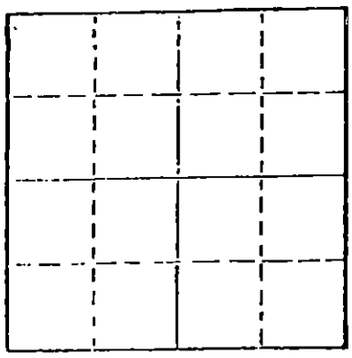
15-191-20727-0000

FORM CP-4

STATE OF KANSAS
STATE CORPORATION COMMISSION

WELL PLUGGING RECORD

Give All Information Completely
Make Required Affidavit
Mail or Deliver Report to
Conservation Division
State Corporation Comm.
245 North Water
Wichita, KS 67202



Locate well correctly on above Section Plat

Sumner County. Sec. 22 Twp. 30 S Rge. 1 E/W
Location as "NE/CNW¼SW¼" or footage from lines
330' FNL 1580' FEL (NE NW NE)
Lease Owner Kan-Go, Inc.
Lease Name Denman Well No. 1
Office Address Box 277, Marion, Kansas 66861
Character of Well (Completed as Oil, Gas or Dry Hole)
D & A
Date Well completed 12/29 19 77
Application for plugging filed 12/29 19 77
Application for plugging approved 12/30 19 77
Plugging commenced 12/30 19 77
Plugging completed 12/30 19 77
Reason for abandonment of well or producing formation
D & A
If a producing well is abandoned, date of last production 19
Was permission obtained from the Conservation Division or its agents before plugging was commenced? Yes

Name of Conservation Agent who supervised plugging of this well Carl Barnett
Producing formation Depth to top Bottom Total Depth of Well
Show depth and thickness of all water, oil and gas formations.

OIL, GAS OR WATER RECORDS — CASING RECORD

FORMATION	CONTENT	FROM	TO	SIZE	PUT IN	PULLED OUT
				8 5/8	350'	None

Describe in detail the manner in which the well was plugged, indicating where the mud fluid was placed and the method or methods used in introducing it into the hold. If cement or other plugs were used, state the character of same and depth placed, from feet to feet for each plug set.

Mudded hole 375'; set 8 5/8 plug; applied 25 sacks of class A. common; mudded hole to 40'; applied 10 sacks class A common; applied 2 sacks class A common to rathole.

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JAN 11 1978
1-11-78
CONSERVATION DIVISION
Wichita, Kansas

(If additional description is necessary, use BACK of this sheet)
Name of Plugging Contractor Kan-Go, Inc., Marion, Kansas 66861

STATE OF Kansas COUNTY OF Marion, ss.
Jerry Elmore (employee of owner) or (owner or operator)
of the above-described well, being first duly sworn on oath, says: That I have knowledge of the facts, statements, and matters herein contained and the log of the above-described well as filed and that the same are true and correct. So help me God.

(Signature) Jerry Elmore
Box 277, Marion, Kansas 66861
(Address)

SUBSCRIBED AND SWORN TO before me this 9th day of January, 1978

CYNTHIA D. RUTHLOFF
Marion County, Ks.
My Appt. Exp. 10-11-80

Cynthia D. Ruthloff
Notary Public.

My commission expires 10-11-80

15-191-20727-0000

Welex

INDUCTION • ELECTRIC LOG

COMPANY KAN-GO INCORPORATED

WELL DENMAN #1

FIELD

COUNTY SUMNER STATE KANSAS

Location

330' FNL
1550' FEL

Sec. 22 Twp. 30S Rge. 1W

Other Services:
G-CDL

COMPANY | WELL | FIELD | County | State

Permanent Datum GROUND LEVEL Elev. 1258'
Log Measured From KELLY BUSHING Ft. Above Perm. Datum
Drilling Measured From KELLY BUSHING

Elev.: K.B. 1265
D.F.
G.L. 1258'

Date	12-27-77			
Run No.	ONE			
Depth—Driller	3890'			
Depth—Welex	3890'			
Btm. Log Inter.	3889'			
Top Log Inter.	0			
Casing—Driller	8 5/8" @ 345'	@	@	@
Casing—Welex	350			
Bit Size	7 7/8"			
Type Fluid in Hole	DRILLING MUD			
Dens. I Visc.	9.5 I 48	I	I	I
pH I Fluid Loss	9.5 18.8 ml	I ml	I ml	I ml
Source of Sample	FLOWLINE			
R_m @ Meas. Temp.	1.4 @ 50 °F	@ °F	@ °F	@ °F
R_{mf} @ Meas. Temp.	.9 @ 50 °F	@ °F	@ °F	@ °F
R_{mc} @ Meas. Temp.	2.5 @ 50 °F	@ °F	@ °F	@ °F
Source R_{mf} R_{mc}	MEAS I MEAS	I	I	I
R_m @ BHT	.66 @ 110 °F	@ °F	@ °F	@ °F
Time Since Circ.	2 hrs			
Max. Rec. Temp.	110 °F @ TD	°F @	°F @	°F @

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Wichita, Kansas

SCALE CHANGES NONE

Type Log	Depth	Scale Up Hole	Scale Down Hole

EQUIPMENT DATA

Run No.	Tool Type and No.	Pad Type	Tool Position	Other
ONE	MIA SN 106641		CENT	

Change in Mud Type or Additional Samples

Sample No.
Depth—Driller
Type Fluid in Hole
Dens. I Visc.
pH I Fluid Loss
Source of Sample
R_m @ Meas. Temp. @ °F @ °F
R_{mf} @ Meas. Temp. @ °F @ °F
R_{mc} @ Meas. Temp. @ °F @ °F
Source R_{mf} R_{mc}
R_m @ BHT 1.0 @ 110 °F
R_{mf} @ BHT .42 @ 110 °F
R_{mc} @ BHT 1.3 @ 110 °F

Remarks:

Ticket No.

Welex does not guarantee the accuracy of any interpretation of log data, conversion of log data to physical rock parameters, or recommendations which may be given by Welex personnel or which may appear on the log or in any other form. Any user of such data, interpretations, conversions, or recommendations agrees that Welex is not responsible except for those due to gross negligence or wilful misconduct, for any loss, damages, or expenses resulting from the use thereof.

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COMPENSATED DENSITY GAMMA CALIPER LOG

COMPANY KAV-GO INCORPORATED

WELL DENMAN #1

FIELD

COUNTY SUMNER STATE KANSAS

COMPANY / WELL / FIELD / County / State

Location 330' FNL 1880' FEL

Sec. 22 Twp 30S Rge 1W

Other Services: IEL

Permanent Datum GROUND LEVEL Elev. 1258'

Log Measured From KELLY BUSHING Ft. Above Perm. Datum

Drilling Measured From KELLY BUSHING

Elev.: K.B. 1268' D.F. G.L. 1258'

Date 12 27 77	GAMMA	DENSITY		
Run No	ONE	ONE		
Depth Driller	3890'	3890'		
Depth - Welex	3890'	3890'		
Btm. Log Inter.	3862'	3889'		
Top Log Inter.	1890'	1890'		
Casing—Driller	8 5/8" @ 345'	@	@	@
Casing - Welex	350'			
Bit Size	7 7/8"			
Type Fluid in Hole	DRILLING MUD			
Dens. | Visc.	9.5 | 48	|	|	|
pH | Fluid Loss	9.5 | 8.8 ml	| ml	| ml	| ml
Source of Sample	FLOWLINE			
R_m @ Meas. Temp.	1.4 @ 50 °F	@ °F	@ °F	@ °F
R_{mf} @ Meas. Temp.	.9 @ 50 °F	@ °F	@ °F	@ °F
R_{mc} @ Meas. Temp.	2.8 @ 50 °F	@ °F	@ °F	@ °F
Source R_{mf} R_{mc}	MEAS | MEAS	|	|	|
R_m @ BHT	.60 @ 110 °F	@ °F	@ °F	@ °F
Time Since Circ.	3 hrs			
Max. Rec. Temp.	110 °F @ TD	°F @	°F @	°F @
Equip. | Location	702 | LIBERAL	|	|	|

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EQUIPMENT DATA

	GAMMA DENSITY
Run No.	ONE
Log Type	Gamma/Density
Tool Model No.	901
Diameter	3 3/8"
Detector Model No.	129
Type	Gm/cc
Length	2' 2"
Source Model No.	DCS
Serial No.	39
Spacing	
Type	Cesium 137
Strength	.5 CURIES

GAMMA RAY	
Run No.	ONE
Tool Model No.	901
Diameter	3 3/8"
Detector Model No.	[illegible]
Type	[illegible]
Length	20'
Distance to Source	

GENERAL	
Truck No.	702
Instrument Truck No.	702
Serial No.	702-C9

LOGGING DATA

GENERAL				GAMMA RAY				GAMMA DENSITY			
Depths From	To	Speed Ft Min	T.C. Sec.	Sens. Settings	Zero Div. L or R	API G.R. Units per Log Div.	T.C. Sec.	Sens. Settings	Zero Div. L or R	Units per Log Div.	
3880'	1890'	X	2	120	0	12	2	1 gm/cc		.05 gm/cc	
		X	SEE TIME MARKERS								

Fold Here