

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 NCRA
Box 1167, McPherson, Kansas

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 OMWO: old well info as follows:
Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
11/19/85 11/27/85 12-21-85
Spud Date Date Reached TD Completion Date
3861 LTD.
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 809 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
Cement Company Name
Invoice #

API NO. 15-051-24-332-00-00

County Ellis

NE SE NE 26 13 20 East
Sec Twp Rge X West

3630 Ft North from Southeast Corner of Section
330 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

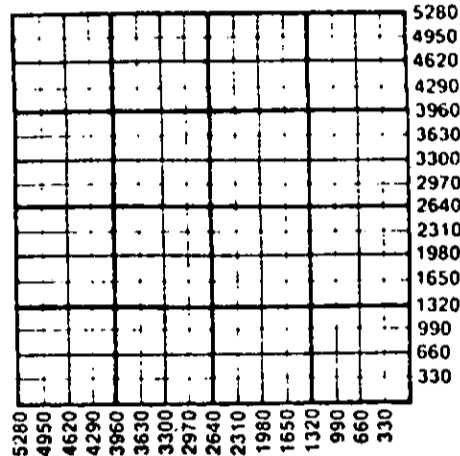
Lease Name Herman "A" Well # 2

Field Name Irvin

Producing Formation Arbuckle

Elevation: Ground 2161 KB 2166

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # Repressuring

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 400 Ft North from Southeast Corner (Stream, pond etc) 640 Ft West from Southeast Corner Sec 8 Twp 12 Rge 20 East X 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 *Carroll Mudd*

Title President Date 3-11-86

Subscribed and sworn to before me this 11th day of March 1986

Notary Public *Sheryl L. Bell*

Date Commission Expires 5-24-88

STATE CORPORATION COMMISSION

MAR 13 1986

CONSERVATION DIVISION
Wichita, Kansas

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

Form ACO-1 (7-84)

Sec 24 Twp 13 Rge 20

Operator Name Corie Oil Company Lease Name..... Herman 'A' Well #..... 2

Sec. 26 Twp. 13 Rge. 20 East West County..... Ellis

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 #1-3400 - 3460
 1st Open: Weak blow, building to 2"
 2nd open: Weak blow, building to 2"
 IFP -81PSI
 FFFP: 81 PSI
 ISIP: 132 PSI
 SIFP: 81 PSI
 FSIP: 132 PSI
 Recovered 20' of Oil spotted mud ; heavy oil spots on top of tool; less than 1% oil.
 DST #2: 3595-3665
 1st Open: Fair Blow, building to 10"
 2nd Open: Fair blow, building to 10"
 IFP: 81 PSI
 FFFP: 91 PSI
 ISIP: 581 PSI
 SIFP: 102 PSI
 SFFP: 122 PSI
 FSIP: 561 PSI
 Recovered 180' gas in pipe, 60' oil cut mud

Name	Top	Bottom
Anhydrite	1479	+687
Base Anhydrite	1516	+650
Topeka	3169	-1003
Heebner	3406	-1240
Toronto	3430	-1264
Lansing KC	3449	-1283
Base KC	3722	-1556
Marmaton	3742	-1576
Arbuckle	3800	-1634
Total Depth	3861	-1594

DST #3: 3735-3765
 IFP: 30 PSI
 FFFP: 30 PSI
 ISIP 408 PSI
 SIFP: 51 PSI
 SFFP: 51 PSI
 Recovered 30' oil spotted mud, less than 1% oil

CASING RECORD <input type="checkbox"/> New <input checked="" 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	20	809	60/40 POZ	300	3%CC, 2%BEI
Production	7-7/8	5-1/2	15	3859	Common	175	10% salt

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	
Shots Per Foot	Specify Footage of Each Interval Perforated		Depth
2	3802-3808 (13 shots)	RELEASED	
		APR 17 1987	
		FROM CONFIDENTIAL	

TUBING RECORD	Size	Set At	Packer at	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
	2-1/2	3778.28		

Date of First Production Producing Method Flowing Pumping Gas Lift Other (explain).....

Estimated Production Per 24 Hours	Oil Bbls	Gas MCF	Water Bbls	Gas-Oil Ratio CFPB	Gravity
	24		-0-		38.5

METHOD OF COMPLETION Production Interval

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

Operator Name Corie Oil Company Lease Name..... Herman 'A' Well #..... 2

Sec. 26 Twp. 13 Rge. 20 East West County..... Ellis

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

Name	Top	Bottom
	1479	+687
		+650

The results of DST #4 are as follows:

DST #4: 3793-3803
1st open: Very strong blow, off bottom of bucket in 2 minutes.
2nd open: Strong Blow, off bottom of bucket in 8 minutes
IFP: 81 PSI
FFP: 112 PSI
ISIP: 1197 PSI
SIFP: 163 PSI
SFFP: 204 PSI
FSIP: 1053 PSI

RELEASED

APR 17 1987

FROM CONFIDENTIAL

Temperature: 107°
Recovered: 510' gas in pipe
270' clean gassy oil (30% gas/70% oil)
240' Very heavy muddy cut oil (20% mud/30% gas/50% oil)

Recovered 30' oil spotted mud, less than 1% oil

SIFP: 102 PSI
SFFP: 122 PSI
FSIP: 561 PSI
Recovered 180' gas in pipe, 60' oil cut mud

CASING RECORD <input type="checkbox"/> New <input checked="" 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 .....	... 20 .....	... 809 .....	... 60/40 POZ .....	... 300 .....	... 3% cc, 2% gel
... Production .....	... 7-7/8 .....	... 5-1/2 .....	... 15 .....	... 3859 .....	... Common .....	... 175 .....	... 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
..... 2 .....	..... 3802-3808 .....	..... (13 shots) .....	.....

TUBING RECORD	Size	Set At	Packer at	Liner Run	<input type="checkbox"/> Yes <input type="checkbox"/> No
	2-1/2	3778.28			

Date of First Production Producing Method Flowing Pumping Gas Lift Other (explain).....

Estimated Production Per 24 Hours	Oil Bbls	Gas MCF	Water Bbls	Gas-Oil Ratio CFPB	Gravity
	24		-0-		38.5

METHOD OF COMPLETION

Production Interval

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

EMPHASIS OIL OPERATIONS

P. O. Box 506
Russell, KS 67665

15-051-24332-00-00
DRILLERS LOG

OPERATOR: Corie Oil Company
Box 534
Russell, KS 67665

CONTRACTOR: Emphasis Oil Operations
Box 506
Russell, KS 67665

LEASE: Herman "A"

WELL #2

LOCATION: NE SE NE
Section 26-13S-20W
Ellis County, Kansas

~~CONFIDENTIAL~~

Log Total Depth: 3861'

Rotary Total Depth: 3855'

Commenced: 11/19/85

Casing: 8-5/8" @ 809' w/300 sks cement
5-1/2" @ 3859' w/175 sks cement

Elevation: 2166' K.B.

Completed: 11/27/85

Status: Oil Well

DEPTHS & FORMATIONS

(All measurements from K.B.)

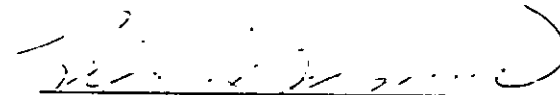
Clay & Shale	810'	Shale & Lime	3404'
Shale	938'	Lime & Shale	3490'
Cedar Hills Sand	1170'	Lime	3665'
Shale	1469'	Shale & Lime	3791'
Anhydrite	1513'	Lime (R.T.D.)	3855'
Shale	3273'		

MAR 17 1985
State Geologist
WICHITA BRANCH


RELEASED
APR 17 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

Subscribed and sworn to before me this 6th of December, 1985.
My Commission Expires: July 29, 1989.


Patricia L. Schawo, Notary Public

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

STATE COMMISSION
MAR 13 1986
CONSERVATION DIVISION
Wichita, Kansas