

[Handwritten signature]

Purchaser.....
.....

Contractor: License # 4958
Name Mallard JV, Inc.

Wellsite Geologist.....Don Strong.....
Phone.....

X New Well Re-Entry

If ONVO: old well info as follows:

Operator
Well Name
Comp. Date Old Total Depth.....

Drilling Method:

X Mud Rotary Air Rotary Cable

7/21/88.....	7/25/88.....	7-25-88
Spud Date	Date Reached TD	Completion Date
3880.....		
Total Depth	PBTD	

Amount of Surface Pipe Set and Cemented at 227.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 #

5

API NO. 15-.....065-22,462

County.....Graham.....

SE...SE...SW...Sec...23...Twp...8...Rge...24...X West

330..... Ft North from Southeast Corner of Section

2970..... Ft West from Southeast Corner of Section

(Note: Locate well in section plat below)

Lease Name.....Gates.....

Field Name.....

Producing Formation.....

Elevation: Ground.....2295.....KB.....2303.....

Section Plot

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: Groundwater
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
Other (explain).....
(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 slide 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 James S. Deulen

Title..... Partner-Operator..... Date

Subscribed and sworn to before me thisday of.....
19.....

Notary Public.....Taylor K. Dunagan.....
Paula B. Dunagan

Date Commission Expires.....2 March 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)

.....

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Form ACO-1 (5-86)

Sec. 23 Twp. 8. Rge. 24 W

PAULA R. DUNAGAN
NOTARY PUBLIC
STATE OF KANSAS
 My Appt. Exp. 3/2/25

AUG 13 1988

**KANSAS GEOLOGICAL SURVEY
WICHITA BRANCH**

Operator Name

Sec.....23..... Twp.....8..... Rge.....24.....

County.....Graham.....

☐ 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
Anhydrite	2019 (+284)	
B. Anhydrite	2051 (+252)	
Heebner	3614 (-1311)	
Toronto	3639 (-1336)	
Lansing	3653 (-1350)	
BKC	3863 (-1560)	
RTD	3880 (-1577)	

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	20#	227	60/40 DOZ	160	2% gel, 3% cc

PERFORATION RECORD

Shots Per Foot

Specify Footage of Each Interval Perforated

Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)

Depth

TUBING RECORD

Size

Set At

Packer at

Liner Run ☐ Yes ☐ No

Date of First Production

Producing Method ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (explain).....

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

METHOD OF COMPLETION

Disposition of gas: ☐ Vented ☐ Sold ☐ Used on Lease

☐ Open Hole ☐ Perforation ☐ Other (Specify)

☐ Dually Completed ☐ Conmingled

Production Interval

23-8-24W

