

FORM MUST BE TYPED

SIDE ONE

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

Operator: License # 31798

Name: XANADU EXPLORATION COMPANY

Address 6 East 5th St. Ste. 200

City/State/Zip Tulsa, Ok. 74103

Purchaser: na

Operator Contact Person: Larry Sweet

Phone (918) 584-3802

Contractor: Name: L. D. DRILLING, INC.

License: 6039

Wellsite Geologist: Dan Fredlund

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD SICW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

Operator: _____

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. _____

1-09-96 1-16-96 _____
Spud Date Date Reached TD Completion Date

API NO. 15- 155-213740000 ORIGINAL

County RENO

Appr. SE - SE - NW Sec. 33 Twp. 22S Rge. 10 W

2240' Feet from S(N) (circle one) Line of Section

2310' 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 BOWEN Well # 1-33

Field Name W/C

Producing Formation na

Elevation: Ground 1767' KB 1772'

Total Depth 3787' PBTD _____

Amount of Surface Pipe Set and Cemented at 210 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to 2296 w/ _____ 20 sx cmt.

Drilling Fluid Management Plan DLA
(Data must be collected from the Reserve Pit) 2 100 bbls

Chloride content 9800 ppm Fluid volume _____

Dewatering method used Evaporation/Settling

Location of fluid disposal if hauled offsite: _____

Operator Name BOB'S OIL SERVICE

Lease Name TEICHMANN SWD License No. 30610

SW NE,
Quarter Sec. 16 Twp. 22 Rng. 12 W

County STAFFORD Docket No. D-23, 722

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.

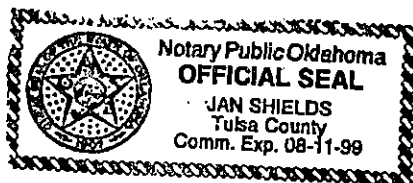
Signature _____

Title President Date 1/31/96

Subscribed and sworn to before me this 31 day of January, 1996.

Notary Public _____

Date Commission Expires _____



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)

Form ACD-1 (7-91)

SIDE TWO

Operator Name Xanadu Exploration Company

Lease Name BOWEN

Well # 1-33

Sec. 33 Twp. 22S Rge. 10

East
 West

County RENO

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.)

Log Formation (Top), Depth and Datums Sample

Name Top Datum

See attached Geologist's Report prepared by Dan Fredlund for formation tops, depth and datums

List All E.Logs Run:
Dual Induction Laterolog
Compensated Density/Dual Spaced Neutron Log
Fracture Finder Micro-Seismogram Log

See attached Formation Test Reports (3) for Individual DST information

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
surface	12 1/4"	8 5/8"	28#	210'	50/50 poz	150	2% Gel, 3% c

ADDITIONAL CEMENTING/SQUEEZE RECORD

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 Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No

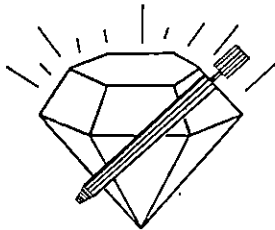
Date of First, Resumed Production, SWD or Inj.	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)

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

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

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval: _____



DIAMOND TESTING
 P. O. Box 157
 HOISINGTON, KANSAS 67544
 (316) 653-7550

15-155-21374
ORIGINAL

Company Xanadu Exploration Company Lease & Well No. Bowen No. 1-33
 Elevation 1773 KB Formation Viola Effective Pay Ft. Ticket No. 1185
 Date 1-14-96 Sec. 33 Twp. 22S Range 10W County RENO State Kansas

Test Approved By Daniel F. Fredlund Diamond Representative Roger D. Friedly

Formation Test No. 1 Interval Tested from 3,570 ft. to 3,605 ft. Total Depth 3,605 ft.

Packer Depth 3,565 ft. Size 6 3/4 in. Packer Depth ft. Size in.

Packer Depth 3,570 ft. Size 6 3/4 in. Packer Depth ft. Size in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 3,558 ft. Recorder Number 13386 Cap. 3,875 psi

Bottom Recorder Depth (Outside) 3,602 ft. Recorder Number 13556 Cap. 4,400 psi

Below Straddle Recorder Depth ft. Recorder Number Cap.

Drilling Contractor L. D. Drilling, Inc. Drill Collar Length I.D. in.

Mud Type Chemical Viscosity 51 Weight Pipe Length I.D. in.

Weight 9.6 Water Loss 12.0 cc. Drill Pipe Length 3,545 ft. I.D. 3 1/2 in.

Chlorides 7,500 P.P.M. Test Tool Length 25 ft. Tool Size 3 1/2-IF in.

Jars: Make Bowen Serial Number Not Run Anchor Length 35 ft. Size 4 1/2-FH in.

Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2-XH in.

Blow: 1st Open: Weak, surface, blow. Died in 13 mins.

2nd Open: No blow

Recovered 15 ft. of drilling mud with some oil specks in tool and a faint gas odor = .1539 bbls.

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks

Time Set Packer(s) 10:38 ~~PM~~ ^{A.M.} Time Started Off Bottom 1:38 ~~PM~~ ^{XXXX} Maximum Temperature 108°

Initial Hydrostatic Pressure (A) 1824 P.S.I.

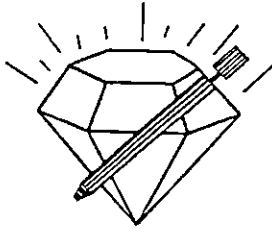
Initial Flow Period Minutes 30 (B) 47 P.S.I. to (C) 36 P.S.I.

Initial Closed In Period Minutes 60 (D) 67 P.S.I.

Final Flow Period Minutes 30 (E) 47 P.S.I. to (F) 36 P.S.I.

Final Closed In Period Minutes 60 (G) 47 P.S.I.

Final Hydrostatic Pressure (H) 1802 P.S.I.



DIAMOND TESTING
P. O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313

FLUID SAMPLE DATA

Company Xanadu Exploration Company

Lease & Well No. Bowen No. 1-33

Date 1-14-96 Sec. 33 Twp. 22 S Range 10 W

Formation Test No. 1 Interval Tested From 3,570 ft. to 3,605 ft. Total Depth 3,605 ft.

Formation Viola

	<u>MUD PIT</u>	<u>RECOVERY</u>
Viscosity	<u>51</u> CP	<u>53</u> CP
Weight	<u>9.6</u>	<u>9.5</u>
Water Loss	<u>12.0</u> CC	<u>13.0</u> CC
PH Factor	<u>10.0</u>	<u>10.0</u>

	<u>RESISTIVITY</u>		<u>CHLORIDE CONTENT</u>	
Recovery Water	--	@	--	°F. -- ppm
Recovery Mud	.64	@	68	°F. 10,000 ppm
Recovery Mud Filtrate	.60	@	70	°F. 10,000 ppm
Mud Pit Sample	.60	@	62	°F. 11,000 ppm
Mud Pit Sample Filtrate	.64	@	64	°F. 10,500 ppm

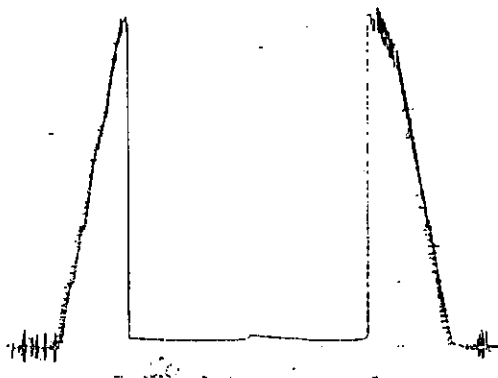
Sample Taken By Roger D. Friedly

Witness By Daniel F. Fredlund

Remarks Pit filtrate triton dish chlorides were 7,500 Ppm.
Recovery filtrate triton dish chlorides were 8,500 Ppm.

DST # 1 Outside 13556
 Core SPB Viola

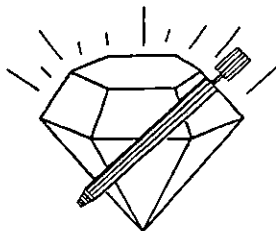
3870-5805
LOC 3602



This is an actual photograph of recorder chart.

POINT	PRESSURE		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	1824	1814	PSI
(B) First Initial Flow Pressure.....	47	50	PSI
(C) First Final Flow Pressure	36	38	PSI
(D) Initial Closed-in Pressure	67	67	PSI
(E) Second Initial Flow Pressure.....	47	50	PSI
(F) Second Final Flow Pressure.....	36	38	PSI
(G) Final Closed-in Pressure.....	47	50	PSI
(H) Final Hydrostatic Mud.....	1802	1799	PSI

15-125-41217



DIAMOND TESTING
 P.O. Box 157
 HOISINGTON, KANSAS 67544
 (316) 653-7550

ORIGINAL

Page 1 of 2 Pages

Company Xanadu Exploration Company Lease & Well No. Bowen No. 1-33

Elevation 1773 KB Formation Viola Effective Pay -- Ft. Ticket No. 1187

Date 1-16-96 Sec. 33 Twp. 22S Range 10W County Reno State Kansas

Test Approved By Daniel F. Fredlund Diamond Representative Roger D. Friedly

Formation Test No. 3 Interval Tested from 3,570 ft. to 3,630 ft. Total Depth 3,787 ft.

Packer Depth 3,565 ft. Size 6 3/4 in. Packer Depth ft. Size in.

Packer Depth 3,570 ft. Size 6 3/4 in. Packer Depth ft. Size in.

Depth of Selective Zone Set 3,630 ft.

Top Recorder Depth (Inside) 3,558 ft. Recorder Number 13498 Cap. 3,900 psi

Bottom Recorder Depth (Outside) 3,623 ft. Recorder Number 13556 Cap. 4,400 psi

Below Straddle Recorder Depth 3,784 ft. Recorder Number 13886 Cap. 3,875 psi

Drilling Contractor L. D. Drilling, Inc. Drill Collar Length -- I.D. -- in.

Mud Type Chemical Viscosity 49 Weight Pipe Length -- I.D. -- in.

Weight 9.65 Water Loss 12.6 cc. Drill Pipe Length 3,545 ft. I.D. 3 1/2 in.

Chlorides 10,500 P.P.M. Test Tool Length 25 ft. Tool Size 3 1/2-IF in.

Jars: Make Bowen Serial Number Not Run Anchor Length 60' perf. w/157' tail pipe Size 4 1/2-FH in.

Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2-XH in.

Blow: 1st Open: Weak, 3/4 in., blow increasing to 1 1/4 ins. Decreasing after 23 mins to 1 in. at end.

2nd Open: No blow.

Recovered 15 ft. of drilling mud = .1539 bbls.

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks Below straddle recorder was 1,389 psi at end.

Time Set Packer(s) 7:05 ~~P.M.~~^{A.M.} Time Started Off Bottom 10:05 ~~P.M.~~^{A.M.} Maximum Temperature 105°

Initial Hydrostatic Pressure (A) 1813 P.S.I.

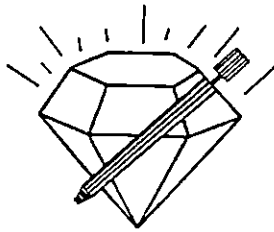
Initial Flow Period Minutes 30 (B) 56 P.S.I. to (C) 56 P.S.I.

Initial Closed In Period Minutes 60 (D) 332 P.S.I.

Final Flow Period Minutes 30 (E) 34 P.S.I. to (F) 45 P.S.I.

Final Closed In Period Minutes 60 (G) 363 P.S.I.

Final Hydrostatic Pressure (H) 1813 P.S.I.



DIAMOND TESTING
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Page 2 of 2 Pages

FLUID SAMPLE DATA

Company Xanadu Exploration Company

Lease & Well No. Bowen No. 1-33

Date 1-16-96 Sec. 33 Twp. 22 S Range 10 W

Formation Test No. 3 Interval Tested From 3,570 ft. to 3,630 ft. Total Depth 3,787 ft.

Formation Viola

	<u>MUD PIT</u>	<u>RECOVERY</u>
Viscosity	<u>49</u> CP	<u>60</u> CP
Weight	<u>9.65</u>	<u>9.65</u>
Water Loss	<u>12.6</u> CC	<u>15.0</u> CC
PH Factor	<u>8.5</u>	<u>8.0</u>

	<u>RESISTIVITY</u>	<u>CHLORIDE CONTENT</u>
Recovery Water	<u>-- @ -- °F.</u>	<u>-- ppm</u>
Recovery Mud	<u>.64 @ 56 °F.</u>	<u>12,000 ppm</u>
Recovery Mud Filtrate	<u>.58 @ 64 °F.</u>	<u>12,000 ppm</u>
Mud Pit Sample	<u>.74 @ 50 °F.</u>	<u>12,500 ppm</u>
Mud Pit Sample Filtrate	<u>.68 @ 52 °F.</u>	<u>12,500 ppm</u>

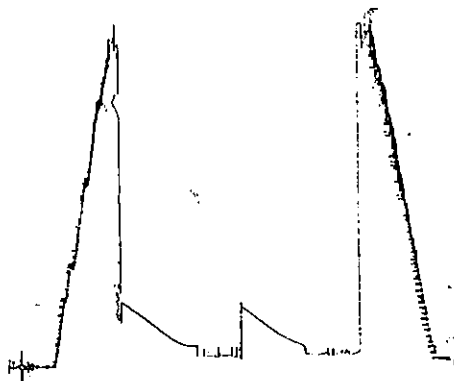
Sample Taken By Roger D. Friedly

Witness By Daniel F. Fredlund

Remarks Pit filtrate triton dish chlorides were 10,500 Ppm.
Recovery filtrate triton dish chlorides were 10,500 Ppm.

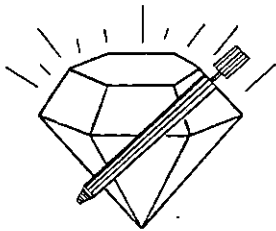
10-155-410/7

Det. to Roadside 1310/16 3570-3620-15 6787
 Clock 4913 1107 600 3623



This is an actual photograph of recorder chart.

POINT	PRESSURE		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	1813	1808	PSI
(B) First Initial Flow Pressure.....	56	60	PSI
(C) First Final Flow Pressure	56	56	PSI
(D) Initial Closed-in Pressure	332	334	PSI
(E) Second Initial Flow Pressure.....	34	38	PSI
(F) Second Final Flow Pressure.....	45	46	PSI
(G) Final Closed-in Pressure.....	363	365	PSI
(H) Final Hydrostatic Mud	1813	1814	PSI



DIAMOND TESTING
 P. O. Box 157
 HOISINGTON, KANSAS 67544
 (316) 653-7550

ORIGINAL

Company Xanadu Exploration Company Lease & Well No. Bowen No. 1-33
 Elevation 1773 KB Formation Simpson Effective Pay -- Ft. Ticket No. 1186
 Date 1-15-96 Sec. 33 Twp. 22S Range 10W County Reno State Kansas
 Test Approved By Daniel F. Fredlund Diamond Representative Roger D. Friedly

Formation Test No. 2 Interval Tested from 3,640 ft. to 3,650 ft. Total Depth 3,670 ft.
 Packer Depth 3,635 ft. Size 6 3/4 in. Packer Depth ft. Size in.
 Packer Depth 3,640 ft. Size 6 3/4 in. Packer Depth ft. Size in.
 Depth of Selective Zone Set 3,650 ft.

Top Recorder Depth (Inside) 3,628 ft. Recorder Number 13498 Cap. 3,900 psi
 Bottom Recorder Depth (Outside) 3,643 ft. Recorder Number 13556 Cap. 4,400 psi
 Below Straddle Recorder Depth 3,667 ft. Recorder Number 13386 Cap. 3,875 psi

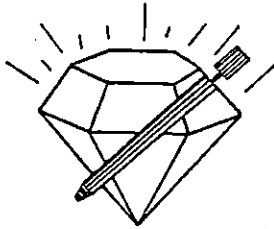
Drilling Contractor L. D. Drilling, Inc. Drill Collar Length -- I.D. -- in.
 Mud Type Chemical Viscosity 51 Weight Pipe Length -- I.D. -- in.
 Weight 9.6 Water Loss 13.0 cc. Drill Pipe Length 3,615 ft. I.D. 3 1/2 in.
 Chlorides 8,000 P.P.M. Test Tool Length 25 ft. Tool Size 3 1/2 -IF in.
 Jars: Make Bowen Serial Number Not Run Anchor Length 10' perf. w/20' tail pipe Size 4 1/2 -FH in.
 Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.
 Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 -XH in.

Blow: 1st Open: Weak, 1/2 in., blow decreasing after 12 mins. Dead in 19 mins.
 2nd Open: No blow.

Recovered 10 ft. of slightly oil specked drilling mud with good free oil in tool and good gassy odor = .1026 bbls.
 Recovered ft. of (Grind out: 1% oil; 99% mud)
 Recovered ft. of
 Recovered ft. of
 Recovered ft. of

Remarks Below straddle recorder was 1,573 psi at end.

Time Set Packer(s) 3:05 ~~XXXX~~ A.M. Time Started Off Bottom 6:05 ~~XXXX~~ A.M. Maximum Temperature 106°
 Initial Hydrostatic Pressure (A) 1868 P.S.I.
 Initial Flow Period Minutes 30 (B) 20 P.S.I. to (C) 20 P.S.I.
 Initial Closed In Period Minutes 60 (D) 1080 P.S.I.
 Final Flow Period Minutes 30 (E) 34 P.S.I. to (F) 22 P.S.I.
 Final Closed In Period Minutes 60 (G) 983 P.S.I.
 Final Hydrostatic Pressure (H) 1868 P.S.I.



DIAMOND TESTING
P. O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313

FLUID SAMPLE DATA

Company Xanadu Exploration Company

Lease & Well No. Bowen No. 1-33

Date 1-15-96 Sec. 33 Twp. 22 S Range 10 W

Formation Test No. 2 Interval Tested From 3,640 ft. to 3,650 ft. Total Depth 3,670 ft.

Formation Simpson

	<u>MUD PIT</u>	<u>RECOVERY</u>
Viscosity	<u>51</u> CP	<u>39</u> CP
Weight	<u>9.6</u>	<u>9.2</u>
Water Loss	<u>13.0</u> CC	<u>18.4</u> CC
PH Factor	<u>10.0</u>	<u>8.5</u>

	<u>RESISTIVITY</u>	<u>CHLORIDE CONTENT</u>
Recovery Water	<u>-- @ -- °F.</u>	<u>-- ppm</u>
Recovery Mud	<u>.66 @ 58 °F.</u>	<u>10,500 ppm</u>
Recovery Mud Filtrate	<u>.65 @ 60 °F.</u>	<u>10,500 ppm</u>
Mud Pit Sample	<u>.60 @ 60 °F.</u>	<u>12,000 ppm</u>
Mud Pit Sample Filtrate	<u>.64 @ 62 °F.</u>	<u>10,500 ppm</u>

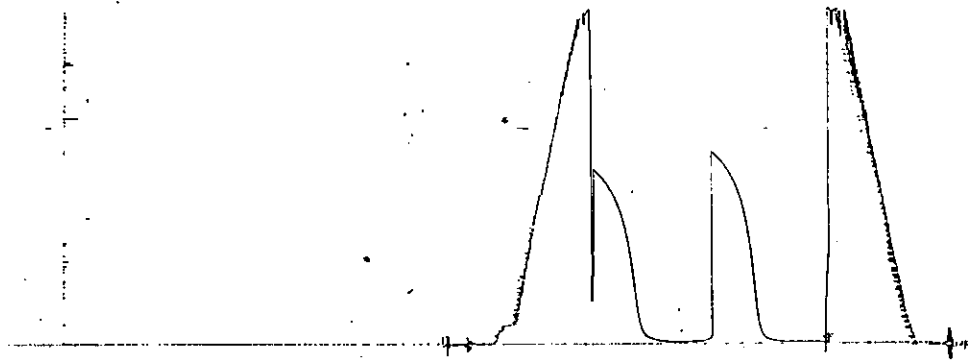
Sample Taken By Roger D. Friedly

Witness By Daniel F. Fredlund

Remarks Pit filtrate triton dish chlorides were 8,000 Ppm.
Recovery filtrate triton dish chlorides were 9,500 Ppm.

DST #2 outside 13556
 Clock 6913 Simpson

3640-3650 TO 3670
 LOC 364B



This is an actual photograph of recorder chart.

POINT	PRESSURE		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	1868	1866	PSI
(B) First Initial Flow Pressure.....	20	21	PSI
(C) First Final Flow Pressure	20	20	PSI
(D) Initial Closed-in Pressure	1080	1082	PSI
(E) Second Initial Flow Pressure.....	34	36	PSI
(F) Second Final Flow Pressure.....	22	22	PSI
(G) Final Closed-in Pressure.....	983	981	PSI
(H) Final Hydrostatic Mud.....	1868	1866	PSI

13-155-612-17

WELL DATA

FIELD _____ SEC. 33 TWP 22S RNG. 10W COUNTY DEW 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>U</u>	<u>28</u>	<u>8 7/8</u>	<u>0</u>	<u>210</u>	
LINER						
TUBING						
OPEN HOLE						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 <u>WOOD</u>	<u>1</u>	<u>Howco</u>
HEAD		
PACKER		
OTHER <u>PC & MOUNTING OLD</u>	<u>1</u>	<u>Howco</u>

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>1-9</u>	DATE <u>1-9</u>	DATE <u>1-9</u>	DATE <u>1-9</u>
TIME <u>1200</u>	TIME <u>1400</u>	TIME <u>1500</u>	TIME <u>1615</u>

PERSONNEL AND SERVICE UNITS		
NAME	UNIT NO. & TYPE	LOCATION
<u>K. CORDLEY</u>	<u>40033</u>	<u>PLATEAU KS</u>
<u>C. BARKER</u>	<u>51936</u>	<u>"</u>
<u>M. STEPHENS</u>	<u>4413</u>	<u>"</u>
<u>H 3135</u>	<u>BULL TRK</u>	<u>"</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. _____ IN
PERFPAC BALLS TYPE _____ QTY. _____
OTHER _____
OTHER _____

DEPARTMENT PERFORM
DESCRIPTION OF JOB CONT. 3 3/4 SUMP. CSC
JOB DONE THRU: TUBING CASING ANNULUS TBG./ANN.
CUSTOMER REPRESENTATIVE X
HALLIBURTON OPERATOR K. CORDLEY COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	<u>150</u>	<u>40-60 P02</u>		<u>B</u>	<u>2% GEL, 3% CC, 14% FR Floc</u>	<u>1.30</u>	<u>13.96</u>

RECEIVED
KANSAS CORPORATION COMMISSION

PRESSURES IN PSI

SUMMARY

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 15 REASON REQUESTED

PRESLUSH: BBL.-GAL. _____ TYPE _____
LOAD & BKDN: BBL.-GAL. _____ PAD: BBL.-GAL. _____
TREATMENT: BBL.-GAL. _____ DISPL. BBL.-GAL. 12 1/2
CEMENT SLURRY: BBL.-GAL. 34.7
TOTAL VOLUME: BBL.-GAL. _____
REMARKS PUMP TIME = 12 MIN

FIELD OFFICE

CUSTOMER HALLIBURTON CORP. (E)
LEASE BOULEVARD
WELL NO. 1-33
JOB TYPE CONT. SUMP. CSC
DATE 1-9-51



JOB LOG HAL-2013-C

DATE 1-9-96 PAGE NO. 1

CUSTOMER KAWADAKI EXPL. CO. WELL NO. 1-33 LEASE BOWLEW JOB TYPE CMT. SURF. CSE. TICKET NO. 906887

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
1	1200 1400							CHILLED OUT ON LOCATION CONSOLE ON BOTTOM BREAK CIRC w/ WILD PUMP HOOK UP HOWIE TO CASING
	1517	6	0		-	300		START MIX CMT.
	1523	6	34		-	200		FINISH MIX CMT. SHUT DOWN RELEASE TOP PLUG
	1526	6	0		-	200		START DISP.
	1530	6	12 1/2		-	200		PLUG DOWN
	1530	1/2	13					MOVE PLUG 1/2 bbl CIRC O SKS CMT. TO PIT CEMENT IN CELLAR * WASH UP RACK UP
	1615							JOB COMPLETE THANKS KEVIN CADDICK MRE RECEIVED KANSAS CORPORATION COMMISSION

MAY 20 1996

CONSERVATION DIVISION WICHITA, KS

CUSTOMER COPY

REMIT TO:
P.O. BOX 951046
DALLAS, TX 75395-1046



HALLIBURTON

ORIGINAL

INVOICE

INVOICE NO.	DATE
906979	01/16/1996

WELL LEASE NO./PROJECT		WELL/PROJECT LOCATION		STATE	OWNER
BOWEN 1-33		RENO		KS	SAME
SERVICE LOCATION		CONTRACTOR		JOB PURPOSE	
PRATT		L D DRILLING		PLUG TO ABANDON	
ACCT. NO.		CUSTOMER AGENT		VENDOR NO.	
001003		DON POPP			
CUSTOMER P.O. NUMBER		SHIPPED VIA		FILE NO.	
		COMPANY TRUCK		02532	

XANADU
6 EAST 5TH, SUITE 200
TULSA, OK 74103-4415

DIRECT CORRESPONDENCE TO:
P O BOX 428
HAYS KS 67601
913-625-3431

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
PRICING AREA - MID CONTINENT					
000-117	MILEAGE CEMENTING ROUND TRIP	64	MI	2.85	239.40
		1	UNT		
090-910	MISCELLANEOUS PUMPING JOB	1	TRK	395.00	395.00
030-503	WOODEN PLUG	8 5/8	IN	95.00	95.00
		1	EA		
090-928	MISCELLANEOUS PUMP JOB-ADD HRS	2	HR	130.00	260.00
		1	TRK		
090-928	MISCELLANEOUS PUMP JOB-ADD HRS RD	3	HR	130.00	390.00
		1	TRK		
504-136	CEMENT - 40/60 POZMIX STANDARD	200	SK	7.66	1532.00
507-277	HALLIBURTON-GEL BENTONITE	7	SK	18.60	129.70
500-207	BULK SERVICE CHARGE	220	CFT	1.35	297.00
500-306	MILEAGE CMTG MAT DEL OR RETURN	372.204	TMT	.95	353.59

1996 FEB -2 A 11:02
KANSAS CORP COMM
RECEIVED

INVOICE SUBTOTAL	3,302.19
DISCOUNT-(BID)	891.57-
INVOICE BID AMOUNT	2,410.62
*-KANSAS STATE SALES TAX	118.12
*-PRATT COUNTY SALES TAX	24.10

INVOICE TOTAL - PLEASE PAY THIS AMOUNT \$2,552.04

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 lawful contract rate applicable, but never to exceed 18% per annum. In the event Halliburton employs an attorney for collection of any account, Customer agrees to pay attorney fees of 20% of the unpaid account, plus all collection and court costs.



JOB LOG HAL-2013-C

CUSTOMER: YANADU EXPLORATION	WELL NO.: 1-33	LEASE: Down	JOB TYPE: CEMENT	TICKET NO.: 906979
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CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS AT CK	PRESSURE (PSI) TUBING / CASING	DESCRIPTION OF OPERATION AND MATERIALS
	1200					CALLED OUT
	1430					ON LOCATION RIG CMC ON SITE SET UP EQUIP SEE PLUGS FOR INSTRUCTIONS Hook up DRILL PIPE
	1515					Pumping 12 BAGS 110 1 st PLUG 9.66 BAGS CMT. 35 SFS. @ 3200' 4 BAGS 110
	1647					44 BAGS DRILL MUD
	1710					2 nd PLUG @ 1900' 9.66 BAGS CMT. 35 SFS.
	1725					
	1755					3 rd PLUG @ 900' 9.66 BAGS CMT. 35 SFS.
	1805					
	1905					4 th PLUG 19.32 BAGS CMT. 70 SFS.
	1920					@ 250'
	2020					5 th PLUG 2.96 BAGS CMT. 10 SFS. @ 40'
	2030					6 th PLUG 4.14 BAGS CMT. 15 SFS. RATABLE
	2110					WASH UP ROCK UP JOB DONE

RECEIVED
 KANSAS CORP COM
 933 FEB - 11-02