

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  
Hays, KS 67601  
City/State/Zip

Purchaser: Cities Service Oil & Gas Corp.  
Tulsa, Oklahoma

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

Contractor: License # 5135  
Name John O. Farmer, Inc.

Wellsite Geologist Jerry Green  
Phone (913) 625-5155

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

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

WELL HISTORY

Drilling Method:  
 Mud Rotary  Air Rotary  Cable  
3-26-85 4-1-85 4-1-85  
Spud Date Date Reached TD Completion Date  
3450' 3434  
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 258 feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set 1490 feet  
If alternate 2 completion, cement circulated from 1490 feet depth to surface 325 SX cmt

API NO. 15-147-20,474-00-00  
County Phillips  
SW SE NW Sec. 36 Twp. 4S Rge. 20  East  West

2970 Ft North from Southeast Corner of Section  
3630 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

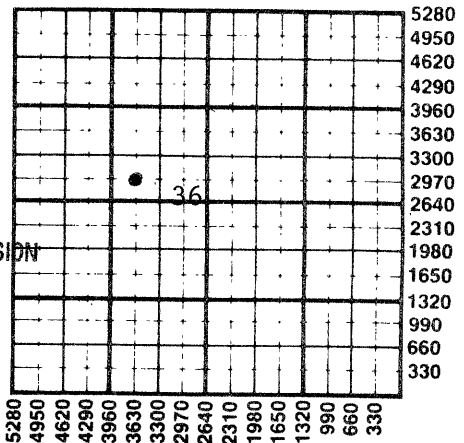
Lease Name Donahey Well # 1

Field Name Slinker

Producing Formation Lansing

Elevation: Ground 1926' KB 1931'

Section Plat



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WATER SUPPLY INFORMATION

Disposition of Produced Water:  Disposal  Repressuring  
Docket # CD-28317 (C-21-754)

Questions on this portion of the ACO-1 call:

Water Resources Board (913) 296-3717  
Source of Water:  
Division of Water Resources Permit # T-85-325  
 Groundwater 2970 Ft North from Southeast Corner (Well) 3730 Ft West from Southeast Corner of Sec 36 Twp 4 Rge 20  East  West  
 Surface Water Ft North from Southeast Corner (Stream, pond etc) Ft West from Southeast Corner Sec Twp Rge  East  West  
 Other (explain) (purchased from city, R.W.D. #)

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.

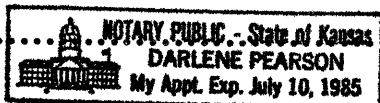
Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form. See rule 82-3-107 for confidentiality in excess of 12 months. One copy of all wireline logs and drillers time log shall be attached with this form. Submit CP-4 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 [Signature] President Date 4-30-85

Subscribed and sworn to before me this 30th day of April 1985  
Notary Public Darlene Pearson

Date Commission Expires



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)

Sec 36 Twp 4 Rge 20 W

**SIDE TWO**

Operator Name DaMar Resources, Inc. Lease Name Donahy Well # 1

Sec. 36 Twp. 4S Rge. 20  East  West County Phillips

**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

**Formation Description**  
 Log  Sample

Name	Top	Bottom
Sand & Shale	0	262
Shale & Sand	262	1010
Sand	1010	1190
Red Bed	1190	1462
Anhydrite	1462	1490
Shale & Shells	1490	1590
Shale	1590	2715
Shale & Lime	2715	3099
Lime	3099	3450

Name Top Bottom

See Attached Geologic Report for Formation Descriptions  
and Drill Stem Test Information

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> 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	258'	Common	180	2% gel. 3% C.C.
Production	7-7/8"	5-1/2"	14	3449'	EA2	125	5% cal. 18% salt
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			Amount and Kind of Material Used			Depth
See Attached Completion Report							
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
Size 2 7/8"		Set At 3349		Packer at N/A			
Date of First Production Scheduled May 3, 1985		Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....					
Estimated Production Per 24 Hours		Oil 75 Bbls	Gas -- MCF	Water 30 Bbls	Gas-Oil Ratio CFPB	Gravity 35°	

**METHOD OF COMPLETION**

Production Interval

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

J. R. GREEN  
JERRY GREEN

**GREEN & GREEN**  
CONSULTING PETROLEUM GEOLOGISTS

AREA CODE 913  
625-9023 OR 625-5155

R. R. 1 STONEWOOD ESTATE  
LOT 8 HAYS, KANSAS 67601

April 2, 1985

GEOLOGIC REPORT

DaMar Resources, Inc. Donahey #1  
SW-SE-NW 36-4S-20W  
Phillips County, Kansas  
Commenced: 3/26/85  
Completed: 4/1/85

Pipe Record:  
8 5/8 at 258 W/180 sks  
5 1/2 at 3452 W/125 sks  
Anhydrite: 1458-84  
Drilled by: J.O. Farmer

ELEVATION 1931 K.B.  
1926 G.L. 1929 D.F.

FORMATION DATA  
(Corrected to R.A. Guard Log)

<u>FORMATION</u>	<u>MINUS DATA</u>	<u>DEPTH</u>
TOPEKA . . . . .	- 929 . . . . .	2860
HEERNER . . . . .	-1126 . . . . .	3057
TORONTO . . . . .	-1151 . . . . .	3082
LANSING-K.C. . . . .	-1169 . . . . .	3100
LANSING-K.C. BASE. . . . .	-1379 . . . . .	3310
CONGLOMERATE SAND. . . . .	-1467 . . . . .	3398
R.T.D. . . . .	-1519 . . . . .	3450
L.T.D. . . . .	-1522 . . . . .	3453

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Cores: None.

Drill Stem Tests: Five, see below.

Electric Logs: Great Guns R.A. Guard Log w/caliper

FORMATION DESCRIPTION

Notice: Two zones above the Topeka Calculate there was questionable stain in each zone, and wet samples should be saved on future wells through the intervals corresponding to 2843-55 and 2745-49. Test these zones immediately before abandoning. There were no shows or calculations noticed in the Topeka section.

TORONTO 3082-93:

This formation has a minor to adequate show of free oil and stain in an offwhite, fine crystalline limestone with good interfossiliferous porosity that should be tested from 3082-84. Please see DST #1 and 2 below.

DRILL STEM TEST NUMBER ONE 3054-99:

This test failed due to unknown reasons.

DaMar Resources, Inc. Donahey #1  
SW-SE-NW 35-4S-20W  
Phillips County, Kansas

Page 2

DRILL STEM TEST NUMBER TWO 3054-99:

Zone Tested: Toronto  
Testing Times: 30-45-60-45 .  
Recovery: 170' DM  
JBHP: 1257  
FBHP: 1152  
FP: 105-105 127-127

LANSING-KANSAS CITY 3100-21:

A, B Bench 3100-21 This bench has a barren, white to offwhite chalky to firm fine crystalline limestone.

C, D Bench 3134-63 This zone has a minor to adequate show of free oil and stain in an offwhite, fine crystalline limestone with interfossiliferous porosity that was tested by DST #3 below. Test 3135-37 and 3152-56.

DRILL STEM TEST NUMBER THREE 3117-65:

Zones Tested: C, D Benches  
Testing Times: 30-45-60-45  
Recovery: 35' OCM 25% oil  
IBHP: 975  
FBHP: 892  
FP: 42-42 52-52

E, F Bench 3168-84 This zone has a minor to adequate show of free oil and stain in an offwhite, fine crystalline limestone with good interfossiliferous porosity that was tested by DST #4 and 5 below. Test 3175-80. Immediately before abandoning test 3170-71.

DRILL STEM TEST NUMBER FOUR 3162-85:

Test failed for no apparent reason.

DRILL STEM TEST NUMBER FIVE 3155-85:

Zones Tested: E, F  
Testing Times: 30-45-60-45  
Recovery: 190' MCO  
IBHP: 1215  
FBHP: 1163  
FP: 52-52 63-95

G Bench 3188-3210 This bench has a trace of free oil and stain in a white to offwhite chalky to cherty fine crystalline limestone with interfossiliferous porosity that is mostly barren.

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H Bench 3225-38 This zone has a barren, white to offwhite chalky to cherty fine crystalline limestone.

I, J Bench 3247-74 This area has a minor show of free oil and stain in an offwhite, friable to cherty fine crystalline limestone with interfossiliferous and intercrystalline porosity. Test 3248-52.

K, L Bench 3287-3310 This area has a trace to very minor show of free oil and stain in an offwhite, friable to cherty fine crystalline limestone with interfossiliferous porosity that does not calculate.

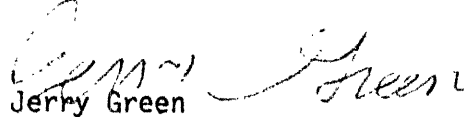
CONGLOMERATE SAND 3398-3426:

This sand has a trace of free oil and stain in mostly barren clusters of fine to medium grained rounded and angular quartz sand.

RECOMMENDATIONS

All parties recommended that pipe be set and this well tested.

Respectfully submitted,

  
Jerry Green

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ONE FOOT DRILL TIME FROM 2501' TO 3450' :

2501 11122/12222/21211/21221/21121/~~1111~~<sup>112</sup>/32322/22223/23332/22232  
2600 23223/32322/32332/23223/22333/44432/32233/22213/33233/22222

2601 31322/22222/31233/32224/22222/22222/23232/22234/32333/33233  
2700 12213/32233/21221/21112/11114/51111/12211/~~11211~~<sup>11211</sup>/31111

2701 21323/33233/22343/33334/43443/11123/32122/22222/21222/11123  
2800 22222/11222/32222/12212/12112/11212/12122/22132/23222/22223

2801 21212/~~11111~~<sup>11111</sup>/~~22222~~<sup>22222</sup>/22233/32221/12222/32232/22333/22222/22212/21111  
2900 ~~11111~~<sup>11111</sup>/12222/23333/22333/22322/32222/21333/23123/32344/32223

2901 22222/22222/22223/22223/21223/33333/22222/23334/33334/33233  
3000 21221/1111~~1~~<sup>1</sup>/~~2222~~<sup>2222</sup>/~~1111~~<sup>1111</sup>/22222/22233/33323/32333/33432/32222

3001 23322/23332/13433/42322/11334/43345/33233/33322/32333/23324  
3100 33333/23211/32223/22223/23332/33222/32323/22344/34334/22334

3101 44434/44343/43343/34443/33432/22222/22232/32223/33343/32322  
3200 32222/22333/34423/22444/44233/21223/44333/22343/32354/53545

3201 55444/53445/22423/22323/32323/44344/34443/44453/44332/33333  
3300 33334/43232/32333/33343/43423/22332/43233/32333/34334/54453

3301 32324/23423/33221/111~~1~~<sup>1</sup>/~~1111~~<sup>1111</sup>/11121/22233/44433/22232/22434  
3400 65444/54333/34334/53445/54333/43333/34334/34323/33223/33111

3401 111~~1~~<sup>1</sup>/~~2222~~<sup>2222</sup>/~~1111~~<sup>1111</sup>/~~1111~~<sup>1111</sup>/~~2222~~<sup>2222</sup>/~~1111~~<sup>1111</sup>/12232/22221/22221/22211/12222  
3450

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Wichita, Kansas

# Stephen C. Robben

Box 426

Victoria, Kansas 67671

Phone 913-735-9405

DaMar Resources  
Donahey # 1  
36-4s-20w  
SW-SE-NW  
Phillips Co., Kansas

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## Completion Report

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4/19/85 Moved in double drum. Ran collar log and cement Bond log. P.B.T.D. 3434'.  
Swabbed hole dry. Perforated from 3402-04' (sand). Swab tested.

2 pulls 1 hr. - 6.3 BBL 100% water

1 pull 30 min. - 3.3 BBL 100% water

Perforated from 3306-08' (L-zone). Set plug at 3350' (Alpha plug). No fluid natural. Treated zone with 250 gallons of acid (15% N.E.). Maximum pressure 800#. Treated at 2 BPM 600#. ISIP 500#. 400# in 10 minutes. Bled back 1 BBL. 87 barrel load.

Swab down - 82.0 BBL

30 min. - .2 BBL No show

4/20/85 300' of water in hole, no oil. Perforated 1 shot at 3249' (I-zone).  
Set retrievable plug at 3296'. No fluid natural. Treated zone with 500 gallons of acid (15% N.E.). Worked pressure up to 2500#. Could not get zone to break. Perforated 1 shot at 3247' (I-zone). Maximum pressure 1000#. Treated at 2 BPM 600#. ISIP 400#. Bled back 6 barrel. 93 barrel load.

Swab down - 80.5 BBL

2 pulls 1 hr. - 1.1 BBL Scum of oil

Perforated 1 shot at 3263' (J-zone) and 3226' (H-zone). Treated zones with 2000 gallons of acid (15% N.E.). Maximum pressure 1600#. Treated at 12 BPM 1600#. ISIP 400#. 300# in 10 minutes. Shut well in. 138 barrel load.

4/22/85 Fluid at surface.

Swab down - 86.0 BBL

2 pulls 1 hr. - 1.8 BBL Scum of oil

Perforated 1 shot at 3175' (F-zone), 3153' (C-zone) and 3137' (B-zone).  
Set retrievable plug at 3200'. No fluid natural. Treated zones with 1000 gallons of acid (15% N.E.). Maximum pressure 1400#. Treated at 9 BPM 1400#. ISIP 350#.

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Box 426

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DaMar Resources  
Donahey # 1

300# in 10 minutes. Bled back 15 barrel. 109 barrel load.

Swab down - 91.0 BBL  
2 pulls 1 hr. - 5.5 BBL 60% oil  
2 pulls 1 hr. - 5.5 BBL 90% oil

4/23/85 1500' of fluid in hole (1200' oil and 300' water). Retreated zones with 3000 gallons of acid (20% N.E.). Maximum pressure 1450#. Treated at 10 BPM 1450#. ISIP 350#. 177 barrel load. Bled back 15 barrel after 1 hour shut in.

Swab down - 101.0 BBL  
2 pulls 1 hr. - 7.1 BBL 65% oil

Perforated 1 shot at 3103' (A-zone) and 3084' (Toronto). Junk basket caught on F.O. tool and opened tool. Moved plug to 2400'. Broke circulation on backside.

4/24/85 Circulated cement from 1490' to surface. Closed F.O. tool and set retrievable plug at 3120'.

4/25/85 Swabbed hole dry. No fluid natural. Treated zones (A-zone & Toronto) with 1000 gallons of acid (15% N.E.). Treated at 5 BPM 1600#. ISIP 400#. 102 barrel load. Bled back 11 barrel

Swab down - 104.00BBL  
2 pulls 1 hr. - 7.25BBL 75% oil  
2 pulls 2 hr. - 9.50BBL 65% oil

Pulled retrievable plug. Shot out zones 3175-77', 3152-54' 3136-38', 3102-04' and 3084-86' (3 shots per ft.). Ran tubing and rods.

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