

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 COMPANY
Address 100 S. MAIN
SUITE 410
City/State/Zip WICHITA, KS 67202

Purchaser: _____
Operator Contact Person: STEVE DUNNE
Phone (316) 267-3448

Contractor: Name: MURFIN DRILLING CO.
License: 30606
Wellsite Geologist: STEVE DUNNE

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD SLOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc.)

If Workover/Re-Entry: Oil well info as follows:
Operator: PATRICK PETROLEUM CORP.
Well Name: ELLIOTT #2
Comp. Date 2/15/77 Old Total Depth 3950
 Deepening Re-Perf. Conv. to Inj/SWD
 Plug Back PBSD
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. E-27,475
7/5/97 7/6/97 11/17/97
Spud Date of REENTRY Date Reached TD Completion Date

API NO. 15- 065-20,888-0001
County GRAHAM
SE - SW - NE - _____ Sec. 31 Twp. 6 Rge. 23 E
2970 Feet from (circle one) Line of Section
1650 Feet from (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE, _____, _____ (circle one)
Lease Name ELLIOTT Well # 2 WIW
Field Name WHITE NW
REPRESSURED
~~Formation~~ L-KC
Elevation: Ground 2475 KB 2480
Total Depth 3950 PBSD 3902
Amount of Surface Pipe Set and Cemented at 305 Feet
Multiple State Cementing Collar Used? Yes No
If yes, show depth set 2183 Feet
If Alternate II completion, cement circulated from 2183
feet depth to SURFACE w/ 375 sx cmt.

Drilling Fluid Management Plan REENTRY JH 12-24-97
(Data must be collected from the Reserve Pit)
Chloride content 1500 ppm Fluid Volume 1400 bbls
Dewatering method used ALLOWED TO DRY
Location of fluid disposal if hauled offsite: _____
Operator Name _____
Lease Name _____
_____ Quarter Sec. _____ Twp. _____ Rng. _____ W
County _____ Docket No. _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 South 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 geological 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 Thomas Larson
Title AGENT Date 11/24/97
Subscribed and sworn to before me this 24 day of NOVEMBER, 1997.
Notary Public Carol S. Larson
Date Commission Expires June 25, 2001



K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received

 KCC SWD/Rep NGPA
 KGS Plug Other (Specify)

11-24-97

ORIGINAL

SIDE TWO

Operator Name DUNNE OIL COMPANY Lease Name ELLIOTT Well # 2 WIW
 Sec. 31 Twp. 6 Rge. 23 East County GRAHAM West

Instructions: Show important tops and base of formation 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 type="checkbox"/> Yes <input checked="" 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	2155	+325
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	BASE ANHYDRITE	2189	+291
List All E. Logs Run: RAG		HEEBNER	3702	-1222
		LANSING	3726	-1246
		BASE KC	3930	-1450
		RTD	3950	-1470
		LTD	3949	-1469

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	UNKNOWN	305	50/50 POZ	275	2% GEL, 3% CC
PRODUCTION	7-7/8	5-1/2	14	3942	ASC	175	10% SALT
INJECTION		2-3/8	4.7	3846.49			

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input checked="" type="checkbox"/> Perforate <input checked="" type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	2183-SURF	60/40 POZ	375	6% GEL, 1/4# FLOCELE

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
4	3887-93	500 GAL 15% SCA	3887-93

TUBING RECORD	Size 2-3/8 SEAL-TITE	Set At 3846.49	Packer At 3842.29	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj. ON APPROVAL		Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)		
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio 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: 3887-93

ALLIED CEMENTING CO., INC.

5497

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

ORIGINAL

SERVICE POINT:

Russell

DATE <u>7-11-97</u>	SEC. <u>31</u>	TWP. <u>6 S</u>	RANGE <u>23 W</u>	CALLED OUT <u>6:45 AM</u>	ON LOCATION <u>9:45 AM</u>	JOB START <u>10:00 AM</u>	JOB FINISH <u>12:00 PM</u>
LEASE <u>ELLIOTT</u>	WELL # <u>2</u>	LOCATION <u>1/4 City 8 N 4 W 1 N 1/2 W</u>		COUNTY <u>GRAHAM</u>	STATE <u>KANSAS</u>		

OLD OR NEW (Circle one) _____

1/2 SE INTO

CONTRACTOR MURFIN DRILLING Co.

TYPE OF JOB PORT COLLAR (CIRC. Cement)

HOLE SIZE _____ T.D. _____

CASING SIZE 5 1/2 DEPTH _____

TUBING SIZE 2 3/8 DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL PORT COLLAR DEPTH 2183

PRES. MAX 1500# MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

OWNER _____

CEMENT

APPROX (USED 375 SA)

AMOUNT ORDERED 425 SK 60% 6% GEL

1/4# F10-SEAL PER SK

COMMON _____ @ _____

POZMIX _____ @ _____

GEL _____ @ _____

CHLORIDE _____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

HANDLING _____ @ _____

MILEAGE _____ @ _____

EQUIPMENT

PUMP TRUCK CEMENTER Alman

177 HELPER Will

BULK TRUCK

254 DRIVER Shawin

BULK TRUCK

_____ DRIVER _____

TOTAL _____

REMARKS:

TEST CSG TO 1,000# (HOLD)

OPENED PORT COLLAR - pumped 80 BBL/MUD

Mixed 375 SK Cement, & Cement Circumvent

TO SURFACE. Disp. 7 1/2 BBL.

Closed PORT COLLAR & TEST TO 1500# (HOLD)

RAN IN 4 JTS & CIRC. Hole CLEAN.

Pulled Tools.

THANK'S

SERVICE

DEPTH OF JOB _____

PUMP TRUCK CHARGE _____

EXTRA FOOTAGE _____ @ _____

MILEAGE _____ @ _____

PLUG _____ @ _____

_____ @ _____

_____ @ _____

TOTAL _____

CHARGE TO: DUNNE Oil Co.

STREET _____

CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

TOTAL _____

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

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 T.C. Larson

ALLIED CEMENTING CO., INC.

8847

Federal Tax I.D.# ~~60-0727000~~

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

ORIGINAL

SERVICE POINT: R

DATE <u>7/6/97</u>	SEC. <u>31</u>	TWP. <u>6</u>	RANGE <u>23</u>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH <u>1:00 AM</u>
LEASE <u>Elliott</u>	WELL.# <u>2</u>	LOCATION <u>Hill City 8N4W12E</u>		COUNTY <u>Graham</u>	STATE <u>Ks</u>		
OLD OR NEW (Circle one) <u>NEW</u>							

CONTRACTOR Martin Daly

TYPE OF JOB Production String

HOLE SIZE 7 7/8 T.D. 3950

CASING SIZE 5 1/2 DEPTH

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH 2182

PRES. MAX 1300 psi MINIMUM

MEAS. LINE SHOE JOINT 20.22

CEMENT LEFT IN CSG.

PERFS.

OWNER

CEMENT

AMOUNT ORDERED 125 ASC 10% salt

500 gal WFR-2

COMMON	@		
POZMIX	@		
GEL	@		
CHLORIDE	@		
<u>ASC</u>	@	<u>7.95</u>	<u>1373.75</u>
<u>Salt</u>	@	<u>7.00</u>	<u>119.00</u>
<u>WFR-2</u>	@	<u>1.00</u>	<u>500.00</u>
HANDLING	@	<u>1.95</u>	<u>183.75</u>
MILEAGE <u>44/Sk/Mile</u>			<u>511.00</u>
TOTAL			<u>2687.50</u>

DISPLACEMENT 14# 964

EQUIPMENT

177

PUMP TRUCK CEMENTER Dave

HELPER well

BULK TRUCK DRIVER

DRIVER Brent

REMARKS:

plug Rod hole 1/2 15.6

cut on 1, 10, 19, 30, 42, 65

port collar on 44

Basket 43, 45

Float held

SERVICE

DEPTH OF JOB		
PUMP TRUCK CHARGE		<u>1030.00</u>
EXTRA FOOTAGE	@	
MILEAGE <u>73</u>	@	<u>2.05</u> <u>208.50</u>
PLUG <u>SE Rubber</u>	@	<u>50.00</u>
TOTAL <u>1288.50</u>		

CHARGE TO: Duane Oil Co

STREET 100 S Main St # 410

CITY Wichita STATE Kansas ZIP 67202

FLOAT EQUIPMENT

<u>1 port collar</u>		<u>2340.00</u>
<u>1 Guide Shoe</u>	@	<u>168.00</u>
<u>1 AEU Insert</u>	@	<u>263.00</u>
<u>2 Baskets</u>	@	<u>142.00</u> <u>284.00</u>
<u>100' Suspenders (20)</u>	@	<u>53.00</u> <u>1060.00</u>
<u>Cont Co</u>	@	<u>56.00</u> <u>336.00</u>
TOTAL <u>4451.00</u>		

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 John Seals

TAX _____

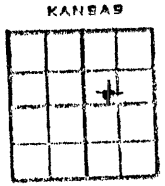
TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

PRINTED NAME _____

OPERATOR:
CONTRACTOR:
WELL NAME:
LOCATION:
SPUD DATE:
COMPLETION DATE:

Patrick Petroleum, Inc.
Abercrombie Drilling, Inc.
ELLIOTT #2
SE SW NE, Section 31-6S-23W
Graham County, Kansas
2-07-77
2-17-77



K. G. S. LIBRARY

0	275	Clay & Sand
275	1730	Shale
1730	1924	Sand
1924	2156	Shale
2156	2190	Anhydrite
2190	2575	Shale with lime streaks
2575	2752	Shale
2752	3543	Shale & Lime
3543	3784	Lime & Shale
3784	3950	Lime
	3950	Rotary Total Depth

Spud hole at 4:00 p.m. 2-07-77. Cut 306' of 12 1/4" hole. Ran 8 jts. of 8 5/8" casing. (Tally 298') Set at 305' K.B. with 275 sx. 50/50 posmix, 2% gel, 3% Ca. Cl. Plug was down at 10:00 p.m. Cement did circulate.

T.D. 3950'. Set 1st plug at 1100' with 70 sx., 2nd plug at 300' with 20 sx., 40' bridge with 10 sx. Cemented with 50/50 posmix, 6% gel. Plug was down at 2:15 a.m. 2-17-77. State Plugger - Gilbert Balthazor.

SAMPLE TOPS:

Anhydrite 2156' (+331)
B/Anhydrite 2190' (+297)

STATE OF KANSAS)
)
COUNTY OF SEDGWICK)

Jack L. Partridge, Assistant Secretary-Treasurer of Abercrombie Drilling, Inc., does hereby state that the above and foregoing is a true and correct copy of the log of the ELLIOTT #2, SE SW NE, Section 31-6S-23W, Graham County, Kansas.

ABERCROMBIE DRILLING, INC.

PATRICK PETROLEUM CORP. 3-14-77 31-6-23W
SUITE 414, 200 E. FIRST #2 ELLIOTT SE SW NE
WICHITA, KS.

CONTR ABERCROMBIE DRG., INC. CTY GRAHAM

GEOL _____ FIELD WHITE NW

E 2487 KB CM 2/7/77 CARD ISSUED 3/10/77 D&A/BKC 2/17/77

Subscribed and sworn to
state as of this 22nd day

API 15-065-20,888

LOG	TOPS	DEPTH	DATUM
ANH	2155	+ 332	
B ANH	2190	+ 297	
HEEB	3704	-1217	
LANS	3743	-1256	
LANS 'G'	3888	-1401	
BKC	3931	-1444	
RTD	3950	-1463	
LTD	3951	-1464	

8-5/8" 305/275sx
DST (1) 3760-84/90", REC 20' TH SOCM, SIP 1295#/30"-1274#/60", FP 10-10#/30", 10-20#/60"
DST (2) 3781-3805/90", REC 25' CO, 50' OCWM, 122' MW (GR 30.4°) SIP 1203#/30"-1203#/60", FP 10-51#/30", 51-101#/60"
DST (3) 3798-3830/90", REC 20' DM, NS, SIP 1264#/30"-1254#/60", FP 10-16#/30", 16-24#/60"
DST (4) 3842-83/90", REC 5' FO, 122' OCM SIP 586#/30"-778#/60", FP 20-51#/30", 51-71#/60"
DST (5) 3872-8906/2 HRS, REC 77' CL GSY 0, 62' HO CM, SIP 323#/45"-283#/60", FP 10-41#/30", 41-71#/90"

