

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

ORIGINAL

API NO. 15- 15-065-22,685-00-00  
County GRAHAM  
150' W C E/2 NW Sec. 31 Twp. 7S Rge. 24 X E

Operator: License # 4197

Name: Dunne Oil Co.

Address 100 S. Main, Suite 410  
Wichita, KS 67202

City/State/Zip \_\_\_\_\_

Purchaser: KOCH

Operator Contact Person: Stephen W. Dunne

Phone (316) 267-3448

Contractor: Name: Murfin Drilling Co., Inc.

License: 30606

Wellsite Geologist: Micheal Dixon

Designate Type of Completion

New Well  Re-Entry  Workover

Oil  SWD  S10W  Temp. Abd.  
 Gas  ENHR  S1GW  
 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  PBSD  
 Commingled  Docket No. \_\_\_\_\_  
 Dual Completion  Docket No. \_\_\_\_\_  
 Other (SWD or Inj?)  Docket No. \_\_\_\_\_

08/10/92 08/16/92 08/27/92  
Spud Date Date Reached TD Completion Date

3960' Feet N (circle one) of Section Line

3450' Feet E (circle one) of Section Line

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

Lease Name CUMMINGS Well # 2-31

Field Name Dripping Springs NE

Producing Formation Lansing "J"

Elevation: Ground 2397 KB 2402

Total Depth 3952 PBSD \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at 242 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set 2143 Feet

If Alternate II completion, cement circulated from 2143

feet depth to Surface w/ 125 sx cmt.

Drilling Fluid Management Plan Blt 2 RD 10-30-92  
(Data must be collected from the Reserve Pit)

Chloride content 2000 ppm Fluid volume 1,050 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. \_\_\_\_\_

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 \_\_\_\_\_

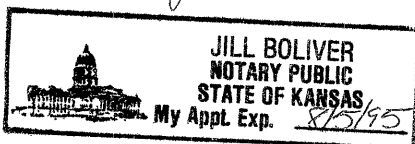
Title President Date 9/22/92

Subscribed and sworn to before me this 22nd day of September, 1992.

Notary Public Jill Boliver

Date Commission Expires Aug 5, 1995

K.C.C. OFFICE USE ONLY  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Geologist Report Received  
RECEIVED STATE CORPORATION COMMISSION SEP 23 1992 SEP 23 1992  
Distribution \_\_\_\_\_ SWD/Rep \_\_\_\_\_ NGPA \_\_\_\_\_ Plug \_\_\_\_\_ Other \_\_\_\_\_ (Specify)



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	2098'	+304
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	HEEBNER	3652	-1250
		Lansing	3692	-1290
		STARK SHALE	3863	-1461
		BKC	3904	-1502

List All E.Logs Run:  
 Dual Induction, Compensated Density Neutron,  
 SP

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	12-3/4	8-5/8ths	20#	242'	60/40 poz	165	2%gel, 3%cc
Production	7-1/2	4-1/2	10.5#	3950.96	BJ Surefill	125	

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type	Acid, Fracture, Shot, Cement Squeeze Record
	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used) Depth
2	3852-3858	250gals Mud Acid, 1,500 gals
		15% NE

TUBING RECORD	Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj.	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)				
<u>08/28/92</u>					
Estimated Production Per 24 Hours	Oil 42 Bbls.	Gas Mcf	Water 4 Bbls.	Gas-Oil Ratio	39 Gravity

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

METHOD OF COMPLETION:  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_

Production Interval \_\_\_\_\_

ORIGINAL

**DST's**

**#2-31 CUMMING**  
**150' W E/2 NW**  
**Sec. 31-7S-24W**  
**GRAHAM COUNTY, KS**

**DST #1:** 3708-3728, Lansing "B" Zone, 30-45-30-60  
**RECOVERED:** 2,130' Salt water w/scum oil.  
IFP 178-670, FFP 804-903, ISIP 1164, FSIP 1210.

**DST #2:** 3737-3765, Lansing "F" Zone, 30-45-60-60  
**RECOVERED:** 435' Salt Water w/Scum of oil. Chl. 44,000  
IFP 62-178, FFP 223-312, ISIP 1300, FSIP 1300.

**DST #3:** 3830-3865, Lansing "J" Zone, 30-45-60-60  
**RECOVERED:** 945' GIP, 285' CGO, 150' Mdy Oil (62% Oil, 38% Mud)  
IFP 116-133, FFP 151-178, ISIP 375, FSIP 357.

RECEIVED  
STATE CORPORATION COMMISSION

SEP 23 1992 SEP 23, 1992

REGULATION DIVISION  
WICHITA, KANSAS



P.O. Box 4442  
Houston, Texas 77001

GRIP

15-065-22685-00-00

# CEMENTING LOG

STAGE NO.

Date 8-22-92 District HAYS Ticket No. 073601

Company Dunne Oil Rig MUK Fin

Lease Cummings Well No. 251

County Graham State KW

Location SW 3/4 NE Morland Field \_\_\_\_\_

CASING DATA: PTA  Squeeze   
Surface  Intermediate  Production  Liner   
Size 4 1/2 Type \_\_\_\_\_ Weight \_\_\_\_\_ Collar \_\_\_\_\_

Casing Depths: Top \_\_\_\_\_ Bottom \_\_\_\_\_

Drill Pipe: Size \_\_\_\_\_ Weight \_\_\_\_\_ Collars \_\_\_\_\_  
Open Hole: Size \_\_\_\_\_ T.D. \_\_\_\_\_ ft. P.B. to \_\_\_\_\_ ft.

CAPACITY FACTORS:  
Casing: Bbls/Lin. ft. .0159 Lin. ft./Bbl. \_\_\_\_\_  
Open Holes: Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
Drill Pipe: Bbls/Lin. ft. .00359 Lin. ft./Bbl. \_\_\_\_\_  
Annulus: Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
Perforations: From \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Amt. \_\_\_\_\_

CEMENT DATA:  
Spacer Type: \_\_\_\_\_  
Amt. \_\_\_\_\_ Sks Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG \_\_\_\_\_

LEAD: Pump Time \_\_\_\_\_ hrs. Type \_\_\_\_\_  
Lite w/ 4 colls Excess \_\_\_\_\_  
Amt. 350 Sks Yield 1.6 ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG \_\_\_\_\_

TAIL: Pump Time \_\_\_\_\_ hrs. Type \_\_\_\_\_  
Excess \_\_\_\_\_  
Amt. \_\_\_\_\_ Sks Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG \_\_\_\_\_  
WATER: Lead \_\_\_\_\_ gals/sk Tail \_\_\_\_\_ gals/sk. Total \_\_\_\_\_ Bbls.

Pump Trucks Used 46029 - Con  
Bulk Equip. 2030 - Stand

Float Equip: Manufacturer \_\_\_\_\_  
Shoe: Type \_\_\_\_\_ Depth \_\_\_\_\_  
Float: Type \_\_\_\_\_ Depth \_\_\_\_\_  
Centralizers: Quantity \_\_\_\_\_ Plugs Top \_\_\_\_\_ Btm. \_\_\_\_\_  
Stage Collars \_\_\_\_\_  
Special Equip. \_\_\_\_\_  
Disp. Fluid Type \_\_\_\_\_ Amt. \_\_\_\_\_ Bbls. Weight \_\_\_\_\_ PPG \_\_\_\_\_  
Mud Type \_\_\_\_\_ Weight \_\_\_\_\_ PPG \_\_\_\_\_

COMPANY REPRESENTATIVE John Gexner

CEMENTER Blue P. Jern

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	
						PORT COLLAR @ 2149. Test 1000 PSI before open tool Establish circulation
						Amount 350 sks Lite w/ 4 colls
						Displace 7 bbls - close tool
						Press to 1000 PSI Run 5 min
						Wash clean, Re-press to 1000
						PSI For 5 minutes / Pull tubing
						Circulated approx 40 sks in pit
						Job Complete at 10:55 AM

RECEIVED  
STATE CORPORATION COMMISSION  
SEP 23 1992  
SEP 23 1992  
Thanks, Carl A. Goin  
REGULATION DIVISION  
Wichita, Kansas

FINAL DISP. PRESS: \_\_\_\_\_ PSI BUMP PLUG TO \_\_\_\_\_ PSI BLEEDBACK \_\_\_\_\_ BBLs. THANK YOU

Form No. SR 0502 (Rev. 3/90)  
Note: Must accompany job ticket