

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

Operator: License # 9067  
Name DaMar Resources, Inc.  
Address P.O. Box 70  
City/State/Zip Hays, Ks. 67601

Purchaser Derby Refining  
Wichita, KS

Operator Contact Person Daniel F. Schippers  
Phone 913-625-0020

Contractor: License # 4087  
Name Williamson Drilling, Inc.

Wellsite Geologist Curt Longpine  
Phone 913-625-0020

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

If OWWO: old well info as follows:  
Operator  
Well Name  
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:  
 Mud Rotary  Air Rotary  Cable

3-27-86 4-2-86 4-2-86  
Spud Date Date Reached TD Completion Date

3675 3519'  
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 260 feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set 243 feet  
If alternate 2 completion, cement circulated from 243 feet depth to surface w/ 400 SX cmt  
Cement Company Name Allied Cementing  
Invoice # 46384

API NO. 15-.051-24,407-99-60

County Ellis

R/2. E/2. SE. Sec. 21. Twp. 14. Rge. 18. East  
X West

1320 Ft North from Southeast Corner of Section  
330 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

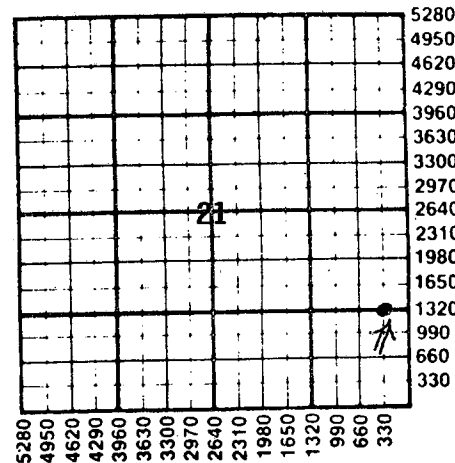
Lease Name Randa Well # 1

Field Name Leonhardt East

Producing Formation Lansing/Kansas City

Elevation: Ground 2015 KB 2020

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal  
Docket # Repressuring

Questions on this portion of the ACO-1 call:

Water Resources Board (913) 296-3717

Source of Water:  
Division of Water Resources Permit #

Groundwater Ft North from Southeast Corner  
(Well) Ft West from Southeast Corner of  
Sec Twp Rge East West

Surface Water Ft North from Southeast Corner  
(Stream, pond etc) Ft West from Southeast Corner  
Sec Twp Rge East West

Other (explain) Hays Water Treatment Plant  
E. 10th, Hays, Ks (purchased from city, R.W.D. #)  
67601

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 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 drillers time log shall be attached with this form. 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.

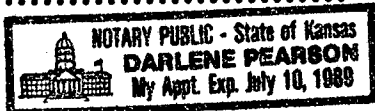
Signature Daniel F. Schippers

Title President Date 7-2-86

Subscribed and sworn to before me this 2nd day of July 1986

Notary Public Darlene Pearson

Date Commission Expires 7-10-89



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)

Form ACO-1 (7-57)  
STATE CORPORATION COMMISSION

07-07-86  
JUL 7 1986

SIDE TWO

Operator Name Damar Resources, Inc. Lease Name Randa Well # 1

E/2 E/2 SE/4

Sec. 21 Twp. 14 Rge. 18  East  West County Ellis

WELL LOG

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  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No

DST #1 - 3319 - 3365 (B, C-D)  
 45-60-45-60  
 ISIP - 476 FSIP - 466  
 IFP - 105-148 FFP - 180-201  
 Recovery: 682' GIP, 93' HOCM and 352' FMO

DST #2 - 3488 - 3515 (K)  
 30-45-30-45  
 ISIP - 769 FSIP - 748  
 IFP - 95-212 FFP - 254-296  
 Recovery: 558' SGC SW

DST #3 - 3591 - 3635 (Arbuckle)  
 45-60-45-60  
 ISIP - 105 FSIP - 95  
 IFP - 63-63 FFP - 63-74  
 Recovery: 15' mud w/oil spots

Formation Description  
 Log  Sample

Name	Top	Bottom
Topeka	2989	(- 969)
Heebner	3263	(-1243)
Toronto	3282	(-1262)
Lansing-K.C.	3308	(-1288)
Base Lansing-K.C.	3541	(-1521)
Arbuckle	3623	(-1603)
R.T.D.	3675	(-1655)
L.T.D.	3671	(-1651)

DST #4 - 3364 - 3384 (Straddle 'F')  
 30-45-60-45  
 ISIP - N/A FSIP - 31  
 IFP - 42-42 FIP - 42-42  
 Recovery: 15' mud

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	20#	260	50/50 Poz	150	2% Gel, 3% CC
Production	7 7/8	4 1/2	10 5/8	3563	EA-2	125	18% Salt, 5% Seal

PERFORATION RECORD  
 Shots Per Foot Specify Footage of Each Interval Perforated  
 See Attached Completion Report

Acid, Fracture, Shot, Cement Squeeze Record  
 (Amount and Kind of Material Used) Depth

TUBING RECORD  
 Size 2 3/8" Set At 3517' Packer at N/A  
 Liner Run  Yes  No

Date of First Production 5/28/86  
 Producing Method  Flowing  Pumping  Gas Lift  Other (explain).....

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil-Ratio	Gravity
87 Bbls		--- MCF	41.75 Bbls	CFPB	35.4°

METHOD OF COMPLETION

Production Interval

Disposition of gas:  Vented  Open Hole  Perforation  
 Sold  Other (Specify) .....  
 Used on Lease  Dually Completed  
 Commingled

DaMar Resources, Inc.  
 Randa # 1  
 E/2-E/2-SE  
 21-14S-18W  
 Ellis Co., Kansas

Completion Report

5/1/86 Ran Correlation Log and Cement Bond Log. P.B.T.D. 3519'.

5/14/86 Moved in Express double drum. Swabbed hole dry. Perforated from 3457-60' (I-zone, 4/ft.). No fluid natural. Treated zone with 1200 gallons of acid (15% N.E.). Maximum pressure 500#. Treated at 5 BPM 350#. I.S.I.P. 50#. Bled back 2½ barrels after 5 minute shut in. 100 barrel load.

Swab down - 73 BBL Last pull 90% oil

5/15/86 1850' of fluid in hole (1350' oil & 500' water).

Swab down - 34.1 BBL

30 min. - 2.9 BBL 80% oil

30 min. - 2.6 BBL 76% oil

30 min. - 2.0 BBL 75% oil

30 min. - 2.0 BBL 75% oil

Perforated from 3334-37' (B-zone, 4/ft.). Set Retrievable plug at 3375'.

No fluid natural. Treated zone with 1200 gallons of acid (15% N.E.). Maximum pressure 400#. Treated at 6 BPM 200#. I.S.I.P. 150#. 0# in 5 minutes.

98 barrel load.

Swab down - 65.0 BBL

30 min. - 5.2 BBL 100% oil

30 min. - 5.2 BBL 100% oil

30 min. - 5.2 BBL 100% oil

30 min. - 4.6 BBL 100% oil

30 min. - 4.6 BBL 100% oil

RECEIVED  
 STATE CORPORATION COMMISSION

JUL - 7 1986

CONSERVATION DIVISION  
 Wichita, Kansas

# WILLIAMSON DRILLING, INC.

5501 NAVAJO

GREAT BEND, KANSAS 67530

(316) 793-8229

## DRILLERS' WELL LOG

DATE COMMENCED: March 27, 1986  
DATE COMPLETED: April 2, 1986

DaMar Resources, Inc.  
Randa #1  
E/2 E/2 SE/4  
Sec. 21, T14S, R18W  
Ellis County, Ks.

Elevation: 2015 G.L.  
2020 K.B.

Surface Casing: Ran 6 Jts. Used 28# 8 5/8" casing. Set @ 260'. Cemented w/150 sks. 50/50 Poz, 2% Gel, 3% CC.

PRODUCTION CASING: Ran 87 Jts. Used 10# 4 1/2" casing. Set @ 3563'. Cemented w/125 sks. EA-2 Cement, 18% Salt, 5% Cal-Seal.

- 0 - 930' Surface Soil, Post Rock, Shale, Sand and Clay
- 930 - 1230' Redbed
- 1230 - 1269' Anhydrite
- 1269 - 2880' Shale w/Lime & Shale Stringers
- 2880 - 3280' Lime w/Shale Stringers
- 3280 - 3285' Shale
- 3285 - 3568' Lime w/Shale Stringers
- 3568 - 3600' Shale & Lime
- 3600 - 3675' Dolomite & Shale
- 3675' R.T.D.

## A F F I D A V I T

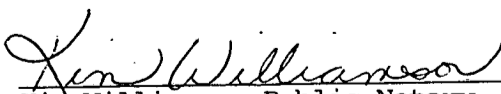
STATE OF KANSAS  
COUNTY OF BARTON ss.

Terry L. Williamson of lawful age, does swear and state that the facts and statements herein are true and correct to the best of his knowledge.

  
Terry L. Williamson

Subscribed and Sworn to before me this 14th day of April, 1986.

My Commission Expires:  
12-20-86

  
Kim Williamson-Public Notary

RECEIVED  
STATE CORPORATION COMMISSION

JUL - 7 1986

CONSERVATION DIVISION  
Wichita, Kansas

