

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

Operator: License # 8061

Name: OIL PRODUCERS, INC. OF KANSAS

Address P.O. BOX 8647

City/State/Zip WICHITA, KANSAS 67208

Purchaser: KGS and FARMLAND INDUSTRIES

Operator Contact Person: DIANA RICHECKY

Phone (316) 681-0231

Contractor: Name: BRANDT DRILLING CO.

License: 5360

Wellsite Geologist: _____

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: Cities Service Oil & Gas Corp

Well Name: Dale "A" #2

Comp. Date 4/7/85 Old Total Depth 5850

Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PSTD
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

08/02/93 08/05/93 08/27/93
Date of Date Reached TD Completion Date

REENTRY

API NO. 15- 033-20,674-0001

County COMANCHE
Approx. _____

 - - SW SW Sec. 26 Twp. 32 Rge. 18 W E

660 Feet from N (circle one) Line of Section

4470 Feet from W (circle one) Line of Section

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

Lease Name DALE "A" OWVO Well # 2

Field Name NESCATUNGA

Producing Formation Mississippi dolomite

Elevation: Ground 2025 KB 2032

Total Depth 5850' PSTD 5196

Amount of Surface Pipe Set and Cemented at 570'

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan REENTRY 9/24 5-29-96
(Data must be collected from the Reserve Pit)

Chloride content 3798 ppm Fluid volume 320 bbls

Dewatering method used: evaporation and restore to near normal
when dry

Location of fluid disposal if hauled offsite: _____

Operator Name 02-20-1996

Lease Name _____ License _____

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

County _____ Docket No. _____

RECEIVED
KANSAS CORP COM
FEB 20 A 11:18 '96

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 John S. Weir John S. Weir

Title President Date 8/24/95

Subscribed and sworn to before me this 24th of August, 19 95

Notary Public Sheryl L. Murphy

Date Commission Expires 12-19-96

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

Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)

SHERYL L. MURPHY
State of Kansas
My Appt. Exp.

Operator Name Oil Producers, Inc. of Kansas Lease Name DALE "A" Well # 2
 Sec. 26 Twp. 32S Rge. 18 East West
 County COMANCHE

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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input 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			
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
List All E.Logs Run:	Cement bond log, gamma ray neutron log			

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
conductor		13 3/8"		88		88	
surface		8 5/8"		570		300	
production		4 1/2"	10.5#	5255	50 50 poz	125	2% gel 10% salt

ADDITIONAL CEMENTING/SQUEEZE RECORD

1/2% halad 322

Purpose:	Depth		Type of Cement	#Sacks Used	Type and Percent Additives
	Top	Bottom			
<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)		Depth
2	5108 - 5115				
2	5119 - 5122				
2	5133 - 5142				

TUBING RECORD	Size 2 3/8"	Set At 5155.14	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
---------------	----------------	-------------------	-----------	---

Date of First, Resumed Production, SWD or Inj. 9/1/93	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
--	--

Estimated Production	Oil Bbls. 11 BOPD	Gas Mcf 30 MCFPD	Water Bbls. 45 BWPD	Gas-Oil Ratio	Gravity
----------------------	----------------------	---------------------	------------------------	---------------	---------

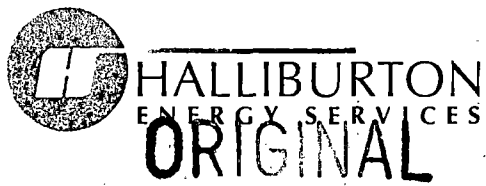
Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

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

Production Interval: 5108-5115'
5119-5122'
5133-5142'

CUSTOMER COPY

REMIT TO:
HALLIBURTON ENERGY SERVICES
DALLAS, TX 75335-1146



INVOICE

INVOICE NO.	DATE
108498	09/07/1990

WELL LEASE NO./PROJECT DALE 1 OWWO A-2		WELL/PROJECT LOCATION COMANCHE		STATE KS	OWNER SAME
SERVICE LOCATION PRAIRIE	CONTRACTOR BRANDT DRIG	JOB PURPOSE CEMENT PRODUCTION CASING			TICKET DATE 09/07/1990
ACCT. NO. 108498	CUSTOMER AGENT BRAD SIROKY	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA COMPANY TRUCK	FILE NO. 54707

DIRECT CORRESPONDENCE TO:

OIL PRODUCERS INC. OF KANSAS
BOX 8547
WICHITA, KS 67308

OKLAHOMA TOWER
110 WEST PARK AVENUE
SUITE 2000
OKLAHOMA CITY, OK 73102-5601

REFERENCE NO.	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	AMOUNT
PRICING AREA - MID CONTINENT					
000-117	MILEAGE	48 MI		2.75	132.00
		1 UNT			
001-016	CEMENTING CASING	5256 FT		1.365	7200.00
		1 UNT			
12A	GUIDE SHOE - # 1 1/2" 8RD THD.	1 EA		45.00	45.00
825/201					
593	3-WIPER L-D PLUG - 4 1/2"	1 EA		69.00	69.00
801-0373					
594	4 1/2" LATCH DOWN BAFFLE	1 EA		100.00	100.00
801-03734					
0	CENTRALIZER 4-1/2 X 7 7/8 S.	1 EA		216.00	216.00
807-93004					
20	CEMENT BASKET 4 1/2"	1 EA		216.00	216.00
800-8881					
016-017	SUPER FLUSH	16 SX		100.00	1,600.00
504-308	CEMENT - STANDARD	63 SX		3.00	189.00
506-106	POZMIX A	4216 LB		0.48	2023.68
506-121	HALLIBURTON-GEL 2%	2 SX		400.00	800.00
508-291	GILSONITE BULK	1250 LB		0.24	300.00
509-968	SALT	650 LB		0.13	84.50
507-776	HALAD-322	50 LB		6.88	344.00
300-307	BULK SERVICE CHARGE	199 CFT		1.00	199.00
300-306	MILEAGE CMTG MATERIAL OR RETURN	294.08 - THT		0.35	102.93
INVOICE SUBTOTAL					11,817.99
DISCOUNT- 5%					590.90
INVOICE GROSS AMOUNT					11,227.09
* - KANSAS STATE SALES TAX					111.97
* - PRAIRIE COUNTY SALES TAX					20.00
INVOICE TOTAL - PAYABLE					11,359.06

RECEIVED
KANSAS CORP COMM
FEB 20 A 11:18

TERMS: If Customer does not have an approved open account with Halliburton, all sums due are payable in cash at the time of performance of services or delivery of equipment, products or materials. If customer has an approved open account, invoices are payable on the twentieth day after date of invoice. Customer agrees to pay interest on any unpaid balance from the date payable until paid at the highest annual contract rate applicable, but never to exceed 18% per annum. In the event Halliburton employs an attorney for collection of any account, Customer



CHARGE TO:
Oil Producers of Kansas
 ADDRESS:
 CITY, STATE, ZIP CODE:

COPY

TICKET

No. 509492 - 5

PAGE 1 OF 2

FORM 1906 R-12

1. SERVICE LOCATIONS <i>PRIT, KS</i>	WELL/PROJECT NO. <i>#1</i>	LEASE <i>DALE OWING</i>	COUNTY/PARISH <i>COMANCHE</i>	STATE <i>KS</i>	CITY/OFFSHORE LOCATION	DATE <i>8-7-93</i>	OWNER <i>Same</i>
2.	TICKET TYPE <input checked="" type="checkbox"/> SERVICE	NITROGEN JOB? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CONTRACTOR <i>BRADIT Dello</i>	RIG NAME/NO.	SHIPPED VIA <i>4410</i>	DELIVERED TO <i>LOCATION</i>	ORDER NO.
3.	WELL TYPE <i>01</i>	WELL CATEGORY <i>01</i>	JOB PURPOSE <i>035 - 4 1/2" LONGSTRENGTH</i>	WELL PERMIT NO.	WELL LOCATION		
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS <i>187</i>						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF								
<i>000-117</i>		<i>1</i>				<i>MILEAGE</i>	<i>48</i>	<i>mz</i>			<i>2.75</i>	<i>132.00</i>
<i>001-016</i>		<i>1</i>				<i>PUMP CHARGE</i>	<i>5250</i>	<i>FT</i>			<i>1565.00</i>	<i>1565.00</i>
<i>12A</i>	<i>825-201</i>	<i>1</i>				<i>REG BUZZER SHOE</i>	<i>1</i>	<i>EA</i>	<i>4 1/2</i>	<i>IN</i>	<i>95.00</i>	<i>95.00</i>
<i>593</i>	<i>801-0373</i>	<i>1</i>				<i>LATCH DOWN PLUG</i>	<i>1</i>	<i>EA</i>			<i>159.00</i>	<i>159.00</i>
<i>594</i>	<i>801-03734</i>	<i>1</i>				<i>LATCH DOWN BAFLEE</i>	<i>1</i>	<i>EA</i>			<i>100.00</i>	<i>100.00</i>
<i>40</i>	<i>807-93004</i>	<i>1</i>				<i>CENTRALIZERS</i>	<i>5</i>	<i>EA</i>			<i>43.00</i>	<i>215.00</i>
<i>320</i>	<i>800-8881</i>	<i>1</i>				<i>BASKETS</i>	<i>3</i>	<i>EA</i>			<i>105.00</i>	<i>315.00</i>
<i>018-317</i>		<i>1</i>				<i>SUPEREWSH</i>	<i>12</i>	<i>BSK</i>			<i>100.00</i>	<i>1200.00</i>

ORIGINAL

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY provisions.		SUB SURFACE SAFETY VALVE WAS: <input type="checkbox"/> PULLED & RETURN <input type="checkbox"/> PULLED <input type="checkbox"/> RUN		SURVEY		AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL	<i>3781.00</i>
CUSTOMER OR CUSTOMER'S AGENT SIGNATURE <i>X</i>		TYPE LOCK	DEPTH	OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?					FROM CONTINUATION PAGE(S)	<i>2036.75</i>
DATE SIGNED <i>8-7-93</i>		BEAN SIZE	SPACERS	WE UNDERSTOOD AND MET YOUR NEEDS?						
TIME SIGNED <i>2:20</i>		TYPE OF EQUALIZING SUB.	CASING PRESSURE	OUR SERVICE WAS PERFORMED WITHOUT DELAY?						
<input type="checkbox"/> do <input type="checkbox"/> do not require IPC (Instrument Protection). <input type="checkbox"/> Not offered		TUBING SIZE	TUBING PRESSURE	WELL DEPTH	WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?					
		TREE CONNECTION	TYPE VALVE	ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO					SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE	<i>5817.75</i>
				<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND						

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES - The customer hereby acknowledges receipt of the materials and services listed on this ticket

CUSTOMER OR CUSTOMER'S AGENT (PLEASE PRINT) <i>BRAD SERRA</i>	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE) <i>X</i>	HALLIBURTON OPERATOR/ENGINEER <i>Shirley King</i>	EMP # <i>Bld633</i>	HALLIBURTON APPROVAL
--	--	--	------------------------	----------------------



JOB SUMMARY

HALLIBURTON DIVISION

HALLIBURTON LOCATION

Med ContPratt, KS

BILLED ON TICKET NO.

529482

WELL DATA

FIELD _____ SEC _____ TWP _____ RNG _____ COUNTY Comanche STATE KS

FORMATION NAME _____ TYPE _____
 FORMATION THICKNESS _____ FROM _____ TO _____
 INITIAL PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD
 PRESENT PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD
 COMPLETION DATE _____ MUD TYPE _____ MUD WT. _____
 PACKER TYPE _____ SET AT _____
 BOTTOM HOLE TEMP. _____ PRESSURE _____
 MISC. DATA _____ TOTAL DEPTH 5800

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	<u>1/2"</u>	<u>10.5</u>	<u>4 1/2</u>	<u>KB</u>	<u>5256</u>	
LINER						
TUBING						
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

ORIGINAL

JOB DATA

TOOLS AND ACCESSORIES			
TYPE AND SIZE	QTY.	MAKE	
FLOAT COLLAR <u>LATCH DOWN 4 1/2"</u>	<u>1</u>	<u>Houco</u>	
FLOAT SHOE			
GUIDE SHOE <u>REG</u>	<u>1</u>	<u>"</u>	
CENTRALIZERS <u>S-61</u>	<u>6</u>	<u>"</u>	
BOTTOM PLUG			
TOP PLUG <u>LATCH DOWN</u>	<u>1</u>	<u>"</u>	
HEAD <u>PC</u>	<u>1</u>	<u>"</u>	
PACKER			
OTHER <u>WASKETS</u>	<u>3</u>	<u>"</u>	

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>8-6</u>	DATE <u>8-6</u>	DATE <u>8-7</u>	DATE <u>8-7</u>
TIME <u>1300</u>	TIME <u>0200</u>	TIME <u>0550</u>	TIME <u>0915</u>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>D RANG</u>	<u>40942</u>	<u>Pratt, KS</u>
<u>F6633</u>	<u>P-UP</u>	
<u>J Mc Duff</u>	<u>4410</u>	<u>"</u>
<u>74221</u>	<u>20-DTAR</u>	
<u>A GOLDBERG</u>	<u>50208</u>	<u>"</u>
<u>C8234</u>	<u>BULK</u>	

MATERIALS

TREAT. FLUID _____ DENSITY _____ LB/GAL. °API
 DISPL. FLUID _____ DENSITY _____ LB/GAL. °API
 PROP. TYPE _____ SIZE _____ LB.
 PROP. TYPE _____ SIZE _____ LB.
 ACID TYPE _____ GAL. _____ %
 ACID TYPE _____ GAL. _____ %
 ACID TYPE _____ GAL. _____ %
 SURFACTANT TYPE _____ GAL. _____ IN.
 NE AGENT TYPE _____ GAL. _____ IN.
 FLUID LOSS ADD. TYPE _____ GAL.-LB. _____ IN.
 GELLING AGENT TYPE _____ GAL.-LB. _____ IN.
 FRIC. RED. AGENT TYPE _____ GAL.-LB. _____ IN.
 BREAKER TYPE _____ GAL.-LB. _____ IN.
 BLOCKING AGENT TYPE _____ GAL.-LB. _____
 PERFPAC BALLS TYPE _____ QTY. _____
 OTHER _____
 OTHER _____

DEPARTMENT CEMENT
 DESCRIPTION OF JOB 4 1/2" LEADSTRONG
 JOB DONE THRU: TUBING CASING ANNULUS TBG./ANN.

CUSTOMER REPRESENTATIVE X
 HALLIBURTON OPERATOR Danny Perry COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	<u>125</u>	<u>50/50 Poz</u>	<u>Houco</u>	<u>Bulk</u>	<u>10% SACT, 10% GELCONCRETE 1/4", 15% HALL-322</u>	<u>1.49</u>	<u>13.41</u>

PRESSURES IN PSI _____ SUMMARY _____ VOLUMES _____

CIRCULATING _____ DISPLACEMENT _____ PRESLUSH: BBL. 12 TYPE S. 2000/54
 BREAKDOWN _____ MAXIMUM _____ LOAD & BKDN: BBL.-GAL. _____ PAD: BBL.-GAL. _____
 AVERAGE _____ FRACTURE GRADIENT _____ TREATMENT: BBL.-GAL. _____ DISPL: BBL. 83
 SHUT-IN: INSTANT _____ 5-MIN _____ 15-MIN. _____ CEMENT SLURRY: BBL. 332
 HYDRAULIC HORSEPOWER _____ TOTAL VOLUME: BBL.-GAL. _____

ORDERED _____ AVAILABLE _____ USED _____
 AVERAGE RATES IN BPM _____

TREATING _____ DISPL. _____ OVERALL _____
 CEMENT LEFT IN PIPE _____

FEET 33 REASON LATCH DOWN PIPE & SERVICE RAMARKS SEE PAGE 106
THAMES
KB

CUSTOMER _____ LEASE _____ WELL NO. _____ JOB TYPE _____ DATE _____



JOB LOG FORM 2013 R-3

CUSTOMER Oce Prod of K2	WELL NO. # 1	LEASE DACE OWLD	JOB TYPE 4 1/2" LONGSTRENG	TICKET NO. 509492
----------------------------	-----------------	--------------------	-------------------------------	----------------------

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
4-6	1300			1				Called out - Reach @ 2200
4-6	0200							ON LOC - REG LAYING DOWN DP - SET UP
4-7	0200							DP LAYED DOWN - REG UP TO RUN CASING
	0310							START CASING IN HOLE
	0550							CASING IN HOLE - BREAK CORE w/ REG PUMP & CORE DOWN LAST JOINT
	0630							CASING ON BOTTOM - CORE WELL WHEEL PULLING PULLY & Mousse
	0745	4.0	5	✓	✓			300 RUN FRESH WATER AHEAD
	0747	4.0	12	✓	✓			300 RUN SUPERFLUSH
	0750	4.0	5	✓	✓			300 RUN FRESH WATER SPACER
	0755		4.0	✓	✓			250 Mex Cement & Plug SPACER (15500)
	0758		2.5	✓	✓			" " & Plug Mousse (15500)
	0802	5.5	26.7	✓	✓			350 Mex REMAINING CEMENT & PUMP DOWN CASING
	0807							FINISH MIXING - RELEASE PLUG - WASH OUT PUMP & LEAKS
	0811	7	83	✓	✓			825 DISPLACE PLUG
	0823			✓				1100 Plug DOWN - RELEASE PRESS - LATCH DOWN Plug HOLDS - WASH UP
	0915							JOB COMPLETE

THANKS
- RENG