SIDE ONE

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

Purchaser Inland Crude

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
[X] New Well [ ] Re-Entry [ ] Workover

[X] 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:
[X] Mud Rotary [ ] Air Rotary [ ] Cable

12/26/85	1/3/86	1/22/86
Spud Date	Date Reached TD	Completion Date

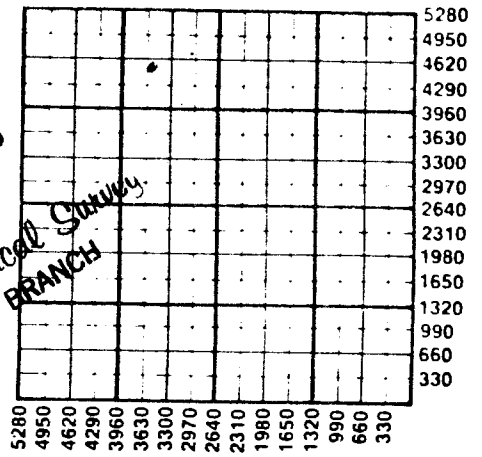
4472	4457
Total Depth	PBTD

Amount of Surface Pipe Set and Cemented at 6 jts @ 250.36' feet
Multiple Stage Cementing Collar Used? [ ] Yes [ ] No
If yes, show depth set feet
If alternate 2-completion, cement circulated from 4457 feet depth to Surf w/ 475 sx cmt

API NO. 15- 15-195-21832
County Trego
App NE NW Sec 26 Twp 15S Rge 25 [ ] East [X] West
4410 Ft North from Southeast Corner of Section
3500 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Lease Name Giess Well # 1
Field Name
Producing Formation Mississippi
Elevation: Ground 2485 KB 2493

Section Plat



FEB 24 1986
State Geological Survey
WICHITA BRANCH

WATER SUPPLY INFORMATION

Disposition of Produced Water: [X] Disposal [ ] Repressuring
Docket # D-12,821 C-21,617

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 Ron Huxman Arnold, Kansas
(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.

311288

SIDE TWO

Operator Name John Jay Darrah, Jr. Lease Name Giess Well # 1

Sec. 26 Twp. 15S Rge. 25 ☐ East ☒ West County Trego, Kansas

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 4354-4472'. 30/45/60/60
Rec: 360' oil cut mud (55% mud, 25% oil, 20% gas) Flow Pressures 97-226#; Shut in Pressures 1205-1162#

Formation Description
☐ Log ☒ Sample

Name	Top	Subsea Bottom-
Anhy	1921	+ 672
Heebner	3804	-1311
Lansing	3846	-1353
B/Ks. City	4142	-1640
Ft. Scott	4347	-1854
Cherokee Shale	4376	-1883
Miss	4452	-1959
RTD	4472	-1979

	Oil	Gas	Water	Gas-Oil Ratio	Gravity
Estimated Production Per 24 Hours	30 Bbls	MCF	40 Bbls	CFPB	

METHOD OF COMPLETION — Production Interval

Disposition of gas: ☐ Vented ☒ Open Hole ☐ Perforation

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	12-¼	8-5/8	20	250.36	60/40	155	3% cc, 2% gel
Production		4-1/2	10.5	4457	1st stage - 200 sx 60/40, 2% gel; 2nd stage 275 sx Econolite, 2% gel, cement circ to surface		

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 2/ 8/86

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

26-15-25W

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

COMPANY: John Jay Darrah, Jr.

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

WELL NAME: Giess #1

DESCRIPTION: NE NW
Sec. 26-15S-25W
Trego County, KS
API# 15-195-21,832

TOTAL DEPTH: 4472'
COMMENCED: December 26, 1985

ELEV. 2485' G.L. 2493' K.B.
COMPLETED: January 3, 1986

* *

FORMATION	FROM	TO
Soil, Shale	0	736
Shale, Sand	736	1332
Shale	1332	1450
Cedar Hills	1450	1921
Anhydrite	1921	1948
Shale, Lime	1948	3804
Heebner	3804	3846
Lansing	3846	4347
Fort Scott	4347	4376
Cherokee Shale	4376	4452
Mississippi	4452	4472 T.D.

FEB 24 1986
State Geological Survey
WICHITA BRANCH

REMARKS

Cut 12¼" hole to 258'. Ran 6 jts. new 8 5/8" x 20# x 241.86' casing. Set at 250.36' w/ld. jt. Cemented w/155 sx 60/40 poz, 3% cc, 2% gel. C.D.C. P.D. at 9:45 p.m. 12-26-85.

Ran 1 DST.

Ran 115 jts. 4½" x 10.5# x 4490.96' casing. Set at 4457' w/ld. jt. Cemented 1st stage w/200 sx 60/40 poz, 2% gel. P.D. at 8:00 p.m. 1-2-86. Cemented 2nd stage w/275 sx Econolite, 2% gel. C.D.C. P.D. at 2:00 a.m. 1-3-86.

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 Giess #1