sec.-Treas. Date 9-17-91

Subscribed and sworn to before me this 17th day of September, 19 91.

Notary Public Carolyn J. Tjaden  
Date Commission Expires \_\_\_\_\_

CAROLYN J. TJADEN  
NOTARY PUBLIC  
STATE OF KANSAS  
My Appt. Exp. Sept. 5, 1992

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

Operator Name White & Ellis Drilling, Inc Lease Name Nollette Well # 2-A

Sec. 4 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  Yes  No  
 (Attach Additional Sheets.)

Samples Sent to Geological Survey  Yes  No

Cores Taken  Yes  No

Electric Log Run  Yes  No  
 (Submit Copy.)

DST #1: 4286'-4318', 45-45-60-60,  
 Rec. 5' CO, 5' MO (95% oil) and 60  
 WCM (15% water), 22,000 chlorides,  
 IFP 40#-50#, FFP 50#-60#, ISIP  
 477#, FSIP 426#

Formation Description		
	<input checked="" type="checkbox"/> Log	<input type="checkbox"/> Sample
Name	Top	Bottom
Anhydrite	2620	+ 521
B/Anhydrite	2648	+ 493
Heebner	3945	- 904
Lansing	4085	- 944
Muncie Creek	4229	-1088
"J" Zone	4298	-1157
Stark	4316	-1175
BKC	4375	-1234
Marmaton	4403	-1262
Cherokee	4596	-1455
Johnson	4641	-1500

**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"	8 5/8"	23#	379'	Common	225	60/40 poz
Production	7 7/8"	5 1/2"	14#	4500'	Common "A"	135	Surefill

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
3 SPF	4298' - 4304'	500 gal 15% MCA	
	Non-commercial - will convert	to Cedar Hills disposal	well

**TUBING RECORD** Size \_\_\_\_\_ Set At \_\_\_\_\_ Packer At \_\_\_\_\_ Liner Run  Yes  No

Date of First Production \_\_\_\_\_ Producing Method  Flowing  Pumping  Gas Lift  Other (Explain) \_\_\_\_\_

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

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

**METHOD OF COMPLETION**

Open Hole  Perforation  Dually Completed  Commingled

Other (Specify) \_\_\_\_\_

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

4-11-33W



# WHITE

AND ELLIS DRILLING, Inc.

SEP 19 1991

DRILLERS LOG

OPERATOR: White & Ellis Drilling, Inc., P. O. Box 48848,  
Wichita, KS 67201-8848  
CONTRACTOR: White & Ellis Drilling, Inc., P. O. Box 48848,  
Wichita, Kansas 67201-8848

Lease Name Nollette Well No. 2-A  
Sec. 4 T. 11S R. 33W Spot NE SE SW  
County Logan State Kansas Elev. \_\_\_\_\_

**Casing Record:**

Surface: 8 5/8" @ 386' with 220 **SX.**  
Production: 5 1/2" @ 4500' with 135 **SX.**

Type Well: Oil Well Total Depth 4670'

Drilling Commenced 8-22-91 Drilling Completed 8-28-91

Formation	From	To	Tops
Cellar	0	5	Anhydrite 2623
Shale	5	1185	Kansas City 4195
Shale w/ Sand Streaks	1185	1950	Ft. Scott-
Shale & Lime	1950	2750	Cherokee-
Shales	2750	3075	Johnson 4580
Lime & Shales	3075	4670	