

ORIGINAL

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

Operator: License # 32013

Name: Venus Exploration, Inc.

Address 1250 N.E. Loop XX 410 #1000

City/State/Zip San Antonio, TX 78209

Purchaser: None

Operator Contact Person: Steve Carter

Phone (210) ~~222XXXXX~~ 930-4900

Contractor: Name: Abercromble RTD, Inc.

License: 30684

Wellsite Geologist: D. Draves, G. Ames

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:

ORIGINAL

Operator: N/A

Well Name: _____

Comp. Date _____ Old Total Depth _____

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

10-31-97 11-16-97 Still Testing
Spud Date Date Reached TD Completion Date

API NO. 15- 175-21,682-m-00

County Seward

1803 - FNL - 862 - FEL Sec. 26 Twp. 33S Rge. 31 E W

1803 Feet from S(N) (circle one) Line of Section

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

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

Lease Name Brown Well # 26-1

Field Name Kismet

Producing Formation MISSISSIPPIAN OSA GE

Elevation: Ground 2730' KB 2742'

Total Depth 7290' PBTD _____

Amount of Surface Pipe Set and Cemented at 1713.00 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 cmt.

Drilling Fluid Management Plan DEA 98 7-2-98
(Data must be collected from the Reserve Pit)

Chloride content 1200 ppm Fluid volume 3000 bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

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

County _____ Docket No. _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. 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 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 [Signature] P.E.

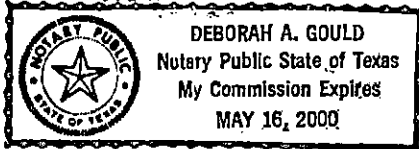
Title Engineer Date 2-27-98

Subscribed and sworn to before me this 27 day of February,
19 98.

Notary Public [Signature]

Date Commission Expires 5-16-2000 **RELEASED**

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)
STATE CORPORATION COMMISSION



APR 09 1999

Form ACO-1 (7-91)

3-2-98

FROM CONFIDENTIAL

Operator Name Venus Exploration, Inc. Lease Name Brown Well # 26-1

Sec. 26 Twp. 33S Rge. 31

East
 West

County Seward

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
(Attach Additional Sheets.)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No
(Submit Copy.)

List All E.Logs Run:

HIP, BHC, SHDT, AIT. SP, GR

Log Formation (Top), Depth and Datum Sample

Name Top Datum

See attached report

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
Surface	12 1/4"	8 5/8"	24#	1713'	MTCB	355	2% cc, 1/4# flo seal per sk, 6# Gilsonite
				Followed with	Premium Plus	400	2% cc
Production	7-7/8	5-1/2"	15.5	7267	Premium	320	5 pps Gilsonite .75% Halad

ADDITIONAL CEMENTING/SQUEEZE RECORD 5% KCl, .75% Veraset

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<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	Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
4	6619-28	500 gals, 15% FE acid	6619-28

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	2-7/8	6672'		
Date of First, Resumed Production, SWD or Inj. Still Testing	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
		0	0	

Disposition of Gas: METHOD OF COMPLETION

Vented Sold Used on Lease
(If vented, submit ACO-18.)

Open Hole Perf. Dually Comp. Commingled 6619'-6628'
 Other (Specify) SEE LOG



JOB SU (ARY 4239-1

TICKET # **231662** TICKET DATE **11-1-97**

REGION North America NWA/COUNTRY **MID CONTINENT** BDA / STATE **CO. SEWARD KANSAS** COUNTY **SEWARD**

MBU ID / EMP # **L20105 H3377** EMPLOYEE NAME **STERLING RAINES H3377** PSL DEPARTMENT **CEMENT**

LOCATION **KISMET KS.** COMPANY **VENUS EXPLORATION** CUSTOMER REP / PHONE **BOB MOOREHEAD**

TICKET AMOUNT WELL TYPE API / UWI # **15-175-216820000**

WELL LOCATION **SAME** DEPARTMENT **CEMENT** JOB PURPOSE CODE **010** RELEASED

LEASE / WELL # **BROWN #261** SEC / TWP / RNG

APR 09 1998

HES EMP NAME/EMP#/(EXPOSURE HOURS) HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS) HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS) HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS) HRS
R. ELWOOD 24860	S. GRANT		
C. ASHLEY 44061			
J. FROST 69775			
L. PATTERSON HR 760			

FROM CONFIDENTIAL

HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES
52338-7131							
38242							
51984-77031							
50404-6610							

ORIGINAL

Form Name _____ Type: _____
 Form Thickness _____ From _____ To _____
 Packer Type _____ Set At _____
 Bottom Hole Temp. _____ Pressure _____
 Misc. Data _____ Total Depth _____

	CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE	11-1-97	11-1-97	11-2-97	11-2-97
TIME	20:00	21:37	04:47	18:49

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY	MAKE
Float Collar		
Float Shoe 1 1/2" X 4 1/2"	1	HALCO
Guide Shoe	1	?
Centralizers	10	?
Bottom Plug		
Top Plug	1	?
Head	1	?
Packer BASKET	1	?
Other WEEP-A	1/2	

WELL DATA

	NEW/USED	WEIGHT	SIZE	FROM	TO	MAX ALLOW
Casing	NEW	24.00	8 5/8	0	1697.66	
Liner						
Liner						
Tbg/D.P.						
Tbg/D.P.						
Open Hole						SHOTS/FT.
Perforations						
Perforations						
Perforations						

MATERIALS

Treat Fluid	Density	Lb/Gal
Disp. Fluid	Density	Lb/Gal
Prop. Type	Size	Lb.
Prop. Type	Size	Lb.
Acid Type	Gal.	%
Acid Type	Gal.	%
Surfactant	Gal.	In
NE Agent	Gal.	In
Fluid Loss	Gal/Lb	In
Gelling Agent	Gal/Lb	In
Fric. Red.	Gal/Lb	In
Breaker	Gal/Lb	In
Blocking Agent	Gal/Lb	
Perfpac Balls	Qty.	
Other		
Other		
Other		
Other		

HOURS ON LOCATION		OPERATING HOURS		DESCRIPTION OF JOB
DATE	HOURS	DATE	HOURS	
				8 5/8 SURFACE
TOTAL		TOTAL		

HYDRAULIC HORSEPOWER

ORDERED	Avail.	Used
TREATED	AVERAGE RATES IN BPM	Overall
FEET 44.95	CEMENT LEFT IN PIPE	Reason SHOE JOINT

CEMENT DATA

STAGE	SACKS	CEMENT	BULK/SKS	ADDITIVES	YIELD	LBS/GAL
	355	MIDCONARC	BULK	30% CC, 6# GILSONITE, 1# FLOCCER	3.38	11.0"
	200	PREM PLUS	BULK	PREM PLUS, 20% CC, 1/4# FLOCCER	1.37	14.84"
	700	TENCOBARK	BULK	10# CAL SEAL, 40% GEL, 10# GILSONITE, 20% CC	1.87	13.7"
	200	PREM PLUS	BULK	20% CC	1.32	14.84"

Circulating _____ Displacement _____ Preflush: Gal - BBI _____ Type _____
 Breakdown _____ Maximum _____ Load & Bkdn: Gal - BBI _____ Pad: BBI - Gal _____
 Average _____ Frac Gradient _____ Treatment Gal - BBI _____ Disp: BBI - Gal _____
 Shut In: Instant _____ 5 Min _____ 15 Min _____ Cement Slurr Gal - BBI _____ Total Volume Gal - BBI **488.86**

Information Stated Herein is Correct CUSTOMER'S REPRESENTATIVE SIGNATURE **Robert Moorehead**



HALLIBURTON

HALLIBURTON ENERGY SERVICES

LIBERAL M.S.

HUGOTON K.S.

WELL PROJECT NO. 26-1

TICKET TYPE NITROGEN SERVICE JOB? YES

SALES NO. 06

WELL TYPE

INVOICE INSTRUCTIONS

CHARGE TO: VENUS EXPLORATION INC

ADDRESS: 700 N. ST. MARYS SUIT 1900

CITY, STATE, ZIP CODE: SAN ANTONIO, TX 78205

LEASE NO. BROWN

CONTRACTOR: SEWARD

RIG NAME/NO: #5

WELL CATEGORY: 010-591

WELL PURPOSE

TICKET 231862-4

PAGE 4

OWNER SAME

DATE 11-1-97

ORDER NO. KISSMET

WELL LOCATION KISSMET

CITY/OFFSHORE LOCATION

DELIVERED TO

WELL PERMIT NO.

CITY

STATE

SHIP TO

BY

DATE

WELL NO.

WELL TYPE

WELL PURPOSE

WELL CATEGORY

WELL ID

WELL STATUS

WELL DATE

WELL DEPTH

WELL DIAMETER

WELL LENGTH

WELL VOLUME

WELL WEIGHT

JOB PURPOSE	PRICE REFERENCE	SECONDARY REFERENCE PART NUMBER	ACCOUNTING	DESCRIPTION	QTY	UNIT	AMOUNT	
000-117				MILEAGE PUMP TRUCK	1 UN	40 HR	3 20 628.00	
000-119				GREEN MILEAGE	1 UN	40 HR	1 95 78.00	
001-016				PUMP CHARGE	6 hr	17.5 FT	1583.00	
12A	825.217			GUIDE SHOE	1 EA	85 HR	188.00	
24A	815.19502			INSERT FLOAT	1 EA		188.00	
27	805.19415			FILL TUBE	1 EA		188.00	
41	806.61048			CENTRALIZERS	10 EA		680.00	
320	806.71460			BASKET	1 EA		139.00	
030018				PLASTIC TOP PLUG	1 EA		143.00	
350	890.10802			WELD-A-LEAD	1 EA		610.00	
045-050				DATA ACQUISITION SYSTEM	AER JOB	AER DAY	660.00	
001-018				ADDITIONAL HOURS	1 hr	9 HR	26.100	
011-01205				MISO PUMP CHARGE	4 hr	8.500 HR	983.00	
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.							PAGE TOTAL	7211.00
DATE SIGNED: 11-1-97							CONTINUATION (PAGE(S))	2299051
TIME SIGNED: 11:38							SUB-TOTAL	30201.51
CUSTOMER OR CUSTOMER'S AGENT (PLEASE PRINT): Robert Moorehead							APPLICABLE TAXES WILL BE ADDED ON INVOICE	
CUSTOMER OR CUSTOMER'S AGENT (PLEASE PRINT): Robert Moorehead							HALLIBURTON APPROVAL	
CUSTOMER OR CUSTOMER'S AGENT (PLEASE PRINT): Robert Moorehead							HALLIBURTON OPERATOR/ENGINEER	
CUSTOMER OR CUSTOMER'S AGENT (PLEASE PRINT): Robert Moorehead							HALLIBURTON APPROVAL	

The customer hereby acknowledges receipt of the materials and services listed on this ticket.

CUSTOMER OR CUSTOMER'S AGENT (PLEASE PRINT) Robert Moorehead

HALLIBURTON OPERATOR/ENGINEER Robert Moorehead



JOB LOG 39-5

TICKET # 0 TICKET DATE 11/1/97

REGION North America	NWA/COUNTRY USA	BDA / STATE TX	COUNTY DALLAS
AMBU ID / EMP #	EMPLOYEE NAME STERLING RAINES	PSL DEPARTMENT RELEASED	
LOCATION	COMPANY	CUSTOMER REP / PHONE	
TICKET AMOUNT	WELL TYPE	API / UWI #	
WELL LOCATION	DEPARTMENT	JOB PURPOSE CODE	
LEASEY WELL #	SEC / TWP / RNG		

HES EMP NAME/EMP#/(EXPOSURE HOURS) HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS) HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS) HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS) HRS
ORIGINAL			

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESS. (psi)		JOB DESCRIPTION / REMARKS
				T	C	Tbg	Csg	
	21:37							ON LOCATION
	22:10							SAFTY MEETING
	1:34							RUN CASING INTO HOLE
	4:02							DROPPED BALL
	4:12							HOOK UP IRON TO RIG
	4:27					100		CIRCULATE HOLE WITH RIG
	4:45							HOOK IRON TO PUMP TRUCK
	4:47							START JOB 1
	4:48	5	5			150		PUMP WATER AHEAD
	4:50	5	213.70			150		PUMP LEAD SLURRY MIDCON PPL(C) 3/8 6" GILSONITE 14 FLOCC 11#
	5:24	5	47.73			30		PUMP TAIL SLURRY PREM PLUS(C) 2% CC, 1/4" FLOCC 14.8#
	5:33							SHUT DOWN WASH UP
	5:34							DROPPED PLUG
	5:35	6	105.11			10		DISPLACE WITH WATER
	5:50	2	10			100		LAND PLUG
	5:56	2	1			250		BUMP PLUG
	5:57							RELEASE P.S.Z. PLUG HELD
								NO CEMENT WAS CIRCULATED
	10:10							RUN 1 INCH INTO ANULUS
	10:43							HOOK UP IRON TO PUMP TRUCK
	10:44							START JOB 2
	10:45	2	4			140		WATER AHEAD
	10:48	2	32.30			50		PUMP 1 INCH SLURRY THROUGH PLUG
	11:04							SHUT DOWN WASH UP PUMPS AND LINES
	11:34							ORDERED MORE CEMENT
	14:00							BULK TRUCK ARRIVED ON LOCATION
	14:08							RUN 1 INCH INTO ANULUS
	14:18							HOOK UP IRON TO TRUCK
	14:20							START JOB 3
	14:21	2	4			100		WATER AHEAD
	14:24	2	77.02			50		PUMP 1 INCH SLURRY PREM PLUS(C) 2% CC, 14.8#
	14:46							SHUT DOWN WASH UP PUMPS AND LINES
	15:26							ORDERED MORE CEMENT
	18:18							BULK TRUCK ARRIVED ON LOCATION
	18:30							HOOK UP IRON TO PUMP TRUCK
	18:31							START JOB 4
	18:32	2	4			100		WATER AHEAD
	18:35	2	25.00			75		PUMPED 1 INCH SLURRY TAIL 2% CC 4% GEL 10" CASING 13.7
	18:49							SHUT DOWN WASH UP PUMPS AND LINES JOB COMPLETE
								CIRCULATED 25 SACK TO THE PIT

THANK YOU
STERLING RAINES ROBERT ELWOOD
& CREW



HALLIBURTON

HALLIBURTON ENERGY SERVICES

RELEASED

APR 09 1999

TICKET CONTINUATION

CUSTOMER COPY

TICKET No. 231862

FORM 1911 R-10

CUSTOMER ~~FROM CONFIDENTIAL~~ *TRUSS EXPLANATION* WELL Brown 26-1 DATE 11-2-97 PAGE 2 OF 4

PRICE REFERENCE	SECONDARY REFERENCE/PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE	AMOUNT
		LOC	ACCT	DF		QTY.	U/M		
504050	516.00265				Premium Plus Cement	200	BS	14.01	2802.00
509406	890.50812				Calcium chloride B/2500/200	4	SB	46.90	187.60
019-200						150	FT	1.50	225.00
					ORIGINAL				
					RELEASED APR 09 1999 FROM CONFIDENTIAL				
500-207					SERVICE CHARGE				322.40
500-206					MILEAGE CHARGE	TOTAL WEIGHT 19120	LOADED MILES 20		225.62

No. B 220522

CONTINUATION TOTAL 3762.62



RELEASED

APR 09 1999

FROM CONFIDENTIAL

Halliburton Energy Services

ORIGINAL

DATE: 11-02-1997 TIME: 00:16:39 SERVICE TICKET: 231862

HUGOTON-25535 BULK TICKET ONLY: 800705

JOB PURPOSE: SURFACE COMPANY TRUCK: 6610n DRIVER: J.FROST

CUSTOMER: venus exploration LEASE & WELL#: brown 26-1

504-282	MIDCON-CEMENT PREMIUM PLUS	355	SKS.	17.06	6056.30
504-050	PREMIUM PLUS CEMENT	200	SKS.	14.01	2802.00
507-210	FLOCELE	405	LBS.	1.90	769.50
508-291	GILSONITE	2130	LBS.	0.50	1065.00
509-406	CALCIUM CHLORIDE	14	SKS.	46.90	656.60
500-207	SERVICE CHARGES	671	CU FT	1.55	1040.05
					TOTAL 12389.45
500-306	WEIGHT: 57142	MILES: 20	TON MILES: 571.42	1.18	674.28
					TOTAL BOOK PRICE OF BULK TICKET: \$13063.73

500-225 RETURN SERVICE CHARGES _____ 20% COST OF RET. MATERIALS
1.55

500-306 WEIGHT: _____ RETURN MILES: 20 TON MILES: _____ 1.18



Halliburton Energy Services

RELEASED

APR 09 1999

FROM CONFIDENTIAL

ORIGINAL

DATE: 11-01-1997 TIME: 21:36:19 SERVICE TICKET: 231862

HUGOTON-25535 BULK TICKET ONLY: 800704

JOB PURPOSE:

COMPANY TRUCK: 77031n DRIVER: C.ASHLEY

CUSTOMER: venus exploration LEASE & WELL#: brown 26-1

504-043	PREMIUM CEMENT	100	SKS.	13.70	1370.00
507-277	4 % ADDED GEL	4	SKS.	21.40	85.60
508-291	GILSONITE	1000	LBS.	0.50	500.00
508-127	CAL SEAL	10	SKS.	28.00	280.00
509-406	CALCIUM CHLORIDE	2	SKS.	46.90	93.80
500-207	SERVICE CHARGES	146	CU FT	1.55	226.30
					TOTAL 2555.70

500-306 WEIGHT: 11927 MILES: 20 TON MILES: 119.27 1.18 140.74
TOTAL BOOK PRICE OF BULK TICKET: \$ 2696.44

500-225 RETURN SERVICE CHARGES _____ 20% COST OF RET. MATERIALS
1.55

500-306 WEIGHT: _____ RETURN MILES: 20 TON MILES: _____ 1.18

RELEASED

APR 09 1999

FROM CONFIDENTIAL



Halliburton Energy Services

ORIGINAL

DATE:11-02-1997

TIME:17:00:26

SERVICE TICKET: 231862

HUGOTON-25535

BULK TICKET ONLY: 800711

JOB PURPOSE:

DATE:11-02-1997

TIME:17:23:43

SERVICE TICKET: _____

HUGOTON-25535

BULK TICKET ONLY: 800714

JOB PURPOSE:

COMPANY TRUCK::6610n DRIVER: J.FROST

CUSTOMER: venus exploration

LEASE & WELL#:brown 1-26

504-043	PREMIUM CEMENT	100	SKS.	13.70	1370.00
504-050	PREMIUM PLUS CEMENT	200	SKS.	14.01	2802.00
507-277	4 % ADDED GEL	4	SKS.	21.40	85.60
508-127	CAL SEAL	10	SKS.	28.00	280.00
509-406	CALCIUM CHLORIDE	2	SKS.	46.90	93.80
509-406	Calcium chloride		SKS	46.90	281.40
500-207	SERVICE CHARGES	326	CU FT	1.55	505.30
TOTAL					5136.70 <u>5418</u>

500-306 WEIGHT: 29727 MILES: 20 TON MILES: 297.27 1.18 350.78

TOTAL BOOK PRICE OF BULK TICKET: ~~\$5487.48~~

TOTAL OF THIS TICKET 3467.72

$200 \times 94 \times .0005 \times 20 \times 1.18 = \underline{\underline{\$21.84}}$

$2802.00 \times 20\% = \underline{\underline{\$560.40}}$

|| 20% COST OF RET. MATERIALS



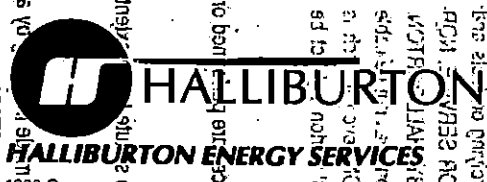
JOB LOG

TICKET #	5405	TICKET DATE	11/18/79
REGION	North America	NWA/COUNTRY	USA
MBUJD / EMP #	113072	EMPLOYEE NAME	STERLING RAINES
LOCATION	101st St	COMPANY	UNITED STATES
TICKET AMOUNT		WELL TYPE	
WELL LOCATION		DEPARTMENT	
LEASE / WELL #		SEC / TWP / RNG	
		API / UWI #	RELEASED
		JOB PURPOSE CODE	APR 09 1980

ORIGINAL

CHART NO.	TIME	RATE (BPM)	VOLUME (BLK GAL)	PUMPS		PRESS. (psi)		JOB DESCRIPTION / REMARKS
				T	C	Top	Csg	
	00:00							ON LOCATION
	00:25							SAFTY MEETING
	05:07							START CASING INTO HOLE
	11:17							DROPPED BALL
	11:37							HOOKEED UP IRON TO RIG
	11:41							350 CIRCULATE WITH RIG
	13:07							START JOB
	13:12	4	8.06	-	-	50		PLUG RAT HOLE 10.75% GAL
	13:14	4	8.06	-	-	50		H ₂ O BEHIND
	13:16	4	8.06	-	-	50		PLUG MOUSE HOLE 10.75% GAL
	13:18	4	1	-	-	10		H ₂ O BEHIND
	13:19	-	-	-	-	-		SHUT DOWN
	13:30	-	-	-	-	-		HOOKE UP IRON TO PUMP TRUCK
	13:32	4	10	-	-	100		PUMP H ₂ O AHEAD
	13:39	6	10	-	-	100		PUMP SUPER FLUSH
	13:35	6	10	-	-	100		PUMP H ₂ O BEHIND
	13:37	6	32.25	-	-	200		PUMP LEAD SLURRY MIDCON 3/4" FLOCCLE 10.75% GAL
	13:44	6	87.48	-	-	200		PUMP TAIL SLURRY 5/8" GILSONITE 75% HEAD 9 5/8" ICD 75% UTM 2 1/4"
	14:01	-	-	-	-	-		SHUT DOWN WASH UP PUMPS + LINES
	14:02	-	-	-	-	-		DROP PLUG
	14:05	6	171.88	-	-	450		DISPLACE WITH 2% KCL H ₂ O
	14:26	2	10	-	-	150		LAND PLUG
	14:56	2	1	-	-	200		BUMP PLUG
	14:38	-	-	-	-	-		RELEASE P.S.F. FLOAT HEAD
								JOB COMPLETE

THANK YOU
STERLING RAINES
MELVIN FOX
APD CREW



VENUS EXPLORATION INC
 700 N. ST. MARY'S SUITE 1900
 SAN ANTONIO, T.X. 78205

REL CUSTOMER COY
 AP 11/19/97
 234945 - 7
 PAGE 2

WELL PROJECT NO.	LEASE	COUNTY/PARISH	STATE	CITY/OFFSHORE LOCATION	OWNER
26-1	BROWN	SEWARD	K.S.	KISMET	SAME
CONTRACTOR	RIG NAME/NO.	SHIPPED	DELIVERED TO	WELL PERMIT NO.	WELL LOCATION
ABARE ROMBIE	#5	VIA HES.	LOCATION		KISMET K.S.
WELL TYPE	WELL CATEGORY	PURPOSE	WELL PERMIT NO.	WELL LOCATION	
02	01	035			

JOB PURPOSE	PRICE REFERENCE	SECONDARY REFERENCE/PART NUMBER	ACCOUNTING		DESCRIPTION	QTY.	UNIT PRICE	AMOUNT
			LOC	ACCT				
	000-117				MILE PUMP TRUCK	1	128.00	128.00
	000-119				CREW MILEAGE	1	78.00	78.00
	001-016				PUMP CHARGE	6	28.00	168.00
	030-016				SUWPER TOP PLUG	1	166.00	166.00
	12A	825.205			GUIDE SHOE	1	128.00	128.00
	24A	815.19251			INSERT FLOAT	1	128.00	128.00
	27	815.19311			FIELD TUBE	1	76.00	76.00
	40	806.60022			CENTRALIZERS	2	67.00	134.00
	66	806.72730			FMS - GRIP	1	16.80	16.80
	350	890.10802			WELD A	1	16.75	16.75
	018-315				SUPER FLUSH	10	12.00	120.00
	018-303				CLAY MIX	25	26.50	662.50
	045-050				PORTABLE DATA ACQUISITION SYSTEM	PER DAY	660.00	660.00
	001-019				ADDITIONAL HOURS	PER HOUR	291.00	2037.00

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.		TYPE LOCK	SUB SURFACE SAFETY VALVE WAS:	ON	PAGE TOTAL	924.05
DATE SIGNED	TIME SIGNED	BEAN SIZE	PULLED & RETURN	CONFIDENTIAL	CONTINUATION (PAGE(S))	11/19/97
		DEPTH	TUBING SIZE	CONFIDENTIAL	ASSEMBLY	184128/10
		SPACERS	TREE CONNECTION	CONFIDENTIAL	TOTAL	

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): Robert Moorehead
 CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE): Robert Moorehead
 HALLIBURTON OPERATOR/ENGINEER: STERLING RAINES
 EMP NO.: 713377
 HALLIBURTON APPROVAL: [Signature]



JOB SUM. .RY 4239-1

TICKET # **234-45** TICKET DATE **11-18-97**

REGION North America	NWA/COUNTRY MID CONTINENT	BDA/STATE KANSAS	COUNTY SEWARD
MBU ID / EMP # LJ0105 H3377	EMPLOYEE NAME STERLING RAINES	PSL DEPARTMENT CEMENT	
LOCATION LIBERAL K.S.	COMPANY VENUS EXPLORATION	CUSTOMER REP / PHONE BOB MOOREHEAD	
TICKET AMOUNT	WELL TYPE 02	API / UWI #	RELEASED
WELL LOCATION KISMET K.S.	DEPARTMENT CEMENT	JOB PURPOSE CODE 035	
LEASE / WELL # BROWN 26-1	SEC / TWP / RNG		APR 09 1999

HES EMP NAME/EMP#(EXPOSURE HOURS) HRS	HES EMP NAME/EMP#(EXPOSURE HOURS) HRS	HES EMP NAME/EMP#(EXPOSURE HOURS) HRS	HES EMP NAME/EMP#(EXPOSURE HOURS) HRS
M. FOX 60423			FROM CONFIDENTIAL
D. HAMILTON 63090			
L. PATTERSON H8784			

ORIGINAL

HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES
420645	40						
52932-7131	40						
50866-6611	20						
52276-7649	20						

Form Name _____ Type: _____
 Form Thickness _____ From _____ To _____
 Packer Type _____ Set At _____
 Bottom Hole Temp. _____ Pressure _____
 Misc. Data _____ Total Depth _____

	CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE	11-17-97	11-18-97	11/3/97	11/18/97
TIME	23:00	00:04		14:38

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY	MAKE
Float Collar		
Float Shoe INSERT/FRL	1	HALCO
Guide Shoe	1	
Centralizers	25	
Bottom Plug		
Top Plug	1	
Head	1	
Packer		
Other WELD IN	LLD	

WELL DATA

	NEW/USED	WEIGHT	SIZE	FROM	TO	MAX ALLOW
Casing	NEW	15.5	5 1/2	0	7290	
Liner						
Liner						
Tbg/D.P.						
Tbg/D.P.						
Open Hole						SHOTS/FT.
Perforations						
Perforations						
Perforations						

MATERIALS

Treat Fluid	Density	Lb/Gal
Disp. Fluid	Density	Lb/Gal
Prop. Type	Size	Lb.
Prop. Type	Size	Lb.
Acid Type	Gal.	%
Acid Type	Gal.	%
Surfactant	Gal.	In
NE Agent	Gal.	In
Fluid Loss	Gal/Lb	In
Gelling Agent	Gal/Lb	In
Fric. Red.	Gal/Lb	In
Breaker	Gal/Lb	In
Blocking Agent	Gal/Lb	
Perpac Balls	Qty.	
Other		
Other		
Other		
Other		

HOURS ON LOCATION		OPERATING HOURS		DESCRIPTION OF JOB
DATE	HOURS	DATE	HOURS	
				5 1/2 LONG STRING
TOTAL		TOTAL		

HYDRAULIC HORSEPOWER

ORDERED _____ Avail. _____ Used _____

AVERAGE RATES IN BPM

TREATED _____ Disp. _____ Overall " "

CEMENT LEFT IN PIPE

FEET **45.2** Reason **SHOE POINT**

CEMENT DATA

STAGE	SACKS	CEMENT	BULK/SKS	ADDITIVES	YIELD	LBS/GAL
	75	MIDCONP	BULK	1/4 FLOCEL	3.62	10.75
	320	PRIMUNH	BULK	5% GRSOANTE, 75% HALAD 9, 5% HCL, 75% UPLASSET	1.57	14

Circulating _____	Displacement _____	Preflush: Gal - BBI 30	Type _____
Breakdown _____	Maximum _____	Load & Bkdn: Gal - BBI _____	Pad: BBI - Gal _____
Average _____	Frac Gradient _____	Treatment Gal - BBI _____	Disp: BBI - Gal 17189
Shut In: Instant _____	5 Min _____ 15 Min _____	Cement Slurr Gal - BBI 121.73	
		Total Volume Gal - BBI 322.61	

Frac Ring #1 _____ Frac Ring #2 _____ Frac Ring #3 _____ Frac Ring #4 _____

THE INFORMATION STATED HEREIN IS CORRECT

CUSTOMER'S REPRESENTATIVE SIGNATURE **Robert Moorehead**

RELEASED

APR 09 1999



FROM CONFIDENTIAL

Halliburton Energy Services

ORIGINAL

DATE: 11-17-1997

TIME: 22:53:12

SERVICE TICKET: 234945

HUGOTON-25535

BULK TICKET ONLY: 800751

JOB PURPOSE: LONG STRING

COMPANY TRUCK: 7649 6611 DRIVER: D.Hamilton L.Patterson

CUSTOMER: Venus Exploration

LEASE & WELL#: Brown 26-1

504-281	MIDCON CEMENT PREMIUM	75	SKS.	16.03	1202.25
504-043	PREMIUM CEMENT	320	SKS.	13.70	4384.00
507-665	HALAD-9	226	LBS.	9.75	2203.50
508-002	KCL	1000	LBS.	0.41	410.00
507-210	FLOCELE	19	LBS.	1.90	36.10
508-291	GILSONITE	1600	LBS.	0.50	800.00
508-095	VERSASET	226	LBS.	4.40	994.40
500-207	SERVICE CHARGES	433	CU FT	1.55	671.15
					TOTAL 10701.40
500-306	WEIGHT: 40483	MILES: 20	TON MILES: 404.83	1.18	477.70
					TOTAL BOOK PRICE OF BULK TICKET: \$11179.10

500-225 RETURN SERVICE CHARGES _____ 20% COST OF RET. MATERIALS
1.55

500-306 WEIGHT: _____ RETURN MILES: 20 TON MILES: _____ 1.18

CORE LABORATORIES

Company : VENUS EXPLORATION, INC.
Well : BROWN NO. 26-1

Field : KISMET FIELD
Formation : VARIOUS

File No.: 57181-177
Date : 11-17-97

SIDEWALL CORE ANALYSIS RESULTS

SAMPLE NUMBER	DEPTH ft	Sample Rec. in.	PERMEABILITY (HORIZONTAL) Kair md	POROSITY (HELIUM) %	SATURATION		SATURATION		GRAIN DENSITY gm/cc	GAS DETECTOR UNITS	DESCRIPTION
					(PORE VOLUME) OIL %	WATER %	(BULK VOLUME) OIL %	GAS %			
MIDDLE SIMPSON FORMATION											
11	6960.5	1.3	0.03	4.5	14.4	52.5	0.6	1.5	2.72	3.	Sd, gry-blk, f gr, sl dol, turb, 30% yel-wh f
LOWER SIMPSON SAND FORMATION											
12	6970.0	1.4	0.32	9.4	18.0	66.6	1.7	1.4	2.70	1.	Sd, gry-blk, f gr, sl dol, turb, 40% yel flu
13	6974.0	1.6	23.8	6.6	21.7	41.9	1.4	2.4	2.69	11.	Sd, brn-blk, f-mgr, silica, tr pyr, 70% yel f
14	6976.0	1.5	0.28	10.7	20.0	62.3	2.1	1.9	2.70	10.	Sd, gry-blk, fgr, sl dol, turb, 65% yel flu
ARBUCKLE FORMATION											
15	7144.0	0.2	TBFA	12.6	9.0	78.1	1.1	1.6	2.85	0.	Dol, frac, dns, 10% yel flu
16	7146.0	1.2	2.57	10.1	9.2	80.5	0.9	1.0	2.86	0.	Dol, dns, 10% yel flu
17	7148.0	1.5	3.03	10.4	12.1	78.3	1.3	1.0	2.87	0.	Dol, dns, tr vug, 20% yel flu
18	7150.0	1.4	0.14	8.3	9.1	80.0	0.8	0.9	2.86	0.	Dol, dns, tr pp, 5% yel flu
19	7152.0	1.4	2.35	8.9	13.5	75.2	1.2	1.0	2.85	0.	Dol, dns, tr pp, 25% yel flu
20	7154.0	1.3	0.02	5.0	8.6	77.5	0.4	0.7	2.84	0.	Dol, dns, tr pp, 5% yel flu
21	7156.0	1.6	0.50	9.1	9.5	79.0	0.9	1.0	2.85	1.	Dol, dns, tr pp, 10% yel flu

APR 21 1998

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CORE LABORATORIES

Company : VENUS EXPLORATION, INC.
 Well : BROWN NO. 26-1
 Location : 1803' FNL & 862' FEL, SEC. 26, T-33-S, R-31-W
 Co, State : SEWARD COUNTY, KANSAS

Field : KISMET FIELD
 Formation : VARIOUS
 Coring Fluid : WATER BASE MUD
 Elevation : 2739' KB

File No.: 57181-177
 Date : 11-17-97
 API No. : 15-175-12
 Analysts: SEBIAN

SIDEWALL CORE ANALYSIS RESULTS

SAMPLE NUMBER	DEPTH ft	Sample Rec. in.	PERMEABILITY (HORIZONTAL) Kair md	POROSITY (HELIUM) %	SATURATION		SATURATION		GRAIN DENSITY gm/cc	GAS DETECTOR UNITS	DESCRIPTION
					(PORE VOLUME) OIL %	WATER %	(BULK VOLUME) OIL %	GAS %			

DRILLED SIDEWALL ANALYSIS

SPERGEN FORMATION

1	6012.0	1.8	0.72	8.1	17.3	54.4	1.4	2.3	2.75	11. Lim, foss, lam, 40% brt yel
2	6015.0	1.0	1.94	19.3	12.0	72.7	2.3	3.0	2.83	3. Dol, slty, lam, 40% dull org
3	6028.0	0.3	0.14	9.6	8.8	79.9	0.8	1.1	2.82	1. Lim, lam, trace% dull org

OSAGE FORMATION

4	6453.0	1.8	0.29	8.9	24.1	30.1	2.1	4.1	2.70	50. Lim, foss, 90% wh-yel flu
5	6454.0	1.7	0.61	9.8	23.8	34.9	2.3	4.0	2.70	58. Lim, foss, 80% wh-yel flu
6	6463.0	1.8	1.13	6.5	18.4	38.5	1.2	2.8	2.71	41. Lim, foss, 50% wh-yel flu

MIDDLE OSAGE FORMATION

7	6625.0	1.5	35.6	20.8	14.1	27.2	2.9	12.2	2.88	38. Dol, frac, foss, sl vug, 70% wh-yel flu
8	6627.0	1.6	1120.	30.9	14.6	33.3	4.5	16.1	2.89	50. Dol, foss, sl vug, 70% wh-yel flu

UPPER SIMPSON FORMATION

9	6937.0	1.3	0.38	9.2	11.0	67.0	1.0	2.0	2.81	4. Sd, gry, fgr, cly frag, sl dol, 10% yel-wh flu
10	6938.0	1.8	79.3	11.9	23.0	30.5	2.7	5.5	2.74	20. Sd, gry, fgr, cly frag, sl dol, 90% yel-wh flu

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SIMPSON FORMATION

APR 24 1998

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Douglas A. Draves
Consulting Petroleum Geologist

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FROM CONFIDENTIAL

15-175-21682

ORIGINAL

Geological Report

VENUS EXPLORATION BROWN #26-1
KB 2739'

1803' FNL & 862' FEL
 SECTION 26-33S-31W
 SEWARD COUNTY, KANSAS

The Venus Brown #26-1 spudded at 5:30AM on Friday 31 October 1997 and reached a total depth of 7290' at 1:45AM on Monday 16 November 1997. One foot drilling time was kept from 5800' to 7290' (drillers total Depth). Ten foot samples were caught from 5300' to total depth by the drilling rig crew (Abercrombie Drilling Rig #5). A one man logging unit from Earth Tech Logging, Inc. with hot wire and chromatograph gas detection equipment was on duty from 5300' to total depth.

All samples were examined for lithology and hydrocarbon shows. Two off bottom drill stem tests were run. Geophysical logs were run at total depth (7290') by Schlumberger and included Array Induction (1709'-7282'), Compensated Neutron Litho Density (5900'-7264'), Microlog (5900'-7264'), BHC Sonic, (1709'-7232') and Stratigraphic Dipmeter(5300'-7274') Logs. Twenty one mechanical sidewall cores were taken in the Spergen, Osage, Simpson, and Arbuckle formations.

Elevations and Electric Log Tops are;

Kelly Bushing 2739'
 Derrick Floor 2737'
 Ground Level 2727'

Formation	Depth'	Subsea'	Relation to	
			Simonson 26-1	Simonson 25-1
Brown Dolomite	2612'	+127	-1'	even
Krider	2770'	-31	+1	+4'
Council Grove	3104'	-365	-5'	+3'
Base Heebner Sh.	4257'	-1518'	+9'	+17'
Toronto	4266'	-1527'	+12'	+18'
Lansing	4380'	-1641'	+11'	+14'
Kansas City	4836'	-2097'	+6'	+12'
Marmaton	5016'	-2277'	+12'	+8'
Fort Scott	5088'	-2349'	+12'	+13'
Cherokee	5185'	-2446'	+9'	+7'
Atoka	5323'	-2584'	+10'	+6'
Morrow Shale	5502'	-2763'	+14'	+5'
Chester	5552'	-2813'	+12'	+3'

SECTION
 1997

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Formation	Depth'	Relation to	
		Subsea' Simonson 26-1	Simonson #25-1
St. Gen.	5598'	-2859'	+10' -19'
St. Louis	5687'	-2948'	+28' -2'
Spergen	5937'	-3198'	+23' +16'
Warsaw	6142'	-3403'	+38' +3'
Osage	6293'	-3554'	+20' +20'
Osage Pay	6422'	-3683'	-57' -49'
Osage Dolomite	6583'	-3844'	+1' -1'
Osage Dolomite "pay"	6619'	-3880'	+23' absent
Viola	6747'	-4008'	(est) +28' +36'
Simpson	6921'	-4182'	nde +39'
Arbuckle	6979'	-4240'	nde +31'

Formation Descriptions and Shows 6000' to TD

6011-6027' Spergen; 16 feet Dolomite, brown stain, very fine to fine crystalline sucrosic, good trace pin point porosity, slightly argeleous, dull gold fluorescence, excellent stream cut. Gas increased from 200 units to 389 units and then returned to 200 units background. 130 units C1, 60 units C2, and 40 units C3, were recorded at the peak gas reading. Drilling broke from 2 1/2 min/ft to 1 min/ft and returned to 3 min/ft. porosity logs read 16-20% with deep resistivites of 1.2 to 1.7 ohms with calculated water saturation's in the 70's.

Three side wall mechanical cores were taken in this zone (6012, 15, & 28). Core analysis by Core Labs indicate porosity's from 8.1 to 19.3% and water saturation's from 54.4-79.9%.

6450-55' & 6462-66' Osage 9 feet; Limestone, buff white to slightly pink, friable, chalky, medium to coarse crystalline, cherty crinoid fossil fragments, trace of good visible porosity, bright yellow-gold florescence with streaming yellow cut. Drilling rate broke from 3 min/ft to 1 1/2 - 2 min/ft then 3 min/ft. Gas readings increased from 30 units background to 143 and 155 units respectively, total gas and returned to 55 units background after the break. C1 60, C2 26, and C3 20. Porosity log indicates 8-11% porosity with a deep resistivity of 30 ohms, for a calculated water saturation's of 37-33%.

APR 2 1998
COMMISSION

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Three side wall mechanical cores were taken in this zone (6453, 54, & 63). Core analysis by Core Labs indicate porosity's from 6.5 to 9.8% and water saturation's from 30.1 to 38.5%.

6619-28' Osage Dolomite "B" ⁹ 8 feet; Dolomite, medium steel gray to buff tan & light brown (stain), friable, fine to coarse crystalline rhombic dolomite, excellent visible porosity, vugular porosity, bright yellow-blue florescence, excellent bright blue flush cut, strong odor of oil in samples. Drilling broke from 3 min/ft to 1 min/ft and returned to 4-5 min/ft. Gas increased from a background of 100 units to 216 units and decreased to 100 units after the break. Chromatograph read 56 units of C1, 34 units of C2, 38 units of C3, 4 units of C4, and 11 units of C5. Note, C3 exceeds C2 readings.

Two mechanical side wall cores were taken in this zone (6625, & 27') and tested by Core Labs. Porosity's were 20.8% and 30.9% respectively with water saturation's of 27.2 and 33.3%. Vugular porosity was very obvious in the core with vugs 1/8 to 1/4" in diameter. The core was stained and has a strong odor of oil.

E logs show 9 feet of 20% porosity with resistivities of 5-10 ohms for calculated water saturation's of 27 to 40% at $R_w .04$ ohms.

This particular dolomite porosity zone correlates to the zone (second dolomite porosity zone hereafter named the Osage Dolomite "B") we tested in the #1 Simonson which tested 2% oil. with a good show of gas before an acid job and swabbed at 13 bbls of fluid per hour with a trace of oil and gas after a 500 gal 7 1/2% acid job. The Brown #26-1 "B" is 23 feet high to #1 Simonson.

6747-6921' Viola; Limestone, buff-cream, moderately dense, fine to micro crystalline, trace fracturing, with chert; white to translucent with "ghost" images of fossils no florescence or cut in samples. Limestone becomes pink to cream, moderately friable, fine to coarsely crystalline, chalky, recrystallized fossil fragments of crinoids and bryozooan. There were no obvious shows in the Viola, however with some additional fracturing or porosity development this formation may prove productive on the Kismet structure.

6934-40' Upper Simpson Sand 6 feet; Clear to white sand grains with black (shale rip-up fragments) grains (10-20%), some light stain, friable, very fine at top grading to fine to medium grained, subangular grains, well sorted, dolomite cement, slight trace of pyrite, good to excellent visible porosity, 100% green gold florescence, flush cut. 45 units background gas increased to 120 units total gas and returned to 50 units after break. C1 37, C2 15, C3 17, C5 4. Drilling broke from 9 min/ft to 2 min/ft then returned to 6 min/ft.

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 APR 2 1999

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E logs show 4 feet of 9% porosity with 15 ohms of deep resistivity for a calculated water saturation of 55%

Two mechanical sidewall cores were taken in the upper Simpson sand at 6937' and 6938'. Analysis by Core Labs show 9.2-11.9% porosity with water saturation's of 67 and 30.5% respectfully. An increase in porosity to 11.9% showed a decrease in water saturation to 30.5% indicating that the high water saturation's of 67% are probably bound water and not producible. This probably explains why the Simonson #25-1 DST #2 in the Simpson sand recovered no water with 180' of gas and a trace of oil in the 40' of recovered mud yet the logs calculated 75% water saturation.

6965-76' Lower Simpson Sand 9 feet pay above indicated oil/water contact at 6974'; light brown(stained), friable with 10-15% unconsolidated grains, fine to medium grains, subangular to subrounded grains, silica cement, good to excellent visible porosity, 100% bright yellow fluorescence, good stream to flush cut. Gas increased from 50 units background to 102 total units and remained up at 78 units after break. C1 35, C2 12, C3 5, C5 3. Drilling broke from 8 min/ft to 3 and 2 min/ft and returned to 7 1/2 min/ft.

E logs show 11 feet of 7 1/2 to 8% cross plot porosity with deep resistivities of 6 to 12 ohms for calculated water saturation's of 98 to 85% using an Rw of .04. Once again the high calculated water saturation's are probably due to bound water especially when the core analysis indicates water saturation's some 32 to 43% less.

Three mechanical cores were taken in the lower Simpson sand at 6970, 74, & 76'. Cores were tested by Core Labs and show porosity's of 6.6 to 10.7% and water saturation's from 41.9 to 66.6%

E logs indicate a possible oil/water contact at 6974' where resistivities drop from 12 to 6 ohms in 7 1/2 % cross plot porosity. Water recovered on DST#1 may be from this zone.

All of the Simpson sand section was open on DST#1 which recovered 5400' of gas, and 325' of gas and oil cut mud with a trace of water.

DST #1 6921-76' 55 feet(corrected to e-log depth) Simpson Sands

IH		3358#
IF 30 min	26 -	86#
ISI 60 min		2272#
FF 90 min	570 -	984# some plugging action noted on chart
FSI 240 min		2295#
FH		3182#

MAR 24 1998

OILFIELD DIVISION
Houston, Texas

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Recovered; 5400' gas in pipe, 375' of fluid

- 3' gas and oil specked mud 10% gas 10% oil 80% mud
- 93' gas and oil specked mud 7% gas 3% oil 90% mud
- 93' gas and oil cut mud 20% gas 10% oil 70% mud
- 93' oil specked watery mud 5% oil 20% water 75% mud
- 93' gas and oil cut watery mud 50% gas 10% oil 30% water 10% mud

Chlorides were tested by Trilobite at 20,000 PPM (this is probably too low based on the their analysis of the Arbuckle water at 42,000 PPM which proved to be 130,000 PPM). Bottom hole temperature was 143 deg F.

6990-97' & 6997-7007' Arbuckle; Dolomite, light to medium buff brown (stain), moderately friable, fine to medium crystalline rhombic sucrosic texture dolomite, good trace of pinpoint porosity, some possible fractures, gold fluorescence with slow stream bright yellow cut. Gas readings are invalid due to recycling of oil in mud after DST #1 but sample shows and structure 30 feet high to Simonson #25-1 were significant enough to recommend DST #2. Drilling broke from 4 min/ft to 2 min/ft and returned to 4 min/ft after both breaks.

Log readings show dolomite porosity's of 5.2 to 7.5% with deep resistivities of 10-13ohms for calculated water saturation's of 80-100%. DST#2 recovery of 4400 feet of salt water confirm the water saturation calculations despite the sample shows and structural position.

DST #2 6978-7008' (corrected to e-log depth) Arbuckle

IH	3278#
IF 30 min	571 - 1500#
ISI 60 min	2339#
FF 60 min	1493 - 2275#
FSI 120 min	2346#
FH	3221#

Recovered; 4400 feet of salt water with 60 feet of mud. Chlorides were titrated by the mud engineer and indicated 130,000 PPM. Bottom hole temperature was 152 deg F.

APR 24 1998

SECTION

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(210) 213-6222 mbl

FROM CONFIDENTIAL

7142-58' Arbuckle; Dolomite, buff to light gray, dense to slightly friable, micro to fine and medium crystalline rhombic dolomite, occasional coarsely crystalline free rhombic crystals, trace of double terminated quartz crystals medium to coarse grain size, 10% bright yellow fluorescence with stream to flush cut. Gas increased from a background of 100 units to a peak of 125 units. Minor increases in C1 through C3 were noted. Drilling broke from 3 min/ft to .5 min/ft for one foot at 7142' on top of the interval and one foot at the bottom of the zone at 7156' and returned to 3 min/ft. The 1/2 min drill offs may be fractures as indicated by the samples and the E-log caliper.

Six mechanical cores were taken in this zone at 7144, 46, 48, 50, 52, 54, & 56'. Core analysis by Core labs shows porosity's from 5.0% to 12.6% with water saturation's from 75.2 to 80.5%.

Thank you for the opportunity to perform this geological analysis on the Venus Exploration Brown #26-1.

Douglas A. Draves
Consulting Petroleum Geologist
25 November 1997

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