

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 # 5652
Name Mustang Companies, Inc.
Address P.O. Box 1609
City/State/Zip Great Bend, KS 67530

Purchaser N/A

Operator Contact Person J.P. Meroney
Phone 316-792-7323

Contractor: License # 4958
Name Mallard JV Inc.

Wellsite Geologist Harlan Dixon
Phone 316-262-3928

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

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

WELL HISTORY

Drilling Method:
X Mud Rotary Air Rotary Cable
11-11-89 11-19-89 11-19-89
Spud Date Date Reached TD Completion Date
4580'
Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 815 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
Cement Company Name
Invoice #

API NO. 15-135-23,392-0000
County Ness
C SE NW Sec. 21 Twp. 20S Rge. 25W X West
3300 Ft North from Southeast Corner of Section
3300 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

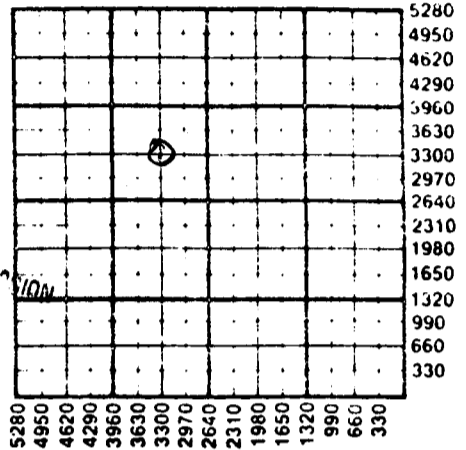
Lease Name Klitzke Well # 1-21

Field Name

Producing Formation

Elevation: Ground 2453' KB 2461'

Section Plat



STATE CORPORATION COMMISSION
RECEIVED
NOV 19 1989
12-19-89
CONSERVATION DIVISION
Wichita, Kansas

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

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

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 compiled with and the statements herein are complete and correct to the best of my knowledge.

Signature J.P. Meroney
J.P. Meroney
President
Title Date 12/14/89

NOTARY PUBLIC: State of Kansas
PAMELA K. WALTERS
My Appl. Exp. 8-25-91

Subscribed and sworn to before me this 14th day of December 1989

Notary Public Pamela K. Walters

Date Commission Expires August 25, 1991

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Timelog Received
Distribution
KCE SWD/Rep NGPA
KGS Plug Other
(Specify)

Operator Name Mustang Companies, Inc. Lease Name Klitzke Well # 1-21

Sec. 21 Twp. 20S Rge. 25W East West County Ness

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 4459'-4487' times 30-30-30-30
 Opened tool with weak blow and died.
 Recovered 55' mud with oil specks.
 IF 24-24 FF 36-36
 ISIP 48 FSIP 60
 IHH 2296 FHH 2272
 BHT 116°

Name	Top	Bottom
Anhydrite	1698	+ 763
Heebner	3828	-1367
Lansing	3868	-1407
Cherokee	4392	-1931
Mississippi	4481	-2020
RTD	4580	-2119
LTD	4584	-2123

DST #2 4458'-4517' times 30-60-90-90
 Opened tool with weak blow which incr. to 1 1/2" blow at end of first flow.
 Recovered 250' SLGC mud with oil specks.
 IF 48-84 FF 96-156
 ISIP 1116 FSIP 998
 IHH 2343 FHH 2319
 BHT 118°

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"	24#/ft	815'	pozmix	300	2%gel, 3%cc
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input 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).....						
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity		
	Bbls	MCF	Bbls	CFPB			

METHOD OF COMPLETION

Production Interval

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

MALLARD JV, INC.
P.O. BOX 1009
McPHERSON, KS 67460

DRILLERS' LOG

OPERATOR: Mustang Companies, Inc.
P.O. Drawer 1609
Great Bend, KS 67530

WELL: Klitzke #1-21

API#: 15-135-23,392

COMMENCED: 11-11-89

LOCATION: C SE NW

COMPLETED: 11-19-89

3300 Ft. FSL, 3300 Ft. FEL

TOTAL DEPTH: 4580 Ft.

SEC. 21 TWP. 20 S RGE. 25 W

ELEVATION: 2453 Ft. G.L.

COUNTY: Ness

2461 Ft. K.B.

Drilled 12 1/4" hole to 817' and ran 19 joints 8-5/8" x 24# x 804.68' surface casing. Set at 815' and cemented with 300 sacks 60/40 Pozmix, 2% gel, 3% cc. Cement did circulate. P.D. @ 9:45 a.m. 11-12-89.

Ran 2 DSTs and electric log; R.T.D. Mississippi formation.

Plugged hole with 135 sacks 60/40 Pozmix, 6% gel as follows:

- 50 sx @ 1750'
- 50 sx @ 850'
- 10 sx @ 40' solid bridge to surface
- 15 sx R.H., 10 sx M.H.
- P.D. @ 11:15 p.m. 11-19-89.

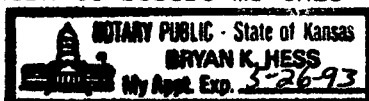
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STATE CONSERVATION COMMISSION
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CONSERVATION DIVISION
Wichita, Kansas

STATE OF KANSAS)
COUNTY OF MCPHERSON) SS:

I, James H. Hess of MALLARD JV, INC. hereby certify that this is a true and correct copy of the log of the Klitzke #1-21 well as reflected by the files of Mallard JV, Inc.

James H. Hess
James H. Hess

Subscribed and sworn to before me this 27th day of November, 1989.



Bryan K. Hess
NOTARY PUBLIC