

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 # 6272
Name Corie Oil Company
Address P. O. Box 534
City/State/Zip Russell, KS. 67665

Purchaser KOCH OIL COMPANY
Wichita, Ks.

Operator Contact Person Carroll Mudd
Phone (913) 483-6006

Contractor: License # 8241
Name Emphasis Oil Operations

Wellsite Geologist Blond Farmer
Phone 913-483-3095

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
8/13/85 8/20/85 9-20-85
Spud Date Date Reached TD Completion Date
3410' RTD
Total Depth PBTD
Amount of Surface Pipe Set and Cemented at 502 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. 15-167-22,650-00-00
County Russell
S/2 SE SE Sec 22 Twp 13 Rge 15 East West

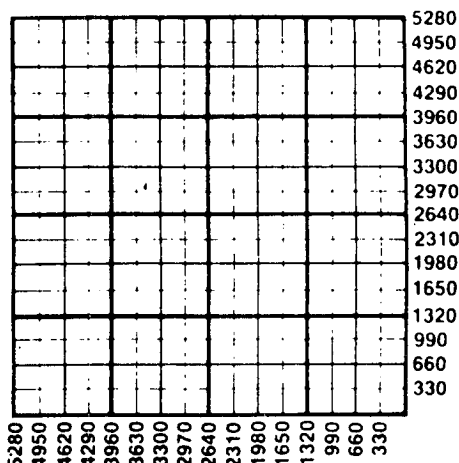
330 Ft North from Southeast Corner of Section
660 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Lease Name Harmon Well # 1
Field Name Lacey Extension Gorham

Producing Formation Lansing Kansas City

Elevation: Ground 1888 KB 1893

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 100 Ft North from Southeast Corner
(Stream, pond etc) 420 Ft West from Southeast Corner
Sec 22 Twp 13 Rge 15 East West
 Other (explain).....
(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 [Signature] President
Date 10-16-85

Subscribed and sworn to before me this 16 day of October 1985
Notary Public [Signature]

Date Commission Expires 5-24-88

K.C.C. OFFICE USE ONLY
 Letter of Confidentiality Attached
 Wireline Log Received
 Drillers Timelog Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other (Specify)

RECEIVED
STATE CORPORATION COMMISSION

OCT 17 10-17-1985

Sec. 22 Twp 13 Rge 15

Operator Name Corie Oil Company Lease Name Harmon Well # 1
 Sec. 22 Twp. 13 Rge. 15 East West County Russell

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

Formation Description
 Log Sample

DST #1 - 3035-3100
 1st Open - Strong 9" Blow
 2nd Open - Weak 1-1/2" Blow
 Recovered 60' of Slightly Gassy Oil Specked Mud
 Recovered 180' of Watery Mud

 DST #2 : 3296 - 3336'
 1st Open - Strong 18" Blow
 2nd Open - Fair 4"

 Recovered 90' of Oily cut watery mud (10% oil/25% water/65% mud.)
 Recovered 240' of Muddy Water (Trace Oil/75% water/25% mud)

Name	Top	Bottom
Anhydrite	952	+941
Base Anhydrite	989	+904
Topeka	2780	-887
Heebner	3004	-1111
Toronto	3025	-1132
Lansing KC	3058	-1165
Base KC	3301	-1408
Arbuckle	3319	-1426
TD	3412	-1519

CONFIDENTIAL: RELEASED

JAN 21 1987

FROM CONFIDENTIAL

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"	24	502	60/40poz	225	3%cc, 2%gel
Production	7-7/8"	5-1/2"	15	3411	Common	150	10% salt
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	3363 1/2 - 64			9250 gal. Acid		3086 - 3375	
3	3325 - 28						
3	3325 1/2 - 28 1/2						
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Size 2-1/2"		Set At 3340		Packer at 3340			
Date of First Production		Producing Method					
9-20-85		<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....					
Estimated Production Per 24 Hours	Oil Bbls	Gas MCF	Water Bbls	Gas-Oil Ratio	Gravity		
	10	-0-	25	--	34.5 CFPB		

METHOD OF COMPLETION

Production Interval

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

15-167-22650-00-00

EMPHASIS OIL OPERATIONS

P. O. Box 506
Russell, KS 67665

DRILLERS LOG

OPERATOR: Corie Oil Company
Box 534
Russell, KS 67665

CONFIDENTIAL

CONTRACTOR: Emphasis Oil Operations
Box 506
Russell, KS 67665

LEASE: Harmon WELL #1

LOCATION: S/2 SE SE
Section 22-13S-15W
Russell County, Kansas

Log Total Depth: 3413'

Rotary Total Depth: 3410'

Commenced: 8/13/85

Casing: 8-5/8" @ 502' w/225 sks cement
5-1/2" @ 3409' w/150 sks cement

OCT 21 1985
State Geological Survey
WICHITA BRANCH

Elevation:
Completed: 8/20/85

Status: Oil Well

DEPTHS & FORMATIONS

(All measurements from K.B.)

Top soil & Post rock	80'	Anhydrite	988'
Shale	412'	Shale	1880'
Iron Pyrite & Sand	460'	Shale & Lime	3100'
Shale	530'	Lime	3210'
Sand	585'	Lime & Shale	3280'
Sand & Shale	950'	Lime (R.T.D.)	3410'

RELEASED

JAN 21 1987

FROM CONFIDENTIAL

STATE OF KANSAS)
 ss
COUNTY OF RUSSELL)

Kyle B. Branum, of Emphasis Oil Operations, states that the above and foregoing is a true and correct log of the above captioned well, to the best of his knowledge.

Kyle B. Branum

Kyle B. Branum

Subscribed and sworn to before me this 22nd of August, 1985.

My Commission Expires: July 29, 1989.

PATRICIA L. SCHAWO
NOTARY PUBLIC
STATE OF KANSAS
MY APPT. EXPIRES 7/29/89

RECEIVED
STATE CORPORATION COMMISSION

Patricia L. Schawo

Patricia L. Schawo, Notary Public

OCT 17 1985
CONSERVATION DIVISION
Wichita, Kansas