

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 # 8759  
name Mack Energy Co.  
address P. O. Box 400  
Duncan, OK 73534  
City/State/Zip

Operator Contact Person O. D. Mellott  
Phone (316) 793-8721

Contractor: license # 5146  
name Rains & Williamson Oil Co., Inc.

Wellsite Geologist Tim Hanson  
Phone (316) 262-2688

PURCHASER

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  
9-18-84 10-5-84 11-20-84  
Spud Date Date Reached TD Completion Date

5300'  
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 243' 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 - 191-21,738 - 00-00

County Sumner

NE SE NW Sec 6 Twp 34S Rge 4 East West

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

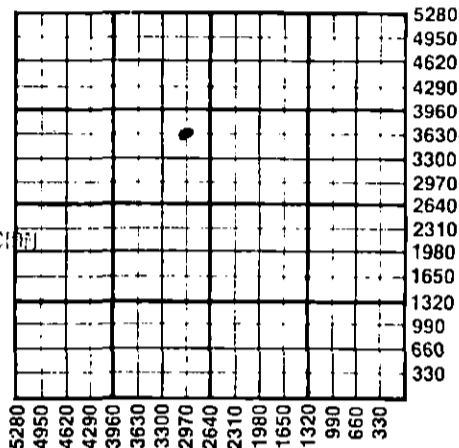
Lease Name Misak Well# 2

Field Name Gerberding

Producing Formation

Elevation: Ground 1243' KB 1252'

Section Plat



RECEIVED  
DEC 17 1984  
STATE CORPORATION COMMISSION  
WICHITA, KANSAS

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) (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 Exploration Manager Date 12-13-84

Subscribed and sworn to before me this 14th day of December, 1984.

Notary Public [Signature] Date Commission Expires 7-22-85

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. 6 Twp. 34S Rge. 4 W.

SIDE TWO

Operator Name Mack Energy Co. Lease Name Misak Well# 2 SEC 6 TWP 34S RGE 4  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

DST #1 Mississippi 4316' to 4359'  
 15" 30" 30" 60"  
 Flow pressure 600-620, SI pressure 1785-1775,  
 Hydrostatic pressure 2195-2145.  
 Strong blow throughout,  
 Gas to surface - 3 minutes,  
 1.6 million cubic ft.  
 Recovered 620' muddy water, CL 28,000.

Name	Top	Bottom
Stalnaker	3382'	-2130'
Kansas City	3630'	-2378'
Base of Kansas City	3870'	-2618'
Mississippi	4325'	-3073'
Mississippi Porosity	3352'	-3100'
Kinderhook	4656'	-3404'
Simpson	3735'	-3483'
Arbuckle	4928'	-3676'
DTD	5300'	
LTD	5305'	

DST #2 Simpson 4720-4739'  
 Misrun due to packer failure.

DST #3 Simpson 4734-4739'  
 Misrun.

Completed as Salt Water Disposal Well  
 in Arbuckle zone.

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"	10 3/4"	40 1/2#	243'	Class A	200 sx.	2% gel, 3%cc
Production		7"	23 & 20	4934'	50/50 poz.	200 sx.	3/4% CFR2, 18% salt, 10# gil.
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	Simpson 4740'-4742'			250 gals FE acid & Morflow, 6000 gals Gel Simpson SW & 132000 SCF N2, 25 sx. reg. sand			4740-42'
	Squeezed off			100 sx. common cement			
Open hole	Arbuckle 4928'-5305'			1500 gals 15% acid			5305'
				1000 gals FE acid			
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First Production		Producing method <input type="checkbox"/> flowing <input type="checkbox"/> pumping <input type="checkbox"/> gas lift <input type="checkbox"/> Other (explain) .....		size 2 3/8" set at 4814' packer at 4814'			
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity		
	Bbls	MCF	Bbls	CFPB			

Disposition of gas:  vented  
 sold  
 used on lease

METHOD OF COMPLETION  
 open hole  perforation  
 other (specify) .....

PRODUCTION INTERVAL

Dually Completed.  
 Commingled