

ORIGINAL

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

Operator: License # 4197

Name: Dunne Oil Co.

Address 100 S. Main, Suite 410

City/State/Zip Wichita, KS 67202

Purchaser: KOCH

Operator Contact Person: Stephen W. Dunne

Phone (316) 267-3448

Contractor: Name: White & Ellis Drilling,

License: 5420

Wellsite Geologist: Raul F. Brito

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:

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. _____

06/24/95 07/04/95 07/31/95

Spud Date Date Reached TD Completion Date

API NO. 15- 101-217060000

County LANE

SW ESE NW Sec. 15 Twp. 19S Rge. 29 E W

2970 Feet from N (circle one) Line of Section

3630 Feet from W (circle one) Line of Section

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

Lease Name CLARK Well # 1-15

Field Name BROUGHTON (ABD)

Producing Formation KANSAS CITY

Elevation: Ground 2823 KB 2828

Total Depth 4623 PBTB _____

Amount of Surface Pipe Set and Cemented at 268 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set 2117 Feet

If Alternate II completion, cement circulated from 2117

feet depth to Surface w/ 275 sx cmt.

Drilling Fluid Management Plan ALT 2 991 8-6-96
(Data must be collected from the Reserve Pt)

Chloride content 9000 ppm Fluid volume 850 bbls

Dewatering method used Evaporation

Location of fluid disposal Off hauled offsite:

Operator Name 400 25 195

Lease Name _____ License No. _____

Quarter SW Sec. _____ Twp. _____ S Rng. _____ E/W

County LANE Docket No. _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, 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 08/24/95

Subscribed and sworn to before me this 24 day of August, 1995.

Notary Public Betty J. Price

Date Commission Expires 9-2-96

K.C.C. OFFICE USE ONLY		
F	<input checked="" type="checkbox"/>	Letter of Confidentiality Attached
C	<input checked="" type="checkbox"/>	Wireline Log Received
C	<input checked="" type="checkbox"/>	Geologist Report Received
Distribution		
<input checked="" type="checkbox"/>	KCC	<input type="checkbox"/> SWD/Rep
<input type="checkbox"/>	KGS	<input type="checkbox"/> Plug
<input type="checkbox"/>		<input type="checkbox"/> NGPA
<input type="checkbox"/>		<input type="checkbox"/> Other
(Specify)		



SIDE TWO

Operator Name DUNNE OIL CO. Lease Name CLARK Well # 1-15.
 Sec. 15 Twp. 19 Rge. 29 East West
 County LANE

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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Anhydrite	2161	+671
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	HEEBNER	3944	-1112
List All E.Logs Run: Radiation Guard Log		LANSING	3986	-1154
		STARK	4274	-1442
		BKC	4355	-1523
		FT SCOTT	4517	-1685
		MISSISSIPPI	4609	-1777

CASING RECORD <input 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"	20#	268'	60/40 poz	165	2%gel, 4%cc
PRODUCTION	7-7/8"	4-1/2"	10.5#	4634	ASC	175	ASC

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 Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	
		Amount	Depth
4/foot	4429-4431	250 gals Mud acid 1500 gals 15% NE	
4/foot	4268-4270.5	250 gals 15% mud acid	
	C.I.B.P. set @4417		

TUBING RECORD	Size 2-3/8"	Set At 4282	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" 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)			
Estimated Production Per 24 Hours	Oil 15 Bbls.	Gas Mcf	Water 35 Bbls.	Gas-Oil Ratio 40

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

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled

Production Interval: Other (Specify) _____

ORIGINAL

DUNNE OIL CO.
#1-15 CLARK
SW SE NW Sec. 15-19S-29W
LANE COUNTY, KS

API # 15-101-21706

DSTs

DST #1: 4168-4195, 140' Zone, 30-45-60-60
RECOVERED: 5' Clean Oil, 85' SOCM (2% Oil, 98% Mud).
SIPs: 816-714, IFP: 40-48, FFP: 73-78, BHT 112. CHL 1,500

DST #2: 4215-4240, 160' Zone, 30-30-30-30
RECOVERED: 20' Oil Specked Mud.
SIPs: 942-896, IFP: 10-10, FFP: 18-18, BHT 112, CHL 1,500.

DST #3: 4268-4280, LOWER 180' Zone, 30-60-60-90
RECOVERED: 270' GIP, 420' CLEAN GASSY OIL, 30' MUD CUT GASSY OIL.
SIPs: 898-856, IFP: 44-82 FFP: 122-172, BHT 114, CHL 2,200

DST #4: 4278-4310, 200' Zone, 30-30-30-30
RECOVERED: 150' SOCWM, 1850' SULFUR WATER
SIPs: 869-869, IFP: 621-810 FFP: 852-869 BHT 122. CHL 27,000

DST #5: 4318-4336, 220' Zone, 30-30-30-30
RECOVERED: 5' OCM
SIPs: 700-700, IFP: 12-12, FFP: 16-16, BHT 118, CHL 2,500

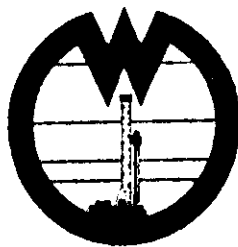
DST #6: 4414-4444, ALTAMONT "B" Zone, 30-45-60-60
RECOVERED: 180' GIP, 60' OIL, 250' O&GCM (10% OIL, 10% GAS, 25% WATER, 55% MUD), 480'
SULFUR WATER. 790' TOTAL.
SIPs: 345-345, IFP: 71-234, FFP: 262-345, BHT 128. CHL 23,000

DST #7: , CHEROKEE, 30-30
RECOVERED: 1' MUD.
SIPs: 10-10, IFP: 10-10

RECEIVED
MINERS CORPORATION COMMISSION

AUG 25 1995

CONSERVATION DIVISION
WICHITA, KS



ORIGINAL

WHITE

AND ELLIS DRILLING, Inc.

API#15-101-21706

DRILLERS LOG

Operator: Dunne Oil Company
100 S. Main - Suite 410
Wichita, KS 67202

Contractor: White & Ellis Drilling, Inc.
P. O. Box 48848
Wichita, KS 67201-8848
AUG 25 1995

Lease Name Clark Well No. 1-15
Spot SW SE NW Section 15 Township 19S Range 29W
County Lane State Kansas

Casing Record:

Surface: 8 5/8" @ 268' with 165
Production: 4 1/2" @ 4624' with

Type Well: Oil/Gas Total Depth 4625'

Drilling Commenced: Drilling Completed:

<u>Formation</u>	<u>From</u>	<u>To</u>	<u>Tops</u>	
Cellar	0	5	Anhydrite	2164
Clay, Sand, Shales	5	269	B/Anhydrite	2190
Shale	269	303	LKC	4095
Gray Shale, Sand & Red Bed	303	1065	Kansas City	4195
Shales & Sand	1065	1945	BKC-Altamont	4336
Sand & Shale	1945	2300	Altamont	4415
Shales & Lime	2300	3605	Marmaton-	
Lime & Shale	3605	3975	Ft. Scott	4458
Shale & Lime	3975	4625	Cherokee	4545
			Cherokee/Johnson	4570
			Johnson/Miss	4603

ALLIED CEMENTING CO., INC.

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

ORIGINAL

SERVICE POINT:

Lead City

DATE <u>7-25-95</u>	SEC. <u>15</u>	TWP. <u>19</u>	RANGE <u>29</u>	CALLED OUT <u>8:30AM</u>	ON LOCATION <u>11:00AM</u>	JOB START <u>12:15PM</u>	JOB FINISH <u>3:00PM</u>
LEASE <u>Clark</u>	WELL# <u>1-15</u>	LOCATION <u>Dighton 6S-3W-4W</u>	COUNTY <u>Lane</u>	STATE <u>KS.</u>			

OLD OR NEW (Circle one)

CONTRACTOR Chayenne

TYPE OF JOB Port Collar

HOLE SIZE 7 1/2" T.D. 4625

CASING SIZE 4 1/2" DEPTH

TUBING SIZE 2" DEPTH

DRILL PIPE Port Collar DEPTH 2118

TOOL B.P. DEPTH 2450

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG.

PERFS.

OWNER Scam

CEMENT ALW

AMOUNT ORDERED (450 65/35 679 #1 Flo 4 gal on Side 1 SK Sand (Lined 275 SKO))

COMMON <u>(ALW) 275</u>	@	<u>5.65</u>	<u>1553.75</u>
POZMIX	@		
GEL <u>4</u>	@	<u>9.50</u>	<u>38.00</u>
CHLORIDE	@		
<u>Flo Seal 69 #</u>	@	<u>1.15</u>	<u>79.35</u>
<u>Sand 1</u>	@	<u>5.25</u>	<u>5.25</u>
	@		
	@		
	@		
HANDLING <u>450</u>	@	<u>1.05</u>	<u>472.50</u>
MILEAGE <u>40</u>			<u>720.00</u>

RECEIVED
KANSAS CORPORATION COMMISSION

TOTAL \$2868.85

EQUIPMENT

PUMP TRUCK CEMENTER Mike

224 HELPER Bob

BULK TRUCK

199 DRIVER Bill

BULK TRUCK

DRIVER

AUG 25 1995

REMARKS:

SERVICE

Loaded Hole tested B.P. to 1500# Spotted 15K Sand - found Port Collar - Spotted 4 1/2" gel water. Opened Port Collar. Cement full cement circulated. Closed P.C. Pressure to 1000# washed Sand off Plug. then loaded hole with oil.

Thank you
Allied Cementing
Mike, Bob, Bill

CONSERVATION DIVISION

DEPTH OF JOB

PUMP TRUCK CHARGE 550.00

EXTRA FOOTAGE @

MILEAGE 40 @ 2.35 94.00

PLUG @

Stripper Head. @ N/C N/C

TOTAL \$644.00

CHARGE TO: Domne Oil

STREET 100 S. Main Suite 410

CITY Wichita STATE Ks ZIP 67202

FLOAT EQUIPMENT

	@		
	@		
	@		
	@		
	@		

TOTAL

TAX -0-

TOTAL CHARGE \$3512.85

DISCOUNT \$702.57 IF PAID IN 30 DAYS

Net \$2810.28

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 Earl E. ...

ALLIED CEMENTING CO., INC.

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

ORIGINAL

SERVICE POINT: Leawich

DATE <u>7-4-95</u>	SEC. <u>15</u>	TWP. <u>19</u>	RANGE <u>29</u>	CALLED OUT <u>7:00 AM</u>	ON LOCATION <u>1:00 P.M.</u>	JOB START <u>5:00 PM</u>	JOB FINISH <u>6:00 PM</u>
LEASE <u>Clark</u>		WELL # <u>1-15</u>	LOCATION <u>Dighton 6S-3W-4N</u>		COUNTY <u>Leawich</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one)							

CONTRACTOR <u>White & Ellis</u>	OWNER <u>Same</u>
TYPE OF JOB <u>Long String</u>	CEMENT
HOLE SIZE <u>7 7/8"</u>	T.D. <u>4625</u>
CASING SIZE <u>4 1/2"</u>	DEPTH <u>4639'</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL <u>Port Collar</u>	DEPTH <u>2126</u>
PRES. MAX	MINIMUM
MEAS. LINE <u>1000'</u>	SHOE JOINT <u>32.16</u>
CEMENT LEFT IN CSG.	
PERFS.	

AMOUNT ORDERED	<u>150 ASC 5" Gal Seal P.C. SK.</u>
	<u>75 SK 50/50 4" gal</u>
	<u>500 gal Mud Sweep</u>
COMMON	<u>38 @ 6.10 = 231.80</u>
POZMIX	<u>37 @ 3.15 = 116.55</u>
GEL	<u>3 @ 9.50 = 28.50</u>
CHLORIDE	<u>ASC 150 @ 7.85 = 1177.50</u>
	<u>Kol Seal 750' @ 1.38 = 285.00</u>
	<u>Mud Sweep 500 gal @ 1.80 = 900.00</u>
	<u>@</u>
	<u>@</u>
HANDLING	<u>225 @ 1.05 = 236.25</u>
MILEAGE	<u>40 = 360.00</u>

EQUIPMENT

PUMP TRUCK	CEMENTER <u>Mike</u>
# <u>224</u>	HELPER <u>Bob</u>
BULK TRUCK	
# <u>199</u>	DRIVER <u>Bill</u>
BULK TRUCK	
#	DRIVER

RECEIVED
KANSAS CORPORATION COMMISSION

TOTAL \$ 3335.60

REMARKS:

Pumped mud sweep - Cemented Port
hole with 15 SKs - Pumped Cement Slurry
then displaced with 235 Bbl fresh
water. Plug down - float did hold.

AUG 25 1995 SERVICE

DEPTH OF JOB	<u>4639'</u>
PUMP TRUCK CHARGE	<u>1156.00</u>
EXTRA FOOTAGE	<u>@</u>
MILEAGE	<u>40 @ 2.35 = 94.00</u>
PLUG	<u>4 1/2" Rubber Plug @ 38.00 = 38.00</u>
	<u>@</u>
	<u>@</u>

TOTAL \$ 1288.00

CHARGE TO: Dunn Oil
STREET 100 S. Main Suite 410
CITY Wichita STATE Ks ZIP 67202

FLOAT EQUIPMENT

1- Baker - 4 1/2" - Guide Star	@ 109.00	109.00
1- Baker - 4 1/2" - Invert	@ 169.00	169.00
1- Baker - 4 1/2" - Port Collar	@ 1680.00	1680.00
1- Baker - 4 1/2" - Basket	@ 113.00	113.00
9 Baker - 4 1/2" - Centrifuges	@ 53.00	477.00

TOTAL \$ 2548.00

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.

TAX	<u>- 0 -</u>
TOTAL CHARGE	<u>\$ 7171.60</u>
DISCOUNT	<u>\$ 1434.32 IF PAID IN 30 DAYS</u>

Net \$ 5737.28

SIGNATURE Carl Evans

ALLIED CEMENTING CO., INC.

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

ORIGINAL

SERVICE POINT:

Great Bend

DATE <u>6-24-95</u>	SEC. <u>15</u>	TWP. <u>19</u>	RANGE <u>29</u>	CALLED OUT <u>8:30 AM</u>	ON LOCATION <u>12:00pm</u>	JOB START <u>1:30pm</u>	JOB FINISH <u>2:30pm</u>
LEASE <u>Clark</u>	WELL # <u>1-15</u>	LOCATION <u>Dighton 69-3W-1/2N-E10+0</u>			COUNTY <u>KS</u>	STATE <u>KS</u>	

OLD OR NEW (Circle one)

CONTRACTOR WTE

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 269

CASING SIZE 8 5/8 DEPTH 268.40

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. Disp 16.47

OWNER Same

CEMENT

AMOUNT ORDERED 165 sk 60/40 2+4% cc

COMMON	<u>99</u>	@	<u>6.10</u>	<u>603.90</u>
POZMIX	<u>66</u>	@	<u>3.15</u>	<u>207.90</u>
GEL	<u>3</u>	@	<u>9.50</u>	<u>28.50</u>
CHLORIDE	<u>7</u>	@	<u>28.00</u>	<u>196.00</u>

EQUIPMENT

PUMP TRUCK CEMENTER Don H

224 HELPER Tim D

BULK TRUCK DRIVER _____

_____ DRIVER _____

BULK TRUCK DRIVER RICK W

116 DRIVER _____

HANDLING	<u>165</u>	@	<u>1.05</u>	<u>173.25</u>
MILEAGE RECEIVED	<u>40</u>			<u>264.00</u>

KANSAS CORPORATION COMMISSION

TOTAL \$1473.55

AUG 25 1995

REMARKS:

Pumped all 165sk Released
plug displaced down
Shut in Don e
Cement did circulate

By Allied Cementing
THANKS Don
Wai,

SERVICE

CONSERVATION DIVISION	<u>269'</u>			
DEPTH OF JOB				
PUMP TRUCK CHARGE				<u>445.00</u>
EXTRA FOOTAGE		@		
MILEAGE	<u>40</u>	@	<u>2.35</u>	<u>94.00</u>
PLUG	<u>1 8 5/8</u>	@	<u>45.00</u>	<u>45.00</u>

TOTAL \$584.00

CHARGE TO: Dunne Oil

STREET 100 S main Suite 410

CITY Wichita STATE KS ZIP 67202

FLOAT EQUIPMENT

@		
@		
@		
@		
@		

TOTAL _____

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.

TAX - 0 -

TOTAL CHARGE \$2057.55

DISCOUNT 411.51 IF PAID IN 30 DAYS

~~Net \$2057.55~~

SIGNATURE Donald A. D... #9