

RELEASED

SIDE ONE

3123186
3-23-87

STATE CORPORATION COMMISSION OF KANSAS
GAS CONSERVATION DIVISION

FROM CONFIDENTIAL
WELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY

DESCRIPTION OF WELL AND LEASE

Operator: License # 5088
Name John Jay Darrah, Jr.
Address 412 E. Douglas, Suite One
City/State/Zip Wichita, Ks: 67202

Purchaser:

Operator Contact Person Dorene K. Dunn
Phone 316/263-2243

Contractor: License # 4630
Name Mallard Drilling

Wellsite Geologist Beth Fuhr
Phone 316/263-2243

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

12/15/85 12/23/85 12/23/85
Spud Date Date Reached TD Completion Date

4450
Total Depth PBTD

238.6' 247.10'

Amount of Surface Pipe Set and Cemented at feet
Multiple Stage Cementing Collar Used? ☐ Yes ☐ No

If yes, show depth set feet

If alternate 2 completion, cement circulated
from 247.10 feet depth to surf w/ 155 SX cmt

Amended 195-21,831
API NO. 15-
County Trego
App S/2 SW Sec 17 Twp 15S Rge 25 ☐ East ☒ West

660 Ft North from Southeast Corner of Section
3860 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

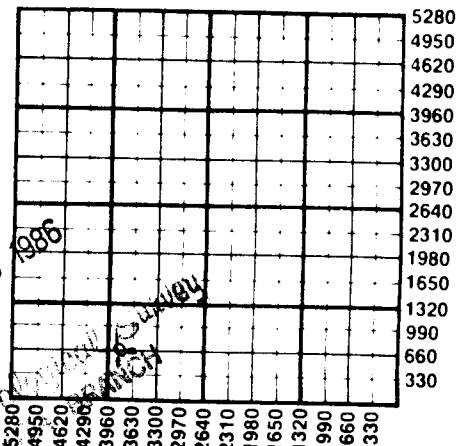
Lease Name Daines Well # 1

Field Name

Producing Formation

Elevation: Ground 2427 KB 2435

Section Plat



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

☒ purchased from Francis Thornberg
Other (explain) Utica, Kansas 67584
(purchased from city, R.W.D. #)

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. Rule 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.

309986

SIDE TWO

Operator Name John Jay Darrah, Jr. Lease Name Deines Well # 1
Sec. 17 Twp. 15S Rge. 25W ☐ East ☐ West County Trego

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
DST#1 3970-4025' 30/30/30/30 Rec: 75' mud, no show of oil. FP 33-44# SIP 1196-1024#.
DST#2 4272-4380 30/30/45/45 Rec: 420 mud cut oil (approx 54% mud, 41% oil, 4% gas, 1% water) FP 121-230#; SIP 1034-948#

Formation Description		
☐ Log	☒ Sample	
Name	Top	Subsea Bottom
Anhydrite	1880	+ 550
Heebner	3722	-1286
Lansing	3762	-1324
B/Ks. City	4056	-1618
Pawnee	4192	-1754
Ft. Scott	4260	-1822
Cherokee Shale	4286	-1848
Cherokee Sand	4340	-1902
Mississippi	4377	-1939
RTD	4450	-2012

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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
Surf.....	12-1/4"	8-5/8"	20.....	247.10..	60/40. port.	155...	3% cc., 2% ge.
.....							
.....							
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 ☐ Yes ☐ No			
Date of First Production		Producing Method					
		☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (explain).....					

D R I L L E R S' L O G

COMPANY: John Jay Darrah, Jr.

WELL NAME: Deines #1

CONTRACTOR: Mallard Drilling
P. O. Box 905
McPherson, Kansas 67460

DESCRIPTION: Approx. S2 SW
Sec. 17-15S-25W
Trego County, Ks.
API#: 15-195-21,831

TOTAL DEPTH: 4450'
COMMENCED: December 15, 1985

ELEV. 2431' G.L. 2439' K.B.
COMPLETED: December 24, 1985

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<u>FORMATION</u>	<u>FROM</u>	<u>TO</u>
Soil, shale	0	439
Shale, clay	439	1290
Shale, sand	1290	1426
Cedar Hills	1426	1886
Anhydrite	1886	1924
Shale, lime	1924	3726
Heebner	3726	3766
Lansing	3766	4058
Shale, lime	4058	4194
Pawnee	4194	4264
Ft. Scott	4264	4290
Cherokee shale	4290	4356
Cherokee sand	4356	4381
Mississippi	4381	4400
Miss. Dolomite	4400	4450 T.D.

JAN 06 1986

State Geologist

Cut 12¼" hole to 257'. Ran 6 joints, 8 5/8" x 20# x 238.6' casing. Set at 247.10' and cemented with 155 sx 60/40 Poz., 3% c.c., 2% gel., CDC. P.D. at 3:45 a.m. 12-16-85.

Ran 3 DST's.

Ran electric log.

Plugged hole w/200 sx 60/40 Poz., 6% gel., as follows:
 1st plug at 1890' w/20 sx 2nd plug at 855' w/100 sx & 1 sk Flocel.
 3rd plug at 290' w/40 sx 4th plug at 40' S.B. w/10 sx and hulls.
 Rathole w/15 sx Mousehole w/15 sx.
 P.D. at 12:30 a.m. 12-24-85

STATE OF KANSAS)
) SS:
COUNTY OF McPHERSON)

I, BRYAN HESS of MALLARD DRILLING, certify that this is a true and correct copy of the log of the Deines #1 well as reflected by the files of Mallard Drilling.