

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 # 5318
 name Energy Reserves Group, Inc.
 address 925 Patton Road
 City/State/Zip Great Bend, KS 67530

Operator Contact Person Jim Sullivan
 Phone (316) 792-2756

Contractor: license # 6333
 name DaMac Drilling, Inc.

Website Geologist Francis Whisler
 Phone (913) 483-3020

PURCHASER Koch

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

1-18-85... 1-24-85... 3-11-85...
 Spud Date Date Reached TD Completion Date

3269' LTD 3214'
 Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 211 feet

Multiple Stage Cementing Collar Used? ☒ Yes ☐ No

If Yes, Show Depth Set 882 feet

If alternate 2 completion, cement circulated
 from 882 feet depth to surface w/ 140 SX cmt

API NO. 15- 167-22,554
County Russell
 100' E of
 SW. NE. NW. Sec. 8 Twp. 12 Rge. 15 X West
 (location)

4290 Ft North from Southeast Corner of Section
 3530 Ft West from Southeast Corner of Section
 (Note: locate well in section plat below)

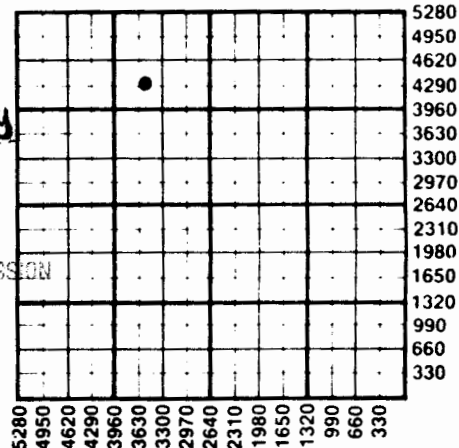
Lease Name Oswald **Well#** 24

Field Name Fairport

Producing Formation Shawnee & L-KC

Elevation: Ground 1828 KB 1836

Section Plat



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 Wichita, Kansas

WATER SUPPLY INFORMATION

Source of Water:

Division of Water Resources Permit #

☐ Groundwater... Ft North From Southeast Corner and
 (Well) ... Ft. West From Southeast Corner of
 Sec Twp Rge ☐ East ☐ West

☒ Surface Water... 2640 Ft North From Southeast Corner and
 (Stream, Pond etc.)... 5280 Ft West From Southeast Corner
 Sec 5 Twp 12 Rge 15 ☐ East ☒ West

☐ Other (explain) _____
 (purchased from city, R.W.D.#)

Disposition of Produced Water: ☐ Disposal ☒ Repressuring

Docket # E-11,344

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. Rules 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.

98709

Operator Name Energy Reserves Group Lease Name Oswald Well# 24 SEC 8 TWP 12 RGE 15 ☐ 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
Samples Sent to Geological Survey
Cores Taken

☐ Yes ☒ No
☒ Yes ☐ No
☐ Yes ☒ No

Formation Description
☒ Log ☐ Sample

Name	Top	Bottom
Anhydrite	861	900
Grandhaven Lime	2334	
Dry Shale	2343	
Dover Lime	2367	
Langdon Shale	2370	
Tarkio Lime	2406	
Willard Shale	2432	
Elmont Lime	2460	
Howard Lime	2595	
Topeka Lime	2646	
Heebner Shale	2870	
Toronto Lime	2890	
Douglas Shale	2905	
Lansing-Kansas City	2924	
Base of Kansas City	3176	
Granite Wash	3216	
Total Depth	3269	

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	211	50/50 poz.	140.2ge	3cc. 1# flocele
Production.....	7-7/8"	5-1/2"	14	3268	lite	100	1# flocele
					50/50 poz.	200.2gel. 10	salt .75 CFR-2
Stage Collar...		5-1/2"	14	882	lite	140	1# flocele

PERFORATION RECORD

shots per foot specify footage of each interval perforated

Acid, Fracture, Shot, Cement Squeeze Record

(amount and kind of material used)

Depth

4	3222-24, 3140-43, 3116-18	Ac. each interval w/1000 gals. 15% NE.	
	3021-27, 2951-56, 2892-97		
2	2970-80, 2925-36, 2844-50		

WELL LOG X

Company: Energy Reserves Group

Sec: 8 T. 12S R. 15W

Farm: Oswald No. 24

Loc. 100' E of C/SW, NE, NW

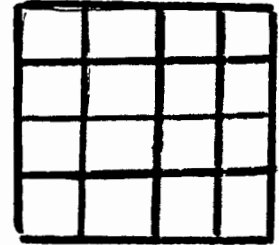
Total Depth: 3269

County: Russell, Kansas

Comm. 1-18-85 Comp. 1-25-85

Contractor: DaMac Drilling Inc.

Casing: 8 5/8 set @ 211



Elevation:

Production: 5 1/2 set @ 3268

Figures Indicate Bottoms of Formations

Postrock, Sand, Shale	0	to	211
Shale and Sand	211	to	863
Anhydrite	863	to	900
Shale and Sand	900	to	980
Shale and Lime	980	to	3269 RTD

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APR 26 1985
CONSERVATION DIVISION
Wichita, Kansas

State of Kansas
County of Barton } KS

I, Elizabeth Miller of DaMac Drilling Inc.

upon oath state the above and foregoing is true and correct copy of the log of the
#24 Oswald well.

Elizabeth Miller