

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 # 9854  
name MarMac Petroleum Company  
address 1026 Union Center Building  
City/State/Zip Wichita, Kansas 67202

Operator Contact Person Doug McGinness, II  
Phone (316) 269-3424

Contractor: license # 5652  
name Mustang Drilling & Exploration

Wellsite Geologist Douglas H. McGinness, II  
Phone (316) 267-6065

PURCHASER Koch Oil Company

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  
06-22-85 06-29-85 07-19-85  
Spud Date Date Reached TD Completion Date

3869' N/A  
Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 218 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. 15-095-21,530-0000

County Kingman

W/2 NW NW Sec 10 Twp 28S Rge 5 East  
(location) X West

4620 Ft North from Southeast Corner of Section  
4950 Ft West from Southeast Corner of Section  
(Note: locate well in section plat below)

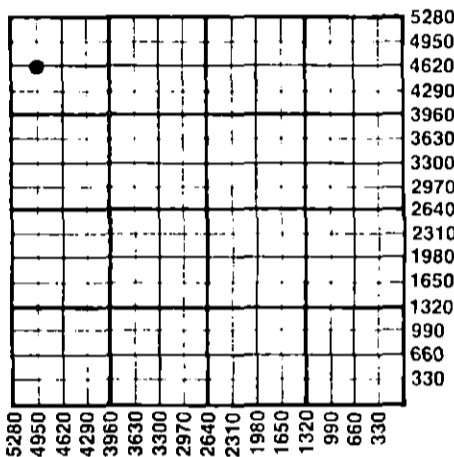
Lease Name Brown Well# 1

Field Name Landsdowne/Dewey Pool North Casley, S.W

Producing Formation Mississippi Chert

Elevation: Ground 1421' KB 1426'

Section Plat



200  
acres

WATER SUPPLY INFORMATION

Source of Water:  
Division of Water Resources Permit #

Groundwater Ft North From Southeast Corner and  
(Well) Ft. West From Southeast Corner of  
Sec Twp Rge  East  West

Surface Water Ft North From Southeast Corner and  
(Stream, Pond etc.) Ft West From Southeast Corner  
Sec Twp Rge  East  West

Other (explain) Hauled  
(purchased from city, R.W.D.#)

Disposition of Produced Water:  Disposal  Repressuring

Docket #

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. Rules 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.

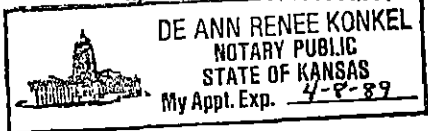
One copy of all wireline logs and drillers time log shall be attached with this form. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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] Title Secretary-Treasurer Date 09-23-85

Subscribed and sworn to before me this 23 day of September 19 85

Notary Public [Signature] Date Commission Expires April 8 1989



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)

RECEIVED STATE CORPORATION COMMISSION Form ACO-1 (7-84)

SEP 24 1985 09-24-85 CONSERVATION DIVISION

Sec. 10, Twp 28, Rge 5E

**SIDE TWO**

Operator Name MarMac Petroleum Co. Lease Name Brown Well# 1 SEC. 10 TWP. 28S RGE. 5  East  West

**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
DST #1: 1735-1760, open 1-hour, strong blow throughout, recovered 360' muddy salt-water, SIP 723/30"-713/30", FP: 65-136/30", 165-194/30", BHT-89° F.	Indian Cave	1741	(-315)
	Lansing	2966	(-1540)
	Kansas City	3199	(-1773)
	Base/Kansas City	3418	(-1992)
	Cherokee Shale	3605	(-2179)
DST #2: 3775-3785, open 1 1/4 hours, strong blow, GTS/35", F/8,000 CFGPD, recovered 40' mud, 40' muddy saltwater, SIP: 714/45"-723/60", FP: 34-38/30", 48-48/45", BHT 116° F.	Mississippi	3766	(-2340)
	Mississippi Chert	3773	(-2347)
	Mississippi Dolomite	3819	(-2393)
	Total Depth	3870	(-2444)
DST #4: 3790-3818, Straddle Packer, open 1 1/4 hours, strong blow, GTS/28", F/15,000 CFGPD, recovered 40' SO&GCM, 60' HO&GCM (35% oil), 120' O&GCWM (20% oil; 10% water), SIP: 761/30"-761/30", FP: 68-68/30", 80-110/45", BHT 116° F.			
DST #3: 3820-3835, open 1 1/4 hours, very weak blow, recovered 80' GIP, 20' VSO specked mud, SIP: 107/30"-116/60", FP: 28-35/30", 48-48/45", BHT 116° F.			

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	12-1/8"	8-5/8"	23#	218'	60-40 Poz	135	3% CC, 2% Gel
Production	7-7/8"	5-1/2"	14#	3868'	60-40 Poz	100	10% Salt, 3/4% Friction Redu
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
shots per foot	specify footage of each interval perforated			(amount and kind of material used)			Depth
2	3778' to 3808'			1500 gal DSFE Acid, 100 perf-pac balls Hydro-frac 30,000# of 10-20 type sand & 30,000 gal of Cross-link gel			
TUBING RECORD size 2-7/8" set at 3730' packer at N/A				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
Date of First Production	Producing method <input type="checkbox"/> flowing <input checked="" type="checkbox"/> pumping <input type="checkbox"/> gas lift <input type="checkbox"/> Other (explain)						
07-20-85							
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio		Gravity	
	25 Bbls	100 MCF	75 Bbls	CFPB			

Disposition of gas:  vented  open hole  perforation  
 sold  other (specify) .....  
 used on lease  Dually Completed.  
 Commingled

**PRODUCTION INTERVAL**  
 ..... 3778' to 3808' .....