

FORM MUST BE TYPED

ORIGINAL SIDE ONE

15-163-19035-0003

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

API NO. 15- Docket C-18,441

County Rooks

NE - NE - SE - Sec. 31 Twp. 8 Rge. 17 X E

2310 Feet from (S)N (circle one) Line of Section

330 Feet from (E)W (circle one) Line of Section

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

Lease Name Dopita A Well # SWD # 2

Field Name Dopita

Producing Formation Granite Wash-disposal of water

Elevation: Ground \_\_\_\_\_ KB \_\_\_\_\_

Total Depth 3542' PBTD \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at 124' Feet

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 cat.

Drilling Fluid Management Plan REWORK JN 8-10-94  
(Data must be collected from the Reserve Pit)

Used steel tank

Chloride content \_\_\_\_\_ ppm Fluid volume \_\_\_\_\_ bbls

Dewatering method used Vacuum Truck

Location of fluid disposal if hauled offsite:

Operator Name Kenneth O Brown Estate

Lease Name Dopita A License No. 5537

SE/4 Quarter Sec. 31 Twp. 8 S Rng. 17 E/W

County Rooks Docket No. C-18,441

Operator: License # 5537

Name: Kenneth O Brown Estate

Address P O Drawer 340

400 N. Washington

City/State/Zip Plainville, Ks. 67663

Purchaser: \_\_\_\_\_

Operator Contact Person: Kenneth O Brown Jr.

Phone (913) 434-7236

Contractor: Name: Plainville Well Service

License: \_\_\_\_\_

Wellsite Geologist: \_\_\_\_\_

Designate Type of Completion

\_\_\_\_\_ New Well \_\_\_\_\_ Re-Entry X Workover

\_\_\_\_\_ Oil X SWD \_\_\_\_\_ SIOW \_\_\_\_\_ Temp. Abd.

\_\_\_\_\_ Gas \_\_\_\_\_ ENHR \_\_\_\_\_ SIGW

\_\_\_\_\_ Dry \_\_\_\_\_ Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows:

Operator: Kenneth O Brown / Kenny Brown

Well Name: Dopita A-SWD # 2 Enterprises

Comp. Date 4-76 Old Total Depth 3542'

\_\_\_\_\_ Deepening \_\_\_\_\_ Re-perf. X Conv. to Inj/SWD

\_\_\_\_\_ Plug Back \_\_\_\_\_ PBTD

\_\_\_\_\_ Commingled \_\_\_\_\_ Docket No. \_\_\_\_\_

\_\_\_\_\_ Dual Completion \_\_\_\_\_ Docket No. \_\_\_\_\_

X \_\_\_\_\_ Other (SWD or Inj?) Docket No. C-18,441

2-24-94

3-1-94

\_\_\_\_\_ Date OF START Date Reached TD  
OF WORKOVER

\_\_\_\_\_ Completion Date OF  
WORKOVER

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.

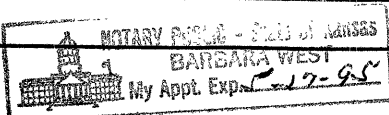
Signature Wick E Brown

Title Operator & Executive Date 3-7-94

Subscribed and sworn to before me this 7<sup>th</sup> day of March, 19 94.

Notary Public Barbara West

Date Commission Expires \_\_\_\_\_



K.C.C. OFFICE USE ONLY  
F \_\_\_\_\_ Letter of Confidentiality Attached  
C \_\_\_\_\_ Wireline Log Received  
C \_\_\_\_\_ Geologist Report Received 3/6/94  
Distribution  
✓ KCC \_\_\_\_\_ SWD/Rep \_\_\_\_\_ NSPA  
\_\_\_\_\_ KGS \_\_\_\_\_ Plug \_\_\_\_\_ Other \_\_\_\_\_  
CONSERVATION DIVISION  
Wichita, Kansas  
(Specify)

Operator Name Kenneth O Brown Estate Lease Name Dopita A Well # SWD # 2  
 S.c. 31 Twp. 8 Rge. 17  East County Rooks  West

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  Log Formation (Top), Depth and Datums  Sample  
 (Attach Additional Sheets.)  
 Samples Sent to Geological Survey  Yes  No Name Top Datum  
 Cores Taken  Yes  No  
 Electric Log Run  Yes  No  
 (Submit Copy.)

List All E.Logs Run:  
 Squeezed holes in old 5 1/2" casing, run 4 1/2" casing inside of 5 1/2" casing.  
 run 2 7/8" tubing set Arrow tension packer @ 3372'. Pressure @ 300# for 30 minutes.

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
Liner		4 1/2"	10 1/2 lb.	3379'	50 Standard 75 HLC	125	1% CFR-3 75% CFR-3

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	3163-3363	60/40 pos	250	2%
<input checked="" type="checkbox"/> Plug Back TD				
<input checked="" type="checkbox"/> Plug Off Zone	460'-surface	60/40 com	100	Common

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

TUBING RECORD Size 2 7/8" Set At 3372' Packer At 3372' Liner Run  (4 1/2") Yes  No

Date of First, Resumed Production, SWD or Inj. 3-1-94 Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

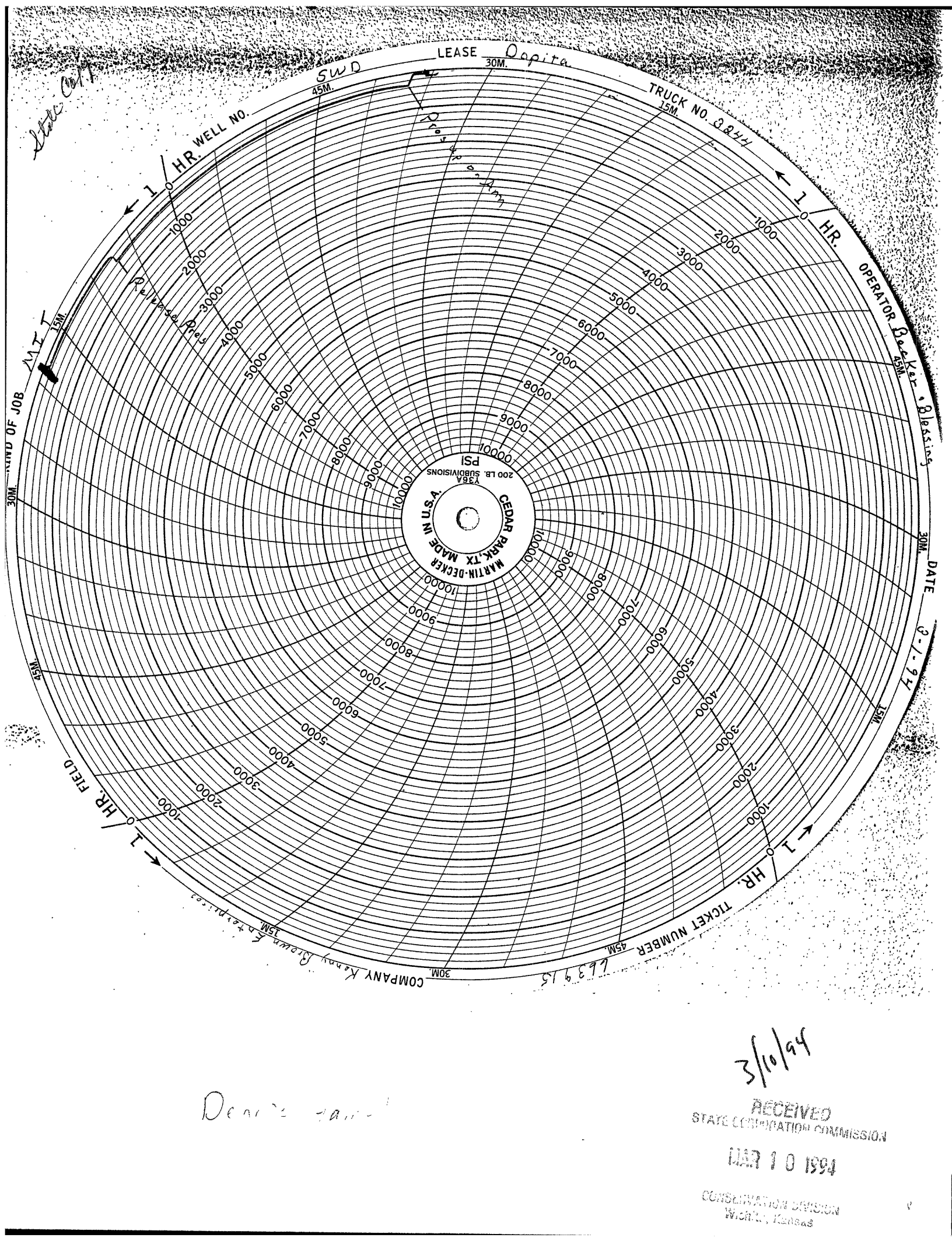
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

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

METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) Disposal of water-Granite wash

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

*State Co.*



*Denise*

*3/10/94*

RECEIVED  
STATE CERTIFICATION COMMISSION

MAR 10 1994

CONSERVATION DIVISION  
Wichita, Kansas

JOB SUMMARY

HALLIBURTON DIVISION *m.d. Continent*  
 HALLIBURTON LOCATION *Hays, Ks*

BILLED ON TICKET NO. *6639*

WELL DATA

FIELD \_\_\_\_\_ SEC *31* TWP *8* RING *17* COUNTY *Rock* 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 \_\_\_\_\_

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	<i>W</i>		<i>5 1/2</i>	<i>0</i>		
LINER	<i>N</i>		<i>4 1/2</i>	<i>0</i>		
TUBING						
OPEN HOLE						SHOTS/FT
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

CALLLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <i>2-25-91</i>	DATE <i>2-25-91</i>	DATE <i>2-25-91</i>	DATE _____
TIME <i>15:00</i>	TIME <i>16:30</i>	TIME <i>16:30</i>	TIME _____

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<i>J. Beckman</i>	<i>41220</i>	<i>PU 410011</i>
<i>G. Blossing</i>	<i>52160</i>	<i>Comb 32111 Hays, Ks</i>
<i>R. Brown</i>	<i>59220</i>	<i>BT 0218</i>
<i>J. Dunkel</i>	<i>82150</i>	

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE		
CENTRALIZERS		
BOTTOM PLUG		
TOP PLUG		
HEAD		
PACKER		
OTHER		

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 \_\_\_\_\_

PERFFAC BALLS TYPE \_\_\_\_\_ QTY \_\_\_\_\_

OTHER \_\_\_\_\_

OTHER \_\_\_\_\_

DEPARTMENT *Cement*

DESCRIPTION OF JOB *Run Top of Line*

JOB DONE THRU: TUBING  CASING  ANNULUS  TBG/ANN

CUSTOMER REPRESENTATIVE *X Kerry Brown*

HALLIBURTON OPERATOR *John Beckman*

COPIES REQUESTED \_\_\_\_\_

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK	MIXED LBS./GAL
	<i>106</i>	<i>Cem</i>		<i>B</i>	<i>-</i>	<i>1.18</i>	<i>15.6</i>

PRESSURES IN PSI

SUMMARY

VOLUMES

CIRCULATING \_\_\_\_\_ DISPLACEMENT \_\_\_\_\_ PRESLUSH: BBL-GAL \_\_\_\_\_ TYPE \_\_\_\_\_

BREAKDOWN \_\_\_\_\_ MAXIMUM \_\_\_\_\_ LOAD & BKDN: BBL-GAL \_\_\_\_\_ PAD: BBL-GAL \_\_\_\_\_

AVERAGE \_\_\_\_\_ FRACTURE GRADIENT \_\_\_\_\_ TREATMENT: BBL-GAL \_\_\_\_\_ DISPL: BBL-GAL \_\_\_\_\_

SHUT-IN: INSTANT \_\_\_\_\_ 5-MIN \_\_\_\_\_ 15-MIN \_\_\_\_\_ CEMENT SLURRY: BBL-GAL *21*

ORDERED \_\_\_\_\_ AVAILABLE \_\_\_\_\_ USED \_\_\_\_\_ TOTAL VOLUME: BBL-GAL \_\_\_\_\_

TREATING \_\_\_\_\_ DISPL \_\_\_\_\_ OVERALL \_\_\_\_\_

CEMENT LEFT IN PIPE \_\_\_\_\_

FEET \_\_\_\_\_ REASON \_\_\_\_\_

REMARKS: *See Sub Log of Hand Job*

DATE *3/10/91*

PREPARED BY *[Signature]*

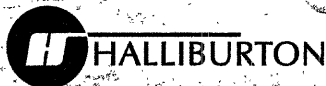
DATE *2-25-91*

WELL NO. *SWD*

JOB TYPE *1979-1-1500*

DATE *2-25-91*





DATE 2-25-94

JOB LOG FORM 2013 R-4

CUSTOMER: Kony Bedon Engrg. WELL NO.: SWD LEASE: Operta JOB TYPE: Cmt Top Back Side TICKET NO.: 663914

Table with columns: CHART NO., TIME, RATE (BPM), VOLUME (BBL) (GAL), PUMPS (T, C), PRESSURE (PSI) (TUBING, CASING), DESCRIPTION OF OPERATION AND MATERIALS. Includes handwritten entries for times (5:00, 16:30, 16:58, 17:05, 17:17, 17:33, 17:40, 18:44) and pressures (Ann, 200, 325, 175, 200, 100).

Handwritten signature: J. Young

3/10/94

RECEIVED stamp with date 3/10/94 and other illegible text.



WELL DATA  
FIELD \_\_\_\_\_ SEC 31 TWP 8 RNC 17 COUNTY Rooks 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 PBD 3311

NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
	148	5 1/2		3881	
		4 1/2	6L	3777	

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE <u>Weld on 4 1/2</u>	<u>1</u>	<u>Baker</u>
CENTRALIZERS		
BOTTOM PLUG		
TOP PLUG <u>5W 4 1/2</u>	<u>1</u>	<u>Howco</u>
HEAD		
PACKER		
OTHER		

JOB DATA

CALLER OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>2-24</u>	DATE <u>2-24</u>	DATE <u>2-24</u>	DATE <u>2-24</u>
TIME <u>1215</u>	TIME <u>1345</u>	TIME <u>1515</u>	TIME <u>1745</u>

PERSONNEL AND SERVICE UNITS

NAME	UNITING & TYPE	LOCATION
<u>A. Cabell 8F686</u>	<u>P.V.</u>	<u>HAYS, KS.</u>
<u>R. Berens 57220</u>	<u>Pump</u>	<u>HAYS, KS.</u>
<u>M. Karlin 61511</u>	<u>51574</u>	<u>HAYS, KS.</u>
<u>A. Weert 86101</u>	<u>8016</u>	<u>HAYS, KS.</u>
<u>L. Dinkal 82150</u>	<u>3860</u>	<u>HAYS, KS.</u>
	<u>P.V.</u>	
	<u>40087</u>	<u>HAYS, KS.</u>
	<u>Cam</u>	
	<u>40312</u>	<u>HAYS, KS.</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 Cement liner as per instruction  
JOB DONE THRU: TUBING  CASING  ANNULUS  TBG/ANN   
CUSTOMER REPRESENTATIVE X Jimmy Brown  
HALLIBURTON OPERATOR Alan Cabell  
COPIES REQUESTED \_\_\_\_\_

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU FT / SK	MIXED LBS / GAL
	<u>75</u>	<u>HLC</u>	<u>Howco</u>	<u>B</u>	<u>.75% CFR-3</u>	<u>1.78</u>	<u>12.7</u>
	<u>50</u>	<u>STANDARD</u>	<u>Howco</u>	<u>B</u>	<u>1% CFR-3</u>	<u>1.18</u>	<u>15.6</u>

PRESSURES IN PSI

CIRCULATING \_\_\_\_\_ DISPLACEMENT \_\_\_\_\_  
BREAKDOWN \_\_\_\_\_ MAXIMUM \_\_\_\_\_  
AVERAGE \_\_\_\_\_ FRACTURE GRADIENT \_\_\_\_\_  
SHUT-IN: INSTANT \_\_\_\_\_ 5-MIN \_\_\_\_\_ 15-MIN \_\_\_\_\_  
HYDRAULIC HORSEPOWER \_\_\_\_\_  
ORDERED \_\_\_\_\_ AVAILABLE \_\_\_\_\_ USED \_\_\_\_\_  
AVERAGE RATES IN BPM \_\_\_\_\_  
TREATING \_\_\_\_\_ DISPL \_\_\_\_\_ OVERALL \_\_\_\_\_  
CEMENT LEFT IN PIPE \_\_\_\_\_  
FEET \_\_\_\_\_ REASON \_\_\_\_\_

SUMMARY

PRESLUSH: BBL-GAL \_\_\_\_\_ TYPE \_\_\_\_\_  
LOAD & BKDN: BBL-GAL \_\_\_\_\_ PAD: BBL-GAL \_\_\_\_\_  
TREATMENT: BBL-GAL \_\_\_\_\_ DISPL: BBL-GAL \_\_\_\_\_  
CEMENT SLURRY: BBL-GAL 23.78 / 10.51  
TOTAL VOLUME: BBL-GAL \_\_\_\_\_  
REMARKS  
SEE JOB LOG  
Thank You! AL

JOB NO. \_\_\_\_\_  
 DATE \_\_\_\_\_  
 JOB TYPE \_\_\_\_\_  
 DATE 2-24-94



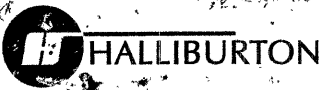
**JOB LOG FORM 2013 R-4**

 CUSTOMER **Kenny Brown** WELL NO. **5WD** LEASE **DOPETA** JOB TYPE **Liner** TICKET NO. **663893**

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1215							Called out
	1345							on loc. - running csg.
	1520							csg. in hole hook to circ.
	1528							Start pump
	1536							switch hose to tank
	1542		42					hole loaded - pumped 42 bbl
								Press to 200' - 3 1/2 bbl
	1543		45					Stop pump - knock base from csg. - land and
								weld csg. to collar
	1635							hook to csg.
	1640							Start pump to circ.
	1643							hole loaded
	1646							stop pump - start mix cont
								75 sks HCC - 75 bbl CFR-3
								25 sks Command 1% CFR-3
	1648							start cont
	1705							finish cont
								wash out pump + lines - release plug + wireline
	1715							start displ.
	1732		53 1/2					press @ 400' 53.5 bbl pumped - shut down
	1733							shut in csg. tagged plug w/wireline @ 3355
								wash + rack up tek. vachan
	1745							Job Complete

Thank You!  
 Al Kenny  
 Pete Post + med

STATE OF TEXAS  
 3/10/94  
 DIVISION OF OIL & GAS  
 REGISTRY



# JOB SUMMARY

HALLIBURTON DIVISION  
HALLIBURTON LOCATION

Mid. cont  
Hays, KS

BILLED ON TICKET NO. 663254

## WELL DATA

FIELD \_\_\_\_\_ SEC. 21 TWP. 8 RNG. 17<sup>W</sup> COUNTY Rocks 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 \_\_\_\_\_

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	U		5 1/2	0	3383	
LINER						
TUBING						
OPEN HOLE				3383		SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

## JOB DATA

### TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE		
CENTRALIZERS		
BOTTOM PLUG		
TOP PLUG		
HEAD		
PACKER		
OTHER		

CALLER OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>2-10-94</u>	DATE <u>2-10-94</u>	DATE <u>2-10-94</u>	DATE _____
TIME <u>0630</u>	TIME <u>0910</u>	TIME <u>0930</u>	TIME _____

### MATERIALS

TREAT. FLUID \_\_\_\_\_ DENSITY \_\_\_\_\_ LB./GAL. °API

DISPL. FLUID \_\_\_\_\_ DENSITY \_\_\_\_\_ LB./GAL. °API

PROP. TYPE \_\_\_\_\_ SIZE \_\_\_\_\_ LB.

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. \_\_\_\_\_ IN

PERFFAC BALLS TYPE \_\_\_\_\_ QTY. \_\_\_\_\_

OTHER \_\_\_\_\_

### PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>K. Richmeter</u>	<u>40091</u>	<u>Hays, KS</u>
<u>R. Worth</u>	<u>39603</u>	<u>Hays, KS</u>
<u>B. F. Wells</u>	<u>40092</u>	<u>Hays, KS</u>
<u>R. Barans</u>	<u>57220</u>	<u>Hays, KS</u>
<u>D. Barlow</u>	<u>21324</u>	<u>Hays, KS</u>
	<u>0818</u>	<u>Hays, KS</u>

DEPARTMENT CMT

DESCRIPTION OF JOB pump sand + run meas line

JOB DONE THRU: TUBING  CASING  ANNULUS  TBG/ANN.

CUSTOMER REPRESENTATIVE X Kenny Brown

HALLIBURTON OPERATOR Ken Richmeter COPIES REQUESTED \_\_\_\_\_

## CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK	MIXED LBS./GAL.
	<u>250</u>	<u>40/60</u>	<u>Port</u>	<u>B</u>	<u>2% gel 2% K</u>	<u>128</u>	<u>14.3</u>

### PRESSURES IN PSI

CIRCULATING \_\_\_\_\_ DISPLACEMENT \_\_\_\_\_

BREAKDOWN \_\_\_\_\_ MAXIMUM \_\_\_\_\_

AVERAGE \_\_\_\_\_ FRACTURE GRADIENT \_\_\_\_\_

SHUT-IN: INSTANT \_\_\_\_\_ 5-MIN \_\_\_\_\_ 15-MIN \_\_\_\_\_

HYDRAULIC HORSEPOWER \_\_\_\_\_

ORDERED \_\_\_\_\_ AVAILABLE \_\_\_\_\_ USED \_\_\_\_\_

AVERAGE RATES IN BPM \_\_\_\_\_

TREATING \_\_\_\_\_ DISPL. \_\_\_\_\_ OVERALL \_\_\_\_\_

CEMENT LEFT IN PIPE \_\_\_\_\_

FEET \_\_\_\_\_ REASON \_\_\_\_\_

## SUMMARY

### VOLUMES

PRESLUSH: BBL.-GAL. \_\_\_\_\_ TYPE \_\_\_\_\_

LOAD & BKDN: BBL.-GAL. \_\_\_\_\_ PAD: BBL.-GAL. \_\_\_\_\_

TREATMENT: BBL.-GAL. \_\_\_\_\_ DISPL: BBL.-GAL. 15

CEMENT SLURRY: BBL.-GAL. 57

TOTAL VOLUME: BBL.-GAL. \_\_\_\_\_

REMARKS Thank you  
Ken  
Allen, Ron

RECEIVED 3/10/94  
DATE 2-10-94

CUSTOMER: Kenny Brown ENT  
LEASE: Adipita  
WELL NO.: 540  
JOB TYPE: ENT



CUSTOMER <b>Kenny Brown Ent.</b>	WELL NO. <b>SUD</b>	LEASE <b>Dopita</b>	JOB TYPE <b>CIR &amp; Test</b>	TICKET NO. <b>663857</b>
-------------------------------------	------------------------	------------------------	-----------------------------------	-----------------------------

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)		PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
					T	C	TUBING	CASING	
	0630								called out to spot sand, in open hole
	0910								on loc w/ 40 SKS sand
	0930								Run in w/ meas line + check TD
	0945								Big TD @ 3410', meas line TD 3485'
	1130								Pull wire line & spot 20 SKS sand down end
	1215								check TD no fill w/wl
	1230								" " no fill, pull w/l
	1345								Dump 10 SKS sand
	1430								check fill TD 3415'
	1500								check fill TD 3470'
	1505								" " TD 3470'
	1610								Dump 11 SKS sand 41 SKS total
	1645								check fill 3368'
	1710								" " 3363' pull wire
	0830								Line out & shut down for the day
									on loc 2-11-94 - setup 48 hrs job
									Run in Hole w/ open end tbg
									tag sand @
									try to establish circ short way
									couldn't get circ.
									go long way - couldn't get circ
									tag sand @ 3358'
	1300								pull tbg
	1455								Run back in Hole w/ R-4 PSE
								100'	test ann @ 200' 6 BBLs (and)
									PST blinds off
		4						100'	test down 2 3/8 tbg. 4 BPM @ 400'
									Bull R-4 out of Hole.
									go in w/ Deep Anchor + spot cement
									on sand @ 3358'
	1640								start in Hole w/ RTH
									RTHs swing @ 2885'
	1800								shut down for the Day.

**JOB LOG**

WELL NO. SWD LEASE Ogita TICKET NO. 663257

CUSTOMER KBE PAGE NO. 2

FORM 2013 R-2

JOB TYPE Squeeze DATE 2-12-94

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
3	0730							on loc 2-12-94 - tail gate meeting Rig up Equip to squeeze set PKR @ 2925
		3	1			400#	100#	Load ANN. "Leave open during Job" TAKE inj Rate down flg.
	0846	3				200#		start mixing 25UBTS cont 40/60 Poz 2% gel 20/0CC
	0903		57			400#		18 BBLs Pump PSI slowly increases Fin mix, wash out Pump & Line. clear PSI BACK on ANN - ANN staged Full Bump PSI to 100#, Left ANN open while Disp.
	0905	2				0#		start Disp. - 0# PSI
		6/2				0#		6 1/2 BBLs out
		1 3/4	8 1/2			100#		8 1/2 BBLs out
	0914	1 3/4	13			175#		13 BBL out, Shut IN + wash up Equip.
	0922					0#		PSI BACK on sq. well on unc.
	0926					0#		14 BBL out
	0936		15			100#		Bump sq. 15 BBLs total Disp out
	1000					500#		Bump sq.
	1001					800#		Increase PSI to 800# + stage
	1013					750#		Release PSI to TRK Day
	1115						300#	Release PKR + wash down to APPROX <del>2140</del> 2140'
	1300 <sup>H</sup>							Pull PKR. out of Hole.
	1315							Start inwp bit + Drill collars Rig crew shuts down to eat lunch
							200#	Start Drilling @ 3180
								Shut down for the day @ 3225'
	1930	2 1/2	75				200#	Pull Bit to 2805 - Clean up Hole Shut down for the week

RECEIVED  
STATE OF KANSAS  
3/10/94  
MAR 10 1994  
CONSERVATION DIVISION  
Wichita, Kansas