

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

API NO. 15- 065-227710000

County GRAHAM

S/2S/2 - NW Sec. 31 Twp. 7S Rge. 24 X ^E W

2970 Feet from S (circle one) Line of Section

3960 Feet from E (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE (SE, NW or SW (circle one))

Lease Name CUMMINGS Well # 4-31

Field Name Dripping Springs NE

Producing Formation Kansas City

Elevation: Ground 2465' KB 2470

Total Depth 4020' PBTB

Amount of Surface Pipe Set and Cemented at 240 Feet

Multiple Stage Cementing Collar Used? X Yes No

If yes, show depth set 2220 Feet

If Alternate II completion, cement circulated from 2220
feet depth to Surface w/ 400 sx cmt.

Drilling Fluid Management Plan ALT 2 JH 1-7-97
(Data must be collected from the Reserve Pit)

Chloride content 550 ppm Fluid volume 1,285 bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite:

Operator Name

Lease Name License No.

 Quarter Sec. Twp. S Rng. E/W

County Docket No.

Operator: License # 4197

Name: DUNNE OIL CO.

Address 100 S. MAIN ST.

SUITE 410

City/State/Zip WICHITA, KS 67202

Purchaser:

Operator Contact Person: STEVE DUNNE

Phone (316) 267-3448

Contractor: Name: Murfin Drilling Company, Inc.

License: 30606

Wellsite Geologist: PAT DEENIHAN

Designate Type of completion
 New Well Re-Entry Workover

Oil SWD SIOW Temp. Abd.

Gas ENHR SIGW

Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows:

Operator:

Well Name:

Comp. Date Old Total Depth

Deepening Re-perf. Conv. to Inj/SWD

Plug Back PBTB

Commingled Docket No.

Dual Completion Docket No.

Other (SWD or Inj?) Docket No.

06/12/96 06/19/96 06/19/96
Spud Date Date Reached TD Completion Date

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 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 geologist well report 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.

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]
Title President Date 7/16/96

Subscribed and sworn to before me this 16 day of July 1996

Notary Public Nancy G. Thelman
Date Commission Expires 2-7-98



K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution
 KCC SWD/Rep NGPA
 RGS Plug Other
KANSAS CORPORATION COMMISSION (Specify)
JUL 17 1996

JUL 17 1996
CONSERVATION DIVISION
WICHITA, KS

15-065-22771-00-00

ORIGINAL

SIDE TWO

Operator name DUNNE OIL CO.

Lease Name CUMMINGS Well # 4-31

Sec. 31 Twp. 7S Rge. 24
 East
 West

County GRAHAM

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 (Attach Additional Sheets.)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datums	<input type="checkbox"/> Sample	
Samples Sent to Geological Survey	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Anhydrite	2166	+304
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Heebner	3718	-1248
List All E.Logs Run:	Compensated Density, Neutron, Dual Induction RADIATION GUARD		Lansing	3753	-1283
			BKC	3968	-1498

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
Production	7 7/8"	5 1/2"	14*	4019'	AFC	125	
Surface	12 1/4"	8 5/8"	20*	249'	60/40 Poz	175	3% gel, 2% cc

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose: _ Perforate _ Protect Csg _ Plug Back TD _ Plug Off Zone	Depth Top/Btm	Type of Cement	# Sacks Used	Type and Percent Additives

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated		Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth	
	3	3919-	3922	250 gals Mud Acid
3	3881-	3886	250 gals Mud Acid	

TUBING RECORD	Size <u>2 3/8"</u>	Set At <u>3963</u>	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj. <u>7/03/96</u>	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other			
Estimated Production Per 24 Hours	Oil Bbbs <u>40</u>	Gas Mcf	Water Bbbs	Gas-Oil Ratio Gravity

Disposition of Gas:

METHOD OF COMPLETION

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

RECEIVED
 KANSAS CORPORATION COMMISSION
 JUL 17 1996
 JUL 17, 1996
 CONSERVATION DIVISION
 WICHITA, KS

Production Interval 3881 - 3922'

DSTs

#4-31 CUMMINGS
S/2 S/2 NW
Sec. 31-7S-24W
GRAHAM COUNTY, KS

OPERATOR: DUNNE OIL CO.
CONTRACTOR: MURFIN DRILLING CO.
WELLSITE GEOLOGIST: PAT DEENIHAN

API#: 15-065-22,771

DST #1:

3766-3788; **Lansing B Zone**; 30-45-30-60; BOB in 3 Minutes, 2.5" Blowback 1st
Shut in.

RECOVERED: 305' GIP, 30' Oil, 152' OCMW (20% Oil, 70%W, 10%M), 1038' GSYSW
(2%G, 98%W).

SIPs: 1254-1254, IFPs 125-366, FFPs 502-533. CHL 78,000 PPM.

DST #2:

3814-3829; **Lansing F Zone**; 30-45-30-60;

RECOVERED: 240' GIP, 190' CGO, 61' OCWM (40% Oil, 20%W, 40%M), 61' M&OCW
(30%O,60%W, 10%W).

SIPs: 1181-1181, IFPs 83-83, FFPs 156-156.

DST #3:

3850-3885; **Lansing H Zone**; 30-45-60-60;

RECOVERED: 2820' GIP, 180' CGO, 42 Gravity, 6' GOCM (25% O, 25% G, 50%M), 60'
G&OCWM (20%O,20%G, 45%M, 15%W).

SIPs: 261-261, IFPs 73-73, FFPs 104-104. CHL 16,000 PPM

DST #4:

3884-3922; **Lansing J Zone**; 30-45-60-60;

RECOVERED: 300' GIP, 10' CGO, 60' MCO (55% Oil, 45%M).

SIPs: 177-253, IFPs 52-52, FFPs 73-73. **NOTE:** 3/4" Blow first Open, 5" Blow second
Open.

RECEIVED
KANSAS CORPORATION COMMISSION

JUL 17 1996
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CONSERVATION DIVISION
WICHITA, KS

ALLIED CEMENTING CO., INC.

6831

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

ORIGINAL SERVICE POINT

DATE <u>6-19-96</u>	SEC.	TWP.	RANGE	CALLED OUT <u>9:00 pm</u>	ON LOCATION <u>3:45 am</u>	JOB START <u>7:00 am</u>	JOB FINISH <u>7:40 am</u>
LEASE <u>Leasing</u>	WELL # <u>4-31</u>	LOCATION <u>Marcel 3N 1/2E 1/2SE</u>			COUNTY <u>Graham</u>	STATE <u>KS</u>	

OLD OR NEW (Circle one)

CONTRACTOR Munlin

TYPE OF JOB Production String

HOLE SIZE 7/8 T.D. 4020

CASING SIZE 5/2 DEPTH 4035

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL Port Collar DEPTH 2215

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT 15.10

CEMENT LEFT IN CSG.

~~RETES~~ Displaced 9 1/2 bbls

OWNER _____

CEMENT

AMOUNT ORDERED 150 ASC

500 gal mud flush

COMMON	@	_____	_____
POZMIX	@	_____	_____
GEL	@	_____	_____
CHLORIDE	@	_____	_____
<u>150 ASC</u>	@	<u>785</u>	<u>1172.50</u>
<u>500 gal WFR2</u>	@	<u>100</u>	<u>500.00</u>
_____	@	_____	_____
_____	@	_____	_____
HANDLING	@	<u>105</u>	<u>157.50</u>
MILEAGE <u>6.8 mi</u>	@	<u>.84</u>	<u>408.00</u>
TOTAL			<u>2243.00</u>

EQUIPMENT

PUMP TRUCK CEMENTER Dave

153 HELPER Mark

BULK TRUCK

713 DRIVER Brent

BULK TRUCK

DRIVER

REMARKS:

SERVICE

Float held

[Signature]

DEPTH OF JOB _____

PUMP TRUCK CHARGE _____ 1090.00

EXTRA FOOTAGE @ _____

MILEAGE 6.8 @ 285 193.80

PLUG 5 1/2 Rubber @ _____ 50.00

_____ @ _____

_____ @ _____

TOTAL 1333.80

CHARGE TO: Dunnell

STREET 100 S Main, St # 410

CITY Wichita STATE Kan ZIP 67202

(Baker) FLOAT EQUIPMENT

<u>28 scratchers</u>	_____	<u>53.00</u>	<u>1484.00</u>
<u>5 1/2 Guide Shoe</u>	@	_____	<u>168.00</u>
<u>Insert</u>	@	_____	<u>263.00</u>
<u>Port Collar</u>	@	_____	<u>2340.00</u>
<u>6 cont.</u>	@	<u>56.00</u>	<u>336.00</u>
<u>2 baskets</u>	@	<u>142.00</u>	<u>284.00</u>
TOTAL			<u>4875.00</u>

RECEIVED
KANSAS CORPORATION COMMISSION

JUL 17 1996
JUL 17, 1996
CONSERVATION DIVISION
WICHITA, KS

To Allied Cementing Co., Inc.
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

SIGNATURE [Signature]

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

ALLIED CEMENTING CO., INC.

15-065-22771-00-00

6998

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

ORIGINAL

SERVICE POINT:

Russell

DATE <u>6-12-96</u>	SEC. <u>31</u>	TWP. <u>7</u>	RANGE <u>24</u>	CALLED OUT	ON LOCATION <u>6 PM</u>	JOB START	JOB FINISH <u>7:45 PM</u>
LEASE <u>Cummings</u>		WELL# <u>4-31</u>	LOCATION <u>Morland 3N 1 1/2 E 2 S 1/2 E</u>		COUNTY <u>Graham</u>	STATE <u>Kan</u>	

OLD OR (NEW) (Circle one)

CONTRACTOR Murfin

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 250

CASING SIZE 8 3/8 DEPTH 249

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15'

PERFS.

OWNER _____

CEMENT

AMOUNT ORDERED 175 6 3/4 3% CCL 2% Del

COMMON	<u>105</u>	@	<u>610</u>	<u>640.50</u>
POZMIX	<u>70</u>	@	<u>315</u>	<u>220.50</u>
GEL	<u>3</u>	@	<u>950</u>	<u>28.50</u>
CHLORIDE	<u>5</u>	@	<u>2800</u>	<u>140.00</u>
		@		
		@		
		@		
		@		
		@		
HANDLING		@	<u>105</u>	<u>183.75</u>
MILEAGE <u>68m</u>		@	<u>04</u>	<u>476.00</u>
				TOTAL <u>1689.25</u>

EQUIPMENT

PUMP TRUCK CEMENTER McAdoo

177 HELPER Will

BULK TRUCK

213 DRIVER Darin

BULK TRUCK

DRIVER

REMARKS:

SERVICE

Cement Did Cir in Seller

DEPTH OF JOB			
PUMP TRUCK CHARGE			<u>445.00</u>
EXTRA FOOTAGE		@	
MILEAGE <u>68</u>	@	<u>285</u>	<u>193.80</u>
PLUG	@		<u>45.00</u>
	@		
	@		
TOTAL <u>683.80</u>			

CHARGE TO: Dunne Oil Co.

STREET 100 S Main, St. #410

CITY Wichita STATE Kan ZIP 67202

FLOAT EQUIPMENT

	@		
	@		
	@		
	@		
	@		
TOTAL _____			

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CONSERVATION DIVISION
WICHITA, KS

To Allied Cementing Co., Inc.
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TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE Bernad Moya

15-065-22771-00-00

ALLIED CEMENTING CO., INC.

11308

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

ORIGINAL

SERVICE POINT: Oakley

DATE <u>6-27-96</u>	SEC. <u>31</u>	TWP. <u>7</u>	RANGE <u>24</u>	CALLED OUT	ON LOCATION <u>10:45 AM</u>	JOB START	JOB FINISH <u>12:45 PM</u>
LEASE <u>Connors</u>	WELL # <u>4-31</u>	LOCATION <u>Morland 1/4 W-3N-1 1/4 E</u>	COUNTY <u>Graham</u>	STATE <u>KAN</u>	CITY <u>Graham</u>		

OLD OR NEW (Circle one)

CONTRACTOR Mur Fin Dlg Co

TYPE OF JOB Port Collar

HOLE SIZE _____ T.D. _____

CASING SIZE 5 1/2 DEPTH _____

TUBING SIZE 2" DEPTH 2220

DRILL PIPE _____ DEPTH _____

TOOL Port Collar DEPTH 2220'

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

OWNER Same
CEMENT

AMOUNT ORDERED 450 SKS 6040 702
6% Gel 1/2" Flo-Seal
(used 400 SKS)

COMMON	<u>240</u>	SKS @	<u>\$ 10</u>	<u>1,464.00</u>
POZMIX	<u>160</u>	SKS @	<u>3.15</u>	<u>504.00</u>
GEL	<u>28</u>	SKS @	<u>9.50</u>	<u>199.50</u>
CHLORIDE		@		
<u>Flo-Seal 100#</u>		@	<u>1.15</u>	<u>115.00</u>

EQUIPMENT

PUMP TRUCK CEMENTER Walt

102 HELPER Max

BULK TRUCK

305 DRIVER Max

BULK TRUCK

_____ DRIVER _____

HANDLING	<u>450 SKS</u>	@	<u>1.05</u>	<u>472.50</u>
MILEAGE	<u>40 700 SK/mile</u>			<u>1,224.00</u>

TOTAL 3,979.00

REMARKS:

SERVICE

Test Casing @ 1000 psi. Opened
Tool, took rate: 4BPM @ 500 psi
mixed approx SKS cement
circ to surface, displaced
8 BBL water, shut tool, pressure
to 1000 psi, ran 5 hrs, washed
out casing

thub you

DEPTH OF JOB _____

PUMP TRUCK CHARGE _____ 550.00

EXTRA FOOTAGE _____ @ _____

MILEAGE 68-miles @ 2.85 193.80

PLUG _____ @ _____

TOTAL 743.80

CHARGE TO: Duane Oil Co.

STREET 100 S. Main St 440

CITY Wichita STATE Kansas ZIP 67202

FLOAT EQUIPMENT

_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____

TOTAL _____

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WICHITA, KS

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

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SIGNATURE [Signature]