

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

API NO. 15- 15-135-01, 012-0061

County Ness

NW. NW NE Sec. 35 Twp. 18S Rge. 21

4950' Feet from (S) (circle one) Line of Section

2310 Feet from (E) (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(NE) SE, NW or SW (circle one)

Lease Name Ryersee Well # 4

Field Name _____

Producing Formation Not Applicable

Elevation: Ground 2140 KB 2148

Total Depth Not Applicable PBD Not Applicable

Amount of Surface Pipe Set and Cemented at N/A Feet

Multiple Stage Cementing Collar Used? N/A Yes N/A No

If yes, show depth set N/A 1341' KB Feet

If Alternate II completion, cement circulated from N/A 1341'

feet depth to Not Applicable 450' surface 450' sx cnt.

Drilling Fluid Management Plan THIS SECTION ALT II?

(Data must be collected from the Reserve Pit) 9-21-92

NOT APPLICABLE a workover DPW

Chloride content conversion to SWD ppm Fluid volume _____ bbis

Dewatering method used _____

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

Quarter _____ Sec. _____ Twp. _____ S Rng. _____ E/W

County _____ Docket No. _____

Operator: License # 5088

Name: John Jay Darrah, Jr.

Address 412 E. Douglas, #1
Wichita, KS 67202

City/State/Zip _____

Purchaser: Not Applicable

Operator Contact Person: Bo Darrah

Phone (316) 263-2243

Contractor: Name: Not Applicable

License: Not Applicable

Wellsite Geologist: _____

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD SLOW Temp. Abd.

Gas ENHR SIGW

Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows:

Operator: R. W. Shields

Well Name: Ryersee B #1

Comp. Date 10/22/60 Old Total Depth _____

Deepening Re-perf. Conv. to Inj/SWD
 Plug Back _____ PBD

Commingled _____ Docket No. _____

Dual Completion _____ Docket No. _____

Other (SWD or ~~SWD~~?) Docket No. D-26,479

N/A 12/20/91
Spud Date Date Reached TD Completion Date

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 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 geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

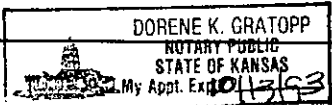
All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature [Signature]
Title Operator re-submitted Date 3/23/92

Subscribed and sworn to before me this 23rd day of March
19 92

Notary Public [Signature]

Date Commission Expires _____



K.C.C. OFFICE USE ONLY
Letter of Confidentiality Attached
Wireline Log Received
Geologist Report Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)

Operator Name John Jay Darrah, Jr. Lease Name Ryersee C Well # 4

Sec. 35 Twp. 18 Rge. 21 East West
 County Ness

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 (Attach Additional Sheets.)	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datums	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Electric Log Run (Submit Copy.)	<input type="checkbox"/> Yes <input type="checkbox"/> No			

List All E.Logs Run: NOT APPLICABLE - converted to SWD - Drillers Log attached - See Workover report attached.

CASING RECORD <input 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		293'			
Not Applicable - Conversion to SWD							
Long String	7 7/8"	4 1/2	14.5#	4330'	6 1/4 POZ	100	6 1/4 POZ

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input checked="" type="checkbox"/> Perforate <input checked="" type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	1341 to Surface	LITE	450'	Light Cement
		NOT APPLICABLE		- Conversion to SWD

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated		Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth	
				acidized down tubing w/300 gals 28% HCl.

TUBING RECORD plastic lined	Size 2-7/8"	Set At 4395'	Packer At 4395	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj. to begin at approval of KCC		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 Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity

Disposition of Gas:	METHOD OF COMPLETION	Production Interval
<input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, submit ACO-18.)	<input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	_____

ORIGINAL

MALLARD JV, INC.
P. O. BOX 1009
MCPHERSON, KS 67460
D R I L L E R S L O G

OPERATOR: John Jay Darrah, Jr.
412 E. Douglas, Suite #1
Wichita, KS 67202

WELL: Ryersee "C" #4 OWWO
API#: 15-135-01,012-00-01

COMMENCED: December 17, 1991

LOC: NW NW NE

COMPLETED: December 20, 1991

330 Ft FSL, 2310 Ft FEL

TOTAL DEPTH: 4552 Ft

Sec 35 Twp 18 Rge 21 W

ELEVATION: 2140 Ft GL, 2148 Ft KB

COUNTY: Ness, Kansas

STATUS: Set Casing - Arbuckle Formation

OLD WELL INFORMATION

Operator: R. W. Shields
Well Name: Ryersee "B" #1
Completion Date: 10/22/60
Old TD: 4233'
Surface Casing: 8-5/8"
Set at: 293'

RECEIVED
STATE CORPORATION COMMISSION

MAR - 5 1992

WASH-DOWN INFORMATION

Spud: 5:10 p.m. 12/17/91
New TD: 4552'
Production Casing: 5 (4-1/2" x 14.5# x 4430.23' (145 jts.)
Set at: 4441.98'
DV Tool at: 1328'
Cement 1st Stage: 100 sacks 60/40 Pozmix, 10% salt
Cement Top Stage: 450 sacks Lite, 1/4# Floseal per sack
PD: 7:40 p.m. 12/20/91

CONSERVATION DIVISION
Wichita, Kansas

... CERTIFICATE ...

Dick Hess, Vice-President of Mallard JV, Inc., hereby certifies that this is a true and correct copy of the log of the following well, as reflected by the files of Mallard JV, Inc.: Ryersee "C" #4 OWWO

Dick Hess, Vice-President

STATE OF KANSAS)
COUNTY OF MCPHERSON) ss.

Subscribed and sworn to before me this 30th day of December, 1991.

NOTARY PUBLIC - State of Kansas
BRYAN K. HESS
My Appt. Exp. 5-26-93

Bryan K. Hess, Notary Public

P.O. BOX 1009
 McPHERSON, KANSAS 67460-1009
 (316) 241-4640

RYERSEE "C-4"
 NE¼ of Section 35-18S-21W
 Ness County, Kansas

Elevations: ?????
 D.V. Tool 1328' KB
 Float Collar 4415' KB
 Open Hole 4442-4552' KB

2-24-92 Moved in DS&W Well Service.

10:00-11:30am Rigged up.
 11:30-2:30pm Changed out 6 tubing collars on top row & wait on drill collars.
 Had D&S Welding cut off casing & weld on collar lower.
 Tripped in hole with drill collars & bit --- tagged D.V. Plug
 at 1341' KB
 2:30-3:00pm Rigged up and circulated mud out of hole.
 3:00-6:00pm Drilled 4½' and fell through D.V. Tool.

RECEIVED
 STATE CORPORATION COMMISSION

MAR - 5 1992

2-25-92

8:00-10:00am TRipped tubing down to 4410' KB.
 10:00-10:30am Rigged up and circulated tubing clean.
 10:30-2:30pm Drilled cement, plug, float collar, 23' of cement in shoe jt,
 and packer shoe. Plugged bit after falling into open hole.
 2:30-3:00pm Pushed bit to 4545' KB with power swivel only.
 3:00-5:00pm Pulled wet string & layed down tubing and drill collars.
 5:00-6:00pm Swabbed well from 800' to 1500' down. (kicking 150'/pull)

CONSERVATION DIVISION
 Wichita, Kansas

2-26-92 Fluid down 1000'.

8:00-1:00pm Pulled 28 times with swabb. (approx. 180 bbls) Recovered SW
 changing to heavy mud, then cleaning up to clean SW.
 1:00-5:30pm Ran coated J-slot packer in set down position.
 -----(½ turn to right to set, pick up to release.) -----
 3½ jts of 2-3/8" fiberglass tubing, then packer, then 2-7/8"
 tubing. :

2-27-92

8:00-10:00am Stripped off old head, set packer, & hooked up mud pump.
 10:00-11:00am Pumped 20 bbls of oil down annulas. Mud pump broke down
 with 200#.
 11:00-1:00pm Wait on Surfco.
 1:00-3:00pm Set packer and MIT well. Passed !!!!!!!!!!!
 3:00-5:00pm Load annulas w/ 78 bbls of oil, set packer at 4365' KB, and
 pressure test packer to 500#.
 (fought with broken pump, broken Surfco pump, & packer)
 5:00-6:00pm Acidized down tubing with 300 gals. 28% HCl. (no additives)
 Acid Job: Maximum Pressure 800# breaking down to 300# at 2 bbls/min.