

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

DESCRIPTION OF WELL AND LEASE

Operator: License # 32034

Name: Hal C. Porter

Address

10004 W 20th St N, Wichita KS 67212

City/State/Zip

Purchaser: Farmland Industries

Operator Contact Person:

Phone (316) 773-3808

Contractor: Name: Discovery Drilling Co

License: 31548

Wellsite Geologist: Randall Kilian

Designate Type of Completion

☒ New Well ☐ Re-Entry ☐ Workover☒ Oil ☐ SWD ☐ SIOW ☐ Temp. Abd.☐ Gas ☐ ENHR ☐ SIGW☐ Dry ☐ Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Reentry: Old Well Info as follows:

Operator:

Well Name:

Comp. Date Old Total Depth

☐ Deepening ☐ Re-perf. ☐ Conv. to Inj/SWD☐ Plug Back ☐ PBTB☐ Commingled ☐ Docket No.☐ Dual Completion ☐ Docket No.☐ Other (SWD or Inj?) ☐ Docket No.

8-28-1997

9-5-1997

9-25-1997

Spud Date

Date Reached TD

Completion Date

API NO. 15- 051-24979-0000

County ELLIS

Center N/2 N/2- NW Sec. 32 Twp. 11S Rge. 19 W W

385 Feet from S/N (circle one) Line of Section

1235 Feet from E/W (circle one) Line of Section

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

Lease Name Terry Solomon Well # 32-1

Field Name Zerfas East

Producing Formation Arbuckle

Elevation: Ground 2096 KB 2104

Total Depth 3731 PBTB 3690

Amount of Surface Pipe Set and Cemented at 210.52 Feet

Multiple Stage Cementing Collar Used? Yes ☒ No

If yes, show depth set Feet

If Alternate II completion, cement circulated from 210 457

feet depth to surface w/ 210 60/40 Poz 60/40 ex cmt.

Drilling Fluid Management Plan ALT 2 12-31-97 JK
(Data must be collected from the Reserve Pit)

Chloride content 5,000 ppm Fluid volume 200 bbls

Dewatering method used Allowed to Air Dry

Location of fluid disposal if hauled offsite:

Operator Name

Lease Name License No.

Quarter Sec. Twp. S Rng. E/W

County Docket No.

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market Room 2078, 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

Title Operator, Hal C. Porter Date 12/18/97

Subscribed and sworn to before me this 18th day of December, 1997

Notary Public

Date Commission Expires



DORIS L. SMITH
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp.

K.C.C. OFFICE USE ONLY

F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received

Distribution

✓ KCC SWD/Rep NGPA
KGS Plug Other (Specify)

Form ACO-1 (7-91)

SIDE TWO

Operator Name Hal C. PorterLease Name Terry SolomonWell # 32-1

Sec. 29 Twp. 11S Rge. 19

☐ East
☒ West

County ELLIS

ORIGINAL

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.)	☒ Yes ☐ No	☒ Log	Formation (Top), Depth and Datums	☐ Sample
Samples Sent to Geological Survey	☐ Yes ☒ No	Name	Top	Datum
Cores Taken	☐ Yes ☒ No	T/Anhydrite	1452	+ 652
Electric Log Run (Submit Copy.)	☒ Yes ☐ No	B/Anhydrite	1491	+ 613
		Topeka	3100	- 996
		Heabner Shale	3323	-1219
		Toronto	3343	-1239
		Lansing	3364	-1260
		Base LKC	3586	-1482
		Simpson Dolomite	3640	-1536
		Arbuckle	3654	-1550
		TD	3731	-1627

List All E.Logs Run: **RADIATION GUARD LOG**
BOND LOG

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 Casing	12-1/4"	8-5/8" OD	24#	210KB	60/40 Pos	135	2% gel
Production Casing	7-7/8"	5-1/2" OD	15.5#	3731 KB	Mid-Con II	125 ex	See HOWCO Report
Set DV tool at 1457. Cemented 2nd stage using 210sx Mid Con II, Full Returns of cement to surface. See Halliburton Tickets.							

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
Perforate				
Protect Casing				
Plug Back TD				
Plug Off Zone				

PERFORATION RECORD - Bridge Plugs Set/Type

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

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	3659-62 KB Arbuckle		

TUBING RECORD	Size	Set At	Packer At	Liner Run	☐ Yes ☒ No
	2-7/8"OD	3665			
Date of First, Resumed Production, SMD or Inj.	Producing Method	☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (Explain)			
October 3, 1997					
Estimated Production Per 24 Hours	Oil 56 Bbls.	Gas None Mcf	Water 0 Bbls.	Gas-Oil Ratio	27.6Gravity

Disposition of Gas: **METHOD OF COMPLETION** Production Interval

☐ Vented ☐ Sold ☐ Used on Lease ☐ Open Hole ☒ Perforated ☐ Daily Comp. ☐ Commingled

(If vented, submit ACO-18.)

☐ Other (Specify) _____

RECEIVED
KANSAS CORP COMM