

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 # 9540  
Name Mahoney Oil & Gas (COL-KAN)  
Address P. O. Box 467  
City/State/Zip Russell, KS 67665

Purchaser Koch Oil Company

Operator Contact Person Tim Mahoney  
Phone 913-483-5341

Contractor: License # 8241  
Name Emphasis Oil Operations

Wellsite Geologist Jim Harden  
Phone (913) 628-3918

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  
10-22-84 10-29-84 11/01/84  
Spud Date Date Reached TD Completion Date  
3210' RTD  
Total Depth PBD

Amount of Surface Pipe Set and Cemented at 249 feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set.....feet  
If alternate 2 completion, cement circulated from.....feet depth to.....w/.....SX cmt

API NO. 15-167-22,460

County Russell

SE NW NW Sec. 27 Twp. 14S Rge. 13  East  West

4290 Ft North from Southeast Corner of Section  
4290 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

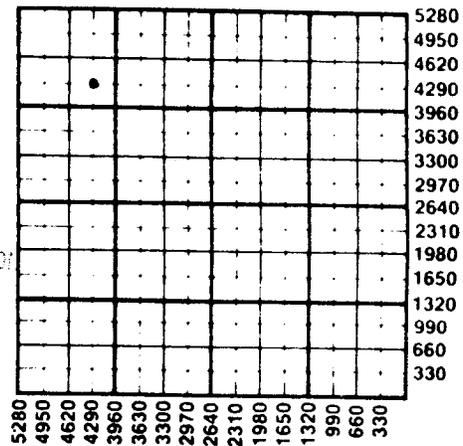
Lease Name Rein Mai Well # 1

Field Name Hall-Gurney

Producing Formation Kansas City

Elevation: Ground 1746' KB 1751'

Section Plat



WATER SUPPLY INFORMATION  
Disposition of Produced Water:  Disposal  Repressuring  
Docket # D23,209

Questions on this portion of the ACO-1 call:  
Water Resources Board (913) 296-3717

Source of Water:  
Division of Water Resources Permit #.....  
 Groundwater 1320 Ft North from Southeast Corner  
(Well) 4250 Ft West from Southeast Corner of  
Sec 26 Twp 14S Rge 13  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. #)

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
	20 Bbls	MCF	20 Bbls	CFPB	

METHOD OF COMPLETION

Production Interval

Disposition of gas:  Vented  Open Hole  Perforation  
 Sold  Other (Specify)

SIDE TWO

Operator Name Mahoney Oil & Gas (COL-KAN) Lease Name Rein Mai Well # 1

Sec. 27 Twp. 14S Rge. 13 East  West  County Russell

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  
 D.S.T. #1 "Attached Sheet"  
 Depth: 2772'-2826'  
 Time Intervals: 30-30-30-30  
 IFP: 43-43#  
 ISIP: 814#  
 FFP: 53-53#  
 FSIP: 800#  
 Recovery: 15' Drilling Mud  
 D.S.T. #2  
 Depth: 2901'-2944'  
 Time Intervals: 30-30-30-30  
 ISIP: 825#  
 FSIP: 868#  
 IFP: 53-53#  
 FFP: 64-64#  
 Zones: "A" "B" "C"  
 Recovery: 330' Gas in Pipe  
 150' Oil & Gas-cut Mud

Name	Formation Description	
	Top	Bottom
Tarkio Lime	2318'	
Elmont	2386'	
Topeka	2591'	
Heebner	2824'	
Toronto	2842'	
Lansing	2890'	
Base/Kansas City	3148'	
T.D.	3205'	

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"		249'	60/40 POZ	150	3% cc, 2% gel
Production	7 7/8"	5 1/2"	14#	3206'	50/50 POZ	25	2% gel, 18% salt
					60/40 POZ	250	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
4	2985-2989	500 gal. 15% mud acid	same

TUBING RECORD	Size	Set At	Packer at	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	2"	3000'			

Date of First Production 11/9/84 Producing Method  Flowing  Pumping  Gas Lift  Other (explain).....

27-14-13W

COPY

Lease; Rein-Mai Well: #1 27-14-13W

Well Log:

D.S.T. #3

Depth: 2982'-2998'

Time Intervals: 30-30-30-30

ISIP: 740#

FSIP: 714#

IFP: 64-64#

FFP: 86-86#

Recovery: Zones "F", "G"

740' GIP, 70' O & GCM, 120' Gassy Muddy Oil

DEC 1964

Geological Survey  
Washington, D.C.