

ORIGINAL

SIDE ONE

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

API NO. 15- 107-23, 260 0990
County Linn County, Kansas

SW NE ~~SE~~ NW Sec. 16 Twp. 23 Rge. 22 XX East West

3,450 Ft. North from Southeast Corner of Section

3,050 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

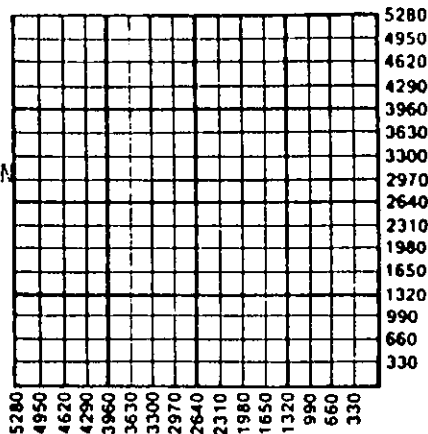
Lease Name Murrow Well # 18

Field Name WC

Producing Formation Bartlesville

Elevation: Ground _____ KB _____

Total Depth 670 PBD 670



Amount of Surface Pipe Set and Cemented at 20 Feet

Multiple Stage Cementing Collar Used? Yes XX No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from Sfc.

feet depth to 645 675 w/ 79 78 sx cmt.

Operator: License # 3449

Name: Coen Energy Corporation

Address 2805 East Skelly Drive
Suite 803

City/State/Zip Tulsa, OK 74105

Purchaser: Crude Marketing

Operator Contact Person: David S. Coen

Phone (918) 747-8828

Contractor: Name: Town Oil

License: 6142

Wellsite Geologist: ----

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD Temp. Abd.

Gas Inj Delayed Comp.

Dry Other (Core, Water Supply, etc.)

If OWMO: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:

Mud Rotary Air Rotary Cable

1-18-91 1-22-91 1-25-91

Spud Date Date Reached TD Completion Date

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STATE CORPORATION COMMISSION
KANSAS

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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 D. S. Coen

Title President Date 4/2/91

Subscribed and sworn to before me this 2nd day of April, 1991

Notary Public Maell Richardson

Date Commission Expires 2-6-95

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)

91

SIDE TWO

Operator Name Coen Energy Corporation Lease Name Murrow Well # 18

Sec. 16 Twp. 23 Rge. 22 East West
 County Linn County, Kansas

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
 (Attach Additional Sheets.)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No
 (Submit Copy.)

Formation Description

Log Sample

Name	Top	Bottom
Kansas City	50	70
Fort Scott	425	460
Bartlesville	645	652

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
Sfc.	7.75	6.25	20	20'	Portland A	3	None
Prod.	5.25	2.875	6.4	645	"	76	"

Shots Per Foot	PERFORATION RECORD Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
2	645-652	3200# 10/20 & 8/12	645

TUBING RECORD

Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First Production _____ Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours Oil 10 Bbls. Gas 0 Mcf Water 0 Bbls. Gas-Oil Ratio _____ Gravity 23

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION Open Hole Perforation Dually Completed Commingled Other (Specify) _____

Production Interval 645-652

CHASE DRILLING

ORIGINAL

Well No. _____ Location _____
 Operator COEN ENERGY Address _____
 Lease ~~BRADLEY~~ County LINN
 Contractor MICHAEL CHASE Casing 674' 2⁷/₈ upset tubing
seating nipple 642

DEPTH		FOOTAGE	DESCRIPTION
from	to		
0	20	20	Surface Casing
20	38	18	Lime
38	46	8	Shale
46	50	4	Lime
50	53	3	Shale
53	67	14	Lime
67	73	5	Shale
73	102	29	Lime Shale Streaks
102	201	99	Shale
201	205	4	Sand
205	256	51	Shale
256	271	15	Sand
271	290	19	Lime
290	297	7	Shale
297	304	7	Sand
304	356	52	Shale
356	370	14	Lime
370	379	9	Shale
379	389	7	Lime
386	426	40	Shale Sandy Shale
426	445	19	Lime
445	454	9	Dark Shale
454	459	5	Lime
459	559	100	Shale
559	561	2	Lime
561	644	83	Shale
644	645	1	Oil Sand Good Show Odor
645	650	5	Oil Sand Good Show
650	651	1	Oil Sand Good Show Shale
651	653	2	Sandy Shale Some Odor Some Oil Sand
653	654	1	Sandy Shale
654	656	2	Oil Sand Good Show Odor
656	657	1	Sandy Shale
657	660	3	Dark Oil Sand
660	662	2	Dark Shale Coal
662	680		Shale
680	T.D.		

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CONSERVATION DIVISION
 Wichita, Kansas

STATION Chanute OPERATOR Randy Ellis

Ticket 83512

CONSOLIDATED OIL WELL SERVICES, INC. | P.O. Box 884
Chanute, Kansas 66720
Phone (316) 431-9210

Date	Customer's Acct. No.	Sec.	Twp.	Range	Well No. & Farm	Place or Destination
1-22-91	1869	9	23	22	Murrow #18	2 S. Blue Mound
Charge To			Owner			County
Coen Energy			To Dave Coen			Linn
Mailing Address			Contractor			State
2805 E. Skelly Dr. #803						Ks
City & State			Well-Owner Operator Contractor			
Tulsa, OK 74105						

CEMENTING SERVICE DATA

TYPE OF JOB	CASING	HOLE DATA	PLUGS AND HEAD	PRESSURE	CEMENT LEFT IN CASING
Surface	New	Bore Size	Bottom	Circulating	Requested
Production	Used	5 1/4	Rubber Plug	250	
Squeeze	Size	Total Depth	Top	Minimum	Necessity
	2 7/8		B.V.	100	
Pumping	Weight	Cable Tool	Head	Maximum	Measured
			FLOAT EQUIPMENT	750	✓
Other	Depth	Rotary	Float Shoe	Sacks Cement	
	675			78	
	Type			Type & Brand	
				Portland A	
				Admixes	
				2% Del	
				2 Del ahead	

FRACTURING - ACIDIZING SERVICE DATA

Type of Job	At Intervals of				
Bbls Fracturing Fluid	Breakdown Pressure from	psi to	psi		
Treating Pressures: Maximum	psi	Minimum	psi	Avg. Pump Rate	GPM/BPM
Sand	Gals. Treating Acid	Type		Open Hole Diameter	
Well Treating Through: Tubing	Casing	Annulus	Size	Weight	
Remarks:					
No. Perforations	Pay Formation Name	Depth of Job			Ft.

CEMENTING INVOICE SECTION FRACTURING - ACIDIZING

CEMENTING	INVOICE SECTION	FRACTURING - ACIDIZING
Pumping Charge	Office Use	Pumping Charge
1-Cement	\$ 358.75	Office Use
78 Sacks Bulk Cement	@ 4.61	12x30 Sand
Ton Mileage on Bulk Cement	58 @ 64.1	10x20 Sand
47 Premium Gel	@ 1301	x Sand
Flo-Seal	@	Ton Mileage
Calcium Chloride	@	Gals., Acid
1 Plug 2 7/8	@ 44.3	Chemicals
Equipment	@	Potassium Chloride
	@	Rock Salt
	@	Water Gel
Granulated Salt	@	Transport Truck (Hrs.)
Transport Truck (Hrs.)	@	Vac Truck (Hrs.)
Vac Truck (3 1/2 Hrs.)	@ 154.00	
	@	
	Tax	Tax
	23.39	
	Total	Total
	\$ 1059.74	\$

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Wichita Kansas

Ice Charge computed at 1 1/4% per month percentage rate of 21% will be added to for 30 days.

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