

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 # 6015
Name Cambria Corporation
Address P. O. Box 1065
City/State/Zip Great Bend, KS 67530

Purchaser.....

Operator Contact Person Robert D. Dougherty
Phone 316-793-9055

Contractor: License # 5122
Name Woodman-Jannitti Drlg. Co.

Wellsite Geologist Bob Dougherty
Phone (316) 793-9055

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

8-6-85 8-15-85 9-3-85
Spud Date Date Reached TD Completion Date
3526' 3510'
Total Depth PBT

Amount of Surface Pipe Set and Cemented at 263 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

API NO. 15-009-23,977-0000

County Barton

150'E N 1/2 NE SW Sec. 32 Twp. 20s Rge. 11 East West

2310 Ft North from Southeast Corner of Section
3150 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

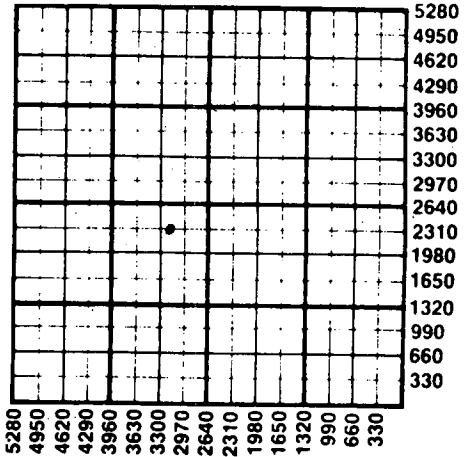
Lease Name Kowalsky Well # 1

Field Name Kowalsky

Producing Formation.....

Elevation: Ground 1797 KB 1802

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal Repressuring
Docket #

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

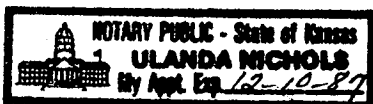
Other (explain) Kurt A. Rujan, Rt. #2 Erinwood KS 67526 (purchased from city, R.W.D. #)

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.

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 Robert D. Dougherty
Robert D. Dougherty
Title Geologist Date 11-12-85

Subscribed and sworn to before me this 12th day of November 1985.
Notary Public Ulanda Nichols
Date Commission Expires 120-10-87



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)

RECEIVED
STATE CORPORATION FORM ACO-1 (17-84)

NOV 14 1985

Sec. 32 Twp 20 Rge 11 W

Operator Name Cambria Corporation Lease Name Kowalsky Well # 1

Sec. 32 Twp. 20s Rge. 11w East West County Barton

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	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Formation Description <input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Cores Taken	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
DST #1 3260-3290 (30''-60''-90''-90'')	Recovered: 360' Gas in Pipe 45' SO&GCM		Name Top Bottom
ISIP: 81# IFP: 51-51#			Anhydrite 562
FSIP: 61# FFP: 51-51#			Base Anhydrite 582
			Heebner 2996
			Toronto 3011
			Douglas 3026
			Brown Lime 3120
			Lansing 3138
DST #2 3367-3396 (30''-90''45''-90'')	Rec.: 660' Gas in Pipe		Base K. C. 3372
ISIP: 539# IFP: 71-71#	200' Very gassy oil cut mud		Conglomerate 3373
FSIP: 428# FFP: 112-112#			Viola Not Present
			Simpson 3378
			Arbuckle 3391
			Rotary T. D. 3526
DST #3 3395-3406 (30''-90''-90''-90'')	Rec.: 1550' Gas		Log T. D. 3527
ISIP: 719# IFP: 40-51#	62' Slightly Muddy Gassy Oil		Log by Welex
FSIP: 479# FFP: 91-102#	248' Gassy Oil		Dual Guard - FoRxo
			Comp. Density - Neutron

Continued on Page 2

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> 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"	23#	263	Common	180	3% cc 2% Gel
Production	7 7/8"	5 1/2"	14#	3525	Posmix	150	10% Salt+CFR-2
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
4	3392-3400, 3403-07, 3410-20, 3431-34, & 3437-42			A/1500			
2	3270-76			A/750			
TUBING RECORD				Liner Run	<input type="checkbox"/> Yes <input type="checkbox"/> No		
Date of First Production	Producing Method						
None	<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input checked="" type="checkbox"/> Other (explain) Temp. Abandoned						
Estimated Production Per 24 Hours	Oil Bbls	Gas MCF	Water Bbls	Gas-Oil Ratio	Gravity		

METHOD OF COMPLETION Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify)
 Used on Lease Dually Completed
 Commingled

SUPPLEMENT TO ACO-1 Well History

-----Cambria Corporation
#1 Kowalsky
150' E N $\frac{1}{2}$ NE SW
Sec. 32-20s-11w
Barton County, Kansas

Page 2 - Drill Stem Tests Taken - Continued

DST #4 3411-3420 (30''-90''-30''-60'')

Rec.: 80' Very slightly oil cut mud
ISIP: 948# IFP: 71-71#
FSIP: 828# FFP: 81-81#

DST #5 3414-3440 (30''-60''-15''-45'')

Rec.: 45' Very slightly oil cut mud
ISIP: 709# IFP: 61-61#
FSIP: 579# FFP: 61-61#

RECEIVED
STATE CORPORATION COMMISSION

NOV 7 1965

STATE CORPORATION COMMISSION
TOPEKA, KANSAS