

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

Operator: License # 5537
Name Kenneth O. Brown
Address Drawer 340
Plainville, Ks. 67663
City/State/Zip

Purchaser Phillips Petroleum Company

Operator Contact Person Kenneth O. Brown
Phone 913-434-7236

Contractor: License # 9087
Name R & C Drilling Co., Inc.

Wellsite Geologist Ron Nelson
Phone 913-628-3449

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD Temp Abd
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply etc.)

If **OWNO**: old well Info as follows:
Operator
Well Name
Comp. Date
Old Total Depth

WELL HISTORY

Drilling Method: Mud Rotary Air Rotary Cable
9/28/88 10/4/88 10-13-88
Spud Date Date Reached TD Completion Date
3428' 3355'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 221 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set
If alternate 2 completion, cement circulated from 3428' feet depth to surface/500 SX cmt
Cement Company Name Halliburton Services
Invoice # 650632
12-19-88

API No. 15-163-23,015-00-00

County Rooks

NE SE SE Sec. 31 Twp 8 Rge. 17 East X West

990 Ft North from Southeast Corner of Section
550 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

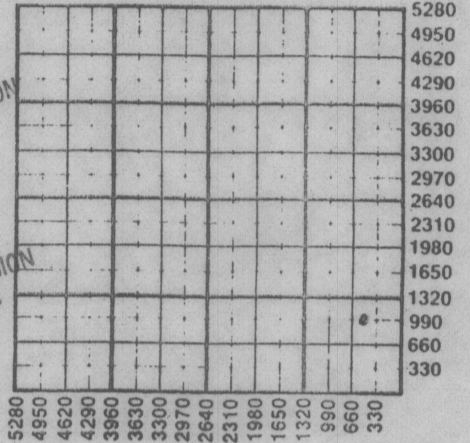
Lease Name Dopita A Well # 13

Field Name Dopita

Producing Formation LKC

Elevation: Ground 1927' KB 1935'

Section Plat



RECEIVED
NOV 16 1988
11/16/88
CONSERVATION DIVISION
Wichita, Kansas

WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # 108 Sup 7740 C
(C-18,441) Repressuring

Questions on this portion of the ACO-1 call:

Water Resources Board (913) 296-3717

Source of Water:
Division of Water Resources Permit #

Groundwater.....Ft North from Southeast Corner
(Well)Ft West from Southeast Corner of
Sec Twp Rge East West

Surface Water.....Ft North from Southeast Corner
(Stream, pond etc).....Ft West from Southeast Corner
Sec 32 Twp 8 Rge 17 East X West

Other (explain).....
(purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 drillers time log shall be attached with this form. 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 *Kenneth O. Brown*

Title *Office Manager* Date *11-17-88*

Subscribed and sworn to before me this *15th* day of *November* 19*88*

Notary Public *Barbara West*

Date Commission Expires

NOTARY PUBLIC
BARBARA WEST
My Appt. Exp. *5-27-91*

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Timelog Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)
11-16-88
Form ACO-1 (5-86)

Sec. 31 Twp. 8 Rge. 17 E

Operator Name Kenneth Ol Brown Lease Name Dopita A Well # 13

Sec. 31 Twp. 8 Rge. 17 East West County Rooks

WELL LOG

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 Yes No
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No

Formation Description
 Log Sample

Name	Top	Bottom
Anhydrite	1238'	+ 697'
Base	1269'	+ 666'
Topeka	2825'	- 890'
Heebnor	3039'	-1104'
Toronto	3061'	-1126'
LKC	3081'	-1446'
Base	3309'	-1374'
Arbuckle	3349'	-1414'
TD	3428'	-1493'

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 Production	12 1/4"	8-5/8" 5 1/2"		221' 3428'	60/40poz Econo-lite EA-2	140 350 150	3%cc

PERFORATION RECORD			Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	
Shots Per Foot	Specify Footage of Each Interval Perforated		Depth	
4	3362-3366'		set plug @ 3355'	
1	3116', 3136', 3166', 3176', 3276'			
	3238', 3279'		12,000 gal. 15% acid	

TUBING RECORD				
Size	Set At	Packer at	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
2 7/8"	3351'			

Date of First Production	Producing Method			
10-25-88	<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	Gas	Water	Gas-Oil Ratio Gravity
40 Bbls		MCF	60 Bbls	CFPB

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify)
 Used on Lease Dually Completed
 Commingled

WORK ORDER CONTRACT AND PRE-TREATMENT DATA

DISTRICT Hays, KS

DATE 10-4-88

TO: HALLIBURTON SERVICES YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICEMEN TO DELIVER AND OPERATE THE SAME AS AN INDEPENDENT CONTRACTOR TO Kenny Brown Enterprises (CUSTOMER) AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING

WELL NO. 13 LEASE DOPITA A SEC. 31 TWP. 8 RANGE 17

FIELD _____ COUNTY _____ STATE _____ OWNED BY _____

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION NAME	TYPE	NEW USED	WEIGHT	SIZE	FROM	TO	MAX. ALLOW. P.S.I.
FORMATION THICKNESS	FROM TO						
PACKER: TYPE	SET AT						
TOTAL DEPTH	MUD WEIGHT						
BORE HOLE							SHOTS/FT.
INITIAL PROD: OIL _____ BPD, H ₂ O _____ BPD, GAS _____ MCF							
PRESENT PROD: OIL _____ BPD, H ₂ O _____ BPD, GAS _____ MCF							
PERFORATIONS							
PERFORATIONS							
PERFORATIONS							

PREVIOUS TREATMENT: DATE _____ TYPE _____ MATERIALS _____

TREATMENT INSTRUCTIONS: TREAT THRU TUBING ANNULUS CASING TUBING/ANNULUS HYDRAULIC HORSEPOWER ORDERED Cement 5 1/2 production casing w/ 300sk Econalite, + 150sk BA2 AS Directed.

CUSTOMER OR HIS AGENT WARRANTS THE WELL IS IN PROPER CONDITION TO RECEIVE THE PRODUCTS, SUPPLIES, MATERIALS, AND SERVICES

- As consideration, the above-named Customer agrees: THIS CONTRACT MUST BE SIGNED BEFORE WORK IS COMMENCED
- To pay Halliburton in accord with the rates and terms stated in Halliburton's current price lists.
- Halliburton shall not be responsible for and Customer shall secure Halliburton against any liability for damage to property of Customer and of the well owner (if different from Customer), unless caused by the willful misconduct or gross negligence of Halliburton, this provision applying to but not limited to subsurface damage and surface damage arising from subsurface damage.
- Customer shall be responsible for and secure Halliburton against any liability for reservoir loss or damage, or property damage resulting from subsurface pressure, losing control of the well and/or a well blowout, unless such loss or damage is caused by the willful misconduct or gross negligence of Halliburton.
- Customer shall be responsible for and secure Halliburton against any and all liability of whatsoever nature for damages as a result of subsurface trespass, or an action in the nature thereof, arising from a service operation performed by Halliburton hereunder.
- Customer shall be responsible for and secure Halliburton against any liability for injury to or death of persons, other than employees of Halliburton, or damage to property (including, but not limited to, injury to the well), or any damages whatsoever, irrespective of cause, growing out of or in any way connected with the use of radioactive material in the well hole, unless such damage shall be caused by the willful misconduct or gross negligence of Halliburton.
- Halliburton makes no guarantee of the effectiveness of the products, supplies or materials, nor of the results of any treatment or service.
- To the extent permitted by law, waives the provisions of the Deceptive Trade Practices - Consumer Protection Act.
- Customer shall, at its risk and expense, attempt to recover any Halliburton equipment, tools or instruments which are lost in the well and if such equipment, tools or instruments are not recovered, Customer shall pay Halliburton its replacement cost unless such loss is due to the sole negligence of Halliburton. If Halliburton equipment, tools or instruments are damaged in the well, Customer shall pay Halliburton the lesser of its replacement cost or the cost of repairs unless such damage is caused by the sole negligence of Halliburton. In the case of equipment, tools or instruments for marine operations, Customer shall, in addition to the foregoing, be fully responsible for loss of or damage to any of Halliburton's equipment, tools or instruments which occurs at any time after delivery to Customer at the landing until returned to the landing, unless such loss or damage is caused by the sole negligence of Halliburton.
- Because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, Halliburton is unable to guarantee the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by Halliburton. Halliburton personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that Halliburton shall not be responsible for any damages arising from the use of such information except where due to Halliburton's gross negligence or willful misconduct in the preparation or furnishing of it.
- Halliburton warrants only title to the products, supplies and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Halliburton's liability and Customer's exclusive remedy in any cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale or use of any products, supplies or materials is expressly limited to the replacement of such products, supplies or materials on their return to Halliburton or, at Halliburton's option, to the allowance to the Customer of credit for the cost of such items. In no event shall Halliburton be liable for special, incidental, indirect, punitive or consequential damages.
- Invoices payable NET by the 20th of the following month after date of invoice. Upon Customer's default in payment of Customer's account by the last day of the month following the month in which the invoice is dated, Customer agrees to pay interest thereon after default at the highest lawful contract rate applicable but never to exceed 15% per annum. In the event it becomes necessary to employ an attorney to enforce collection of said account, Customer agrees to pay all collection costs and attorney fees in the amount of 20% of the amount of the unpaid account.
- This contract shall be governed by the law of the state where services are performed or equipment or materials are furnished.
- Halliburton shall not be bound by any changes or modifications in this contract, except where such change or modification is made in writing by a duly authorized executive officer of Halliburton.

I HAVE READ AND UNDERSTAND THIS CONTRACT AND REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMER'S AGENT.

SIGNED Kenny Brown CUSTOMER

DATE 10-4-88

TIME 1030 A.M. P.M.

We certify that the Fair Labor Standards Act of 1938, as amended, has been complied with in the production of goods and/or with respect to services furnished under this contract.

JOB LOG

WELL NO. 13 LEASE Dopita A TICKET NO. 650632
 CUSTOMER Kenny Brown Enterprises PAGE NO. _____
 JOB TYPE Cement 5 1/2 casing DATE 10-4-88

FORM 2011 R-2

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL / GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0800							Called out
	1000							On Location
	1030							Great Guns Log well
	1230							START Pipe into hole
								Placed Centralizers on
								1, 4, 7, 10, 13, +56
								Placed Baskets on 1, 9, 15, +56
	1415							Pipe on Bottom - Hook up to Circulator
	1445							Hook up to mix cement
	1446	7						START MIXING Cement
	1530		261					Finish mixing
								WASH pump + Lines
								Drop Plug
	1534	5 1/2						START Displacement
	1550		83.5			1200		Finish Displacement
								Circulated Good Cement
								Plug down - Float Held
								Thanks For calling
								Halliburton
								D. McGhee 41335
								L. Dineel 132150
								R. Brown 57220
								R. Kahn 51361
								RECEIVED
								STATE CORPORATION COMMISSION
								DEC 15 1988
								CONSERVATION DIVISION
								Wichita, Kansas



HALLIBURTON SERVICES

JOB SUMMARY

HALLIBURTON DIVISION Wichita, KS

HALLIBURTON LOCATION HA 1/3, KS

BILLED ON TICKET NO. 650832

WELL DATA

FIELD _____ SEC. 31 TWP. 8 RNG. 17 COUNTY Rock STATE KS ^{3458'}

FORMATION NAME	TYPE	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
FORMATION THICKNESS	FROM TO	CASING		<u>5 1/2</u>	<u>KB</u>	<u>3498</u>	
INITIAL PROD. OIL	BPD. WATER	BPD. GAS	MCFD	LINER			
PRESENT PROD. OIL	BPD. WATER	BPD. GAS	MCFD	TUBING			
COMPLETION DATE	MUD TYPE	MUD WT.	OPEN HOLE				SHOTS/FT.
PACKER TYPE	SET AT		PERFORATIONS				
BOTTOM HOLE TEMP.	PRESSURE		PERFORATIONS				
MISC. DATA	TOTAL DEPTH		PERFORATIONS				

JOB DATA

CALLER OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>10-4-88</u>	DATE <u>10-4-88</u>	DATE <u>10-4-88</u>	DATE <u>10-4-88</u>
TIME <u>10:00</u>	TIME <u>1000</u>	TIME <u>1448</u>	TIME <u>1550</u>

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR <u>1/2" x 1 1/2" x 11 1/2"</u>	<u>1</u>	<u>Howco</u>
FLOAT SHOE		
GUIDE SHOE	<u>1</u>	<u>Howco</u>
CENTRALIZERS	<u>6</u>	<u>Howco</u>
BOTTOM PLUG		
TOP PLUG	<u>1</u>	<u>Howco</u>
HEAD	<u>1</u>	<u>Howco</u>
PACKER		
OTHER <u>BASKET</u>	<u>4</u>	<u>Howco</u>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>OLMKEE</u>	<u>51143</u>	<u>Howco, KS</u>
<u>L. Dinkel</u>		
<u>K. Parsons</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
FLOCKING AGENT TYPE	GAL.-LB.	
PERFPAC BALLS TYPE	QTY.	
OTHER		
OTHER		

DEPARTMENT Concrete

DESCRIPTION OF JOB Concrete 5 1/2" production string as directed

JOB DONE THRU: TUBING CASING ANNULUS TBG./ANN.

CUSTOMER REPRESENTATIVE Kenneth Brown

HALLIBURTON OPERATOR Ol Mee COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	TYPE	API CLASS	BRAND	BULK SACKED	ADDITIVES	YIELD CU. FT./SK.	MIXED LBS./GAL.
	<u>350</u>	<u>EA-2</u>	<u>A</u>	<u>Port</u>	<u>B</u>	<u>1/2" Elocel</u>	<u>3.61</u>	<u>10.4</u>
	<u>150</u>	<u>EA-2</u>	<u>A</u>	<u>Port</u>	<u>B</u>	<u>1 1/2" Elocel</u>	<u>1.36</u>	<u>15.5</u>

RECEIVED STATE CORPORATION COMMISSION

DEC 15 1988

PRESSURES IN PSI

SUMMARY

VOLUMES

CIRCULATING _____ DISPLACEMENT _____ PRESLUSH: BBL.-GAL. _____

BREAKDOWN _____ MAXIMUM _____ LOAD & BKDN: BBL.-GAL. _____ TYPE _____

AVERAGE _____ FRACTURE GRADIENT _____ TREATMENT: BBL.-GAL. _____ PAD: BBL.-GAL. _____

SHUT-IN: INSTANT _____ 5-MIN. _____ 15-MIN. _____ CEMENT SLURRY: BBL.-GAL. 261 DISPL: BBL.-GAL. 83.5

HYDRAULIC HORSEPOWER _____ TOTAL VOLUME: BBL.-GAL. 344.5

ORDERED _____ AVAILABLE _____ USED _____ REMARKS Circulated good cement

AVERAGE RATES IN BPM _____

TREATING _____ DISPL. _____ OVERALL _____

CEMENT LEFT IN PIPE _____

FEET 12 REASON Requested

CUSTOMER NAME: KENNETH BROWN, ADDRESS: 1000 S. 10th St., WICHITA, KS 67202, PHONE: 345-8000, DATE: 10-4-88