

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

API NO. 15- 175-21,322-00-00 ORIGINAL

Operator: License # 9953

Name: HARRIS OIL & GAS COMPANY

Address 410 - 17th St., Suite 2310
Denver, CO 80202

City/State/Zip _____

Purchaser: D&A

Operator Contact Person: Bud Harris

Phone (____) _____

Contractor: Name: ALLEN DRILLING COMPANY

License: 5418

Wellsite Geologist: DANIEL R. SOMMER

Designate Type of Completion

New Well Re-Entry Workover

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

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

Operator: N/A

Well Name: _____

Comp. Date _____ Old Total Depth _____

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

7/01/93 7/13/93 7/16/93
Spud Date Date Reached TD Completion Date

County Seward

50' W of S/2 SE Sec. 14 Twp. 34 Rge. 34 ^E ^U

660 Feet from S/N (circle one) Line of Section

1370' 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 REISS Well # 1-14

Field Name Archer

Producing Formation D&A

Elevation: Ground 2902 KB 2913

Total Depth 6700' PBDT --

Amount of Surface Pipe Set and Cemented at 1637' Feet

Multiple Stage Cementing Collar Used? N/A Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from N/A

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan D&A 8-27-93
(Data must be collected from the Reserve Pit)

Chloride content 4000 ppm Fluid volume 600 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, 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 W.G. Harris

Title PRESIDENT Date 7-26-93

Subscribed and sworn to before me this 26 day of JULY, 1993.

Notary Public Ann E Berry

Date Commission Expires NOVEMBER 23, 1995

RECEIVED
STATE CORPORATION COMMISSION
6-29-93
K.C.C. OFFICE USE ONLY
Letter of Confidentiality Attached
Wireline Log Received
Geologist Report Received
WICHITA, KANSAS
Distribution
 KCC SWD/Rep NGPA
 XGS Plug Other
(Specify)

Operator Name HARRIS OIL & GAS COMPANY Lease Name REISS Well # 1-14
 Sec. 14 Twp. 34 Rgs. 34 East County Seward 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 (Attach Additional Sheets.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	HEEBNER	4313	-1400
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	LANSING	4447	-1534
List All E.Logs Run:	DIL, FDC-CNL, MICRO	MARMATON	5153	-2240
BY: BPB WIRELINE SERVICES OF LIBERAL, KS		LOWER MORROW SAND	6060	-3147
		CHESTER	6114	-3201
		ST. GEN	6506	-3593
		ST. LOUIS	6602	-3689

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#	1637	C lite Prem plus	545 150	2%cc, 1/4#floc

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate	N/A			
<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
	N/A	

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

WELL DATA
FIELD _____ SEC **14** TWP. **34** RING. **34** COUNTY **SEWARD** 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	N	24	8 5/8	KB	1640	
LINER						
TUBING						
OPEN HOLE			12 1/4	KB	1642	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

CALLER OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE 7-2-93 TIME 0500	DATE 7-2-93 TIME 0630	DATE 7-2-93 TIME 1121	DATE 7-2-93 TIME 1430

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
INSERT FLOAT 8 5/8"	1	
FILL ASSY. "	1	
GUIDE SHOE REGULAR	1	
CENTRALIZERS S=4	3	
BOTTOM PLUG		
TOP PLUG 5-W	1	
HEAD		
PACKER		
OTHER		

Howco

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
BROADFOOT	04604	40048 LIBERAL KS.
SMITH	C 4463	52276 " " 76900
Myers	59018	3625 HUGOTON KS. 4734
CLINE	B4372	52827 " " 7620

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 8 5/8 SURFACE CSG.**

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

CUSTOMER REPRESENTATIVE **X** *Jim Broadfoot*

HALLIBURTON OPERATOR **Jim Broadfoot** COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
1	545	PREM PLUS LT.		-B	2% C.C. - 1/4" SK HOCCLE	2.06	12.3
1	150	PREM PLUS		B	2% C.C. - 1/4" SK HOCCLE	1.37	14.5

PRESSURES IN PSI

SUMMARY

VOLUMES

CIRCULATING _____ DISPLACEMENT _____ PRES LUSH: BBL.-GAL. _____ TYPE _____
BREAKDOWN _____ MAXIMUM _____ LOAD & BKDN: BBL.-GAL. _____ PAD: BBL.-GAL. _____
AVERAGE _____ FRACTURE GRADIENT _____ TREATMENT: BBL.-GAL. _____ DISPL. BBL. GAL. **101.5**
SHUT-IN: INSTANT _____ 5-MIN _____ 15-MIN. _____ CEMENT SLURRY: BBL.-GAL. **200-35**
HYDRAULIC HORSEPOWER _____ TOTAL VOLUME: BBL.-GAL. _____

RAMARKS

ORDERED _____ AVAILABLE _____ USED _____
AVERAGE RATES IN BPM _____
TREATING _____ DISPL. _____ OVERALL _____
CEMENT LEFT IN PIPE _____
FEET **45** REASON **SHOE JT.**

CUSTOMER: **HARRIS OIL & GAS**
LEASE: **REELISS**
WELL NO.: **1-14**
JOB TYPE: **8 5/8 SURFACE CSG.**
DATE: **7-2-93**



CHARGE TO:
HARRIS OIL & GAS
 ADDRESS:
 CITY, STATE, ZIP CODE:

TICKET No. **507354 - 1**
 PAGE 1 OF 1

FORM 1908 R-12

SERVICE LOCATIONS 1. 025540 2. 025535 3. 4.	WELL/PROJECT NO. 1-14	LEASE REEISS	COUNTY/PARISH SEWARD	STATE KS.	CITY/OFFSHORE LOCATION	DATE 7-2-93	OWNER HARRIS OIL & GAS
	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	NITROGEN JOB? <input type="checkbox"/> YES <input type="checkbox"/> NO	CONTRACTOR ALLEN DRLG.	RIG NAME/NO. 5	SHIPPED P.U.	DELIVERED TO LOCATION	ORDER NO.
	WELL TYPE 02	WELL CATEGORY 01	JOB PURPOSE 010	WELL PERMIT NO.	WELL LOCATION NW OF LIBERAL		
REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	QTY.		UM		UNIT PRICE	AMOUNT
		LOG	ADCT.	DF								
000-117						MILEAGE	6	mi	1	unit	2.75	16.50
001-016						PUMP CHARGE	1640.77		8	HRS		11.05
030-018						5W TOP PLUG	8 5/8	IN	1	EA		130
12 A	825.217					GUIDE SHOE REGULAR	"	"	"	"		216
24 A	815.19502					INSERT FLOAT	"	"	"	"		171
27	815.19415					FILLUP ASSY.	"	"	"	"		55
40	807.93059					S-4 CENTRALIZERS	"	"	3	EA	72	216

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.

CUSTOMER OR CUSTOMER'S AGENT SIGNATURE

X

DATE SIGNED _____ TIME SIGNED _____
 A.M. P.M.

do do not require IPC (Instrument Protection). Not offered

SUB SURFACE SAFETY VALVE WAS:
 PULLED & RETURN PULLED RUN

TYPE LOCK	DEPTH	
BEAN SIZE	SPACERS	
TYPE OF EQUALIZING SUB.	CASING PRESSURE	
TUBING SIZE	TUBING PRESSURE	WELL DEPTH
TREE CONNECTION	TYPE VALVE	

SURVEY	AGREE	UN-DECIDED	DIS-AGREE
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?			
WE UNDERSTOOD AND MET YOUR NEEDS?			
OUR SERVICE WAS PERFORMED WITHOUT DELAY?			
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?			
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES <input type="checkbox"/> NO		
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND			

PAGE TOTAL	
FROM CONTINUATION PAGE(S)	801210
SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE	

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)	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE)	HALLIBURTON OPERATOR/ENGINEER	EMP #	HALLIBURTON APPROVAL
	X	<i>Jim Broadfoot</i>	04604	9921.50

JOB LOG FORM 2013 R-3

 CUSTOMER: *Hess Oil & Gas* WELL NO.: *1-14* LEASE: *Ricess* JOB TYPE: *PTA* TICKET NO.: *502313*

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	13:00							Call Hat Pit
	14:00							DN hook up, hook up iron
	14:15							hook up iron
	14:20							hook up iron, G. T. h
	14:24	4	10			150		Start water ahead
	14:34	5	29			150		Start Cement
	14:42	3	35			50		Start water behind
	14:44	6	24			50		Start mud displacement
	14:53							Plug down & balanced @ 2500'
	14:55							og pulling D.P.
	14:58							hook up iron
	15:09	4	10			200		Start water ahead
	15:19	5	14			150		Start Cement
	15:22	4	35			50		Start water behind
	15:23	6	145			50		Start mud displacement
	15:25							Plug down & balanced @ 1600'
	15:30							og pulling D.P.
	15:35							hook up iron
	15:36	5	40			150		Start water ahead
	15:41	5	11			150		Start Cement
	15:47	3	6			50		Start water displacement
	15:48							Plug down & balanced @ 900'
	15:50							og pulling D.P.
	15:52							hook up iron, 1 1/2" in hole
	15:53							Start Cement
	15:54	3	3			50		Cement circulated to surface
	15:55		1					More D.P. to pit hole
	15:59	4	4			50		Start Cement
	16:00							Cement circulated to surface
	16:05							Job Complete
								Th. to see P.H.
								11.11.1
								P. h

 RECEIVED
 STATE CORPORATION COMMISSION

AUG 19 1993

 CONSERVATION DIVISION
 Wichita, Kansas

WELL DATA

FIELD *N. L. ...* SEC. *14* TWP. *34* RNG. *34* COUNTY *Se. ...* 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>U</i>	<i>24</i>	<i>8 5/8</i>	<i>K.B.</i>	<i>1642</i>	
LINER						
TUBING	<i>U</i>	<i>16.6</i>	<i>4 1/2</i>	<i>K.B.</i>	<i>2500</i>	
OPEN HOLE			<i>7 7/8</i>	<i>1642</i>	<i>6701</i>	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

CALLLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <i>7-16-93</i>	DATE <i>7-16-93</i>	DATE <i>7-16-93</i>	DATE <i>7-16-93</i>
TIME <i>13:00</i>	TIME <i>14:00</i>	TIME <i>15:00</i>	TIME <i>15:00</i>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<i>R. Taylor</i>	<i>D4027</i>	<i>L. ...</i>
<i>L. ...</i>	<i>52938</i>	<i>L. ...</i>
<i>S. ...</i>	<i>51784</i>	<i>Hogden</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. _____
 PERFPAC BALLS TYPE _____ QTY. _____
 OTHER _____
 OTHER _____

DEPARTMENT *Cement*
 DESCRIPTION OF JOB *PTA*

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

CUSTOMER REPRESENTATIVE *X* *J. ...*

HALLIBURTON OPERATOR *PTA* COPIES REQUESTED *1*

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
						<i>1.4</i>	<i>132</i>

PRESSURES IN PSI

SUMMARY

VOLUMES

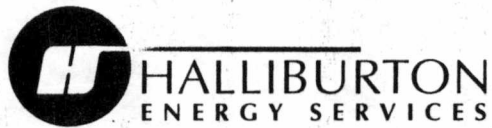
CIRCULATING _____ DISPLACEMENT _____ PRESLUSH: BBL.-GAL. _____ TYPE _____
 BREAKDOWN _____ MAXIMUM _____ LOAD & BKDN: BBL.-GAL. _____ PAD: BBL.-GAL. _____
 AVERAGE _____ FRACTURE GRADIENT _____ TREATMENT: BBL.-GAL. _____ DISPL: BBL.-GAL. _____
 SHUT-IN: INSTANT _____ 5-MIN _____ 15-MIN _____ CEMENT SLURRY: BBL.-GAL. *6.6*
 HYDRAULIC HORSEPOWER _____ TOTAL VOLUME: BBL.-GAL. _____
 ORDERED _____ AVAILABLE _____ USED _____
 AVERAGE RATES IN BPM _____
 TREATING _____ DISPL. _____ OVERALL _____
 CEMENT LEFT IN PIPE _____
 FEET _____ REASON _____

RAMARKS **RECEIVED**
 STATE CORPORATION COMMISSION

AUG 19 1993

CONSERVATION DIVISION
 Wichita, Kansas

CUSTOMER *...*
 LEASE *...*
 WELL NO. *1-111*
 JOB TYPE *PTA*
 DATE *7-16-93*



CHARGE TO:
 ADDRESS
 CITY, STATE, ZIP CODE

COPY

TICKET No. 507312 -

PAGE 1 OF 1

FORM 1906 R-12

1. SERVICE LOCATIONS	WELL/PROJECT NO.	LEASE	COUNTY/PARISH	STATE	CITY/OFFSHORE LOCATION	DATE	OWNER
2.	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	NITROGEN JOB? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CONTRACTOR	RIG NAME/NO.	SHIPPED VIA	DELIVERED TO	ORDER NO.
3.	WELL TYPE	WELL CATEGORY	JOB PURPOSE	WELL PERMIT NO.	WELL LOCATION		
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF								
						MILEAGE	1				2.25	2.25
							4					1120

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.

CUSTOMER OR CUSTOMER'S AGENT SIGNATURE _____

DATE SIGNED _____ TIME SIGNED _____

A.M. P.M.

do do not require IPC (Instrument Protection). Not offered

SUB SURFACE SAFETY VALVE WAS:
 PULLED & RETURN PULLED RUN

TYPE LOCK _____ DEPTH _____

BEAN SIZE _____ SPACERS _____

TYPE OF EQUALIZING SUB. _____ CASING PRESSURE _____

TUBING SIZE _____ TUBING PRESSURE _____ WELL DEPTH _____

TREE CONNECTION _____ TYPE VALVE _____

SURVEY

OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN? AGREE UN-DECIDED DIS-AGREE

WE UNDERSTOOD AND MET YOUR NEEDS? AGREE UN-DECIDED DIS-AGREE

OUR SERVICE WAS PERFORMED WITHOUT DELAY? AGREE UN-DECIDED DIS-AGREE

WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY? AGREE UN-DECIDED DIS-AGREE

ARE YOU SATISFIED WITH OUR SERVICE?
 YES NO

PAGE TOTAL 1196

FROM CONTINUATION PAGE(S) 2341

SUB-TOTAL 3521.25

STATE OF KANSAS
 CONSERVATION DIVISION
 WICHITA, KANSAS
 AUG 19 1997
 RECEIVED

PHONE
318 / 624-7340

DEAN'S TESTERS INC.

P. O. BOX 1182
LIBERAL, Ks. 67901

SEC. 14

Harris Oil & Gas Company
OPERATOR

Reiss #1-14
WELL NAME & NO.

TEST #

6070' - 6115'
TEST INTERVAL

TWP.

34S

ROE. 34W

COUNTY

SEWARD

STATE

KANSAS

TICKET NO.

3541

Formation Morrow Type Test Hook Straddle Date July 15, 1993

Anchor Length and Size 45'; 31'X 6"OD-D.C., 14'X 4 1/2"OD-Perf. Total Depth 6700'

Packer Depths 6065' & 6070' Below Straddle 6115' & 6120' Choke Size Bottom 5/8" Surface 1/4"

Equipment Run 4 Packers, Jars, Sample Chamber, Safty joint, Circ. sub.,
Straddle Assembly, Hook Assembly

Lengths: Tool 143' D. P. 5659' ID. 3.8" Wt. P. _____ ID. _____ D. C. 403' ID. 2.25"

Mud Type Chemical Vls. 39 Wt. 9.2 Wtr. Loss 8.0 Cl. 1200 ppm

Recorders:	Depth <u>6058'</u>	Make <u>Kuster</u>	Cap. <u>6500</u>	Ser. No. <u>10269</u>	Inside
	Depth <u>6078'</u>	Make <u>Kuster</u>	Cap. <u>6800</u>	Ser. No. <u>10217</u>	Outside
	Depth <u>6129'</u>	Make <u>Kuster</u>	Cap. <u>6450</u>	Ser. No. <u>10268</u>	Below Straddle

Pressures:

Tool on Bottom @ <u>11:40 P.M.</u>	Initial Hydrostatic <u>2880</u> psi
Initial Flow <u>30</u> Min.	IFP <u>90</u> psi to <u>145</u> psi
Initial Shut-In <u>60</u> Min.	ISIP <u>338</u> psi
Final Flow <u>60</u> Min.	FFP <u>106</u> psi to <u>112</u> psi
Final Shut-In <u>120</u> Min.	FSIP <u>200</u> psi
Tool off Bottom @ <u>4:10 A.M.</u>	Final Hydrostatic <u>2858</u> psi Temp. <u>138°F</u>

Blow: Weak throughout test.

Recovery: 150' Mud. 2800 PPM Cl.

Gas Flow:

Sampler Data:

Pressure 90 PSI

Gas Trace cu. ft.

Total Fluid 2000 cc

Oil -- cc

Water -- cc

Mud 2000 2800 PPM Cl. cc

Oil Gravity _____ °F.

Gas/Oil Ratio _____

Remarks:

Tester Butch Young Witnessed by: H. Frauli

PHONE
318 / 824

Format

Anchor

Packer

Equipme

Lengths:

Mud Type

Record

Pressu

Tool

Intlla

Intlla

Final

Final

Tool

Blow:

Recov

Gas F

Sampl

Pressure

Gas

Total Fluid

Oil

Water

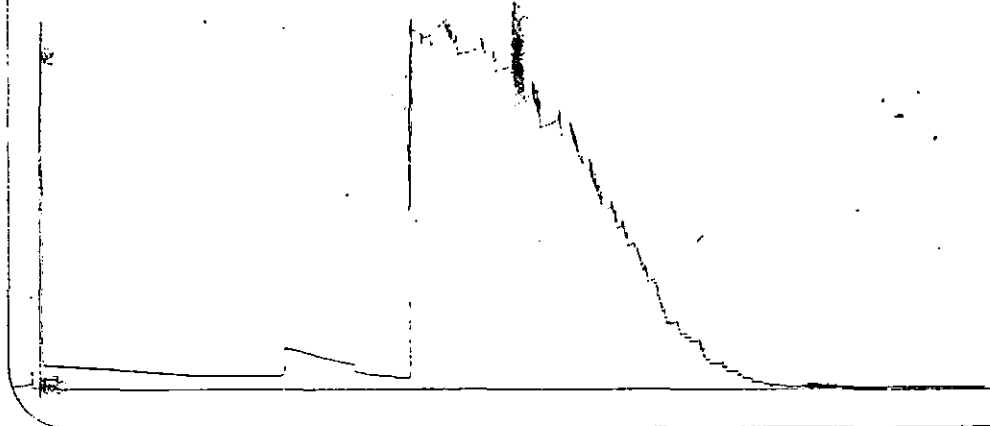
Mud

Oil Gravi

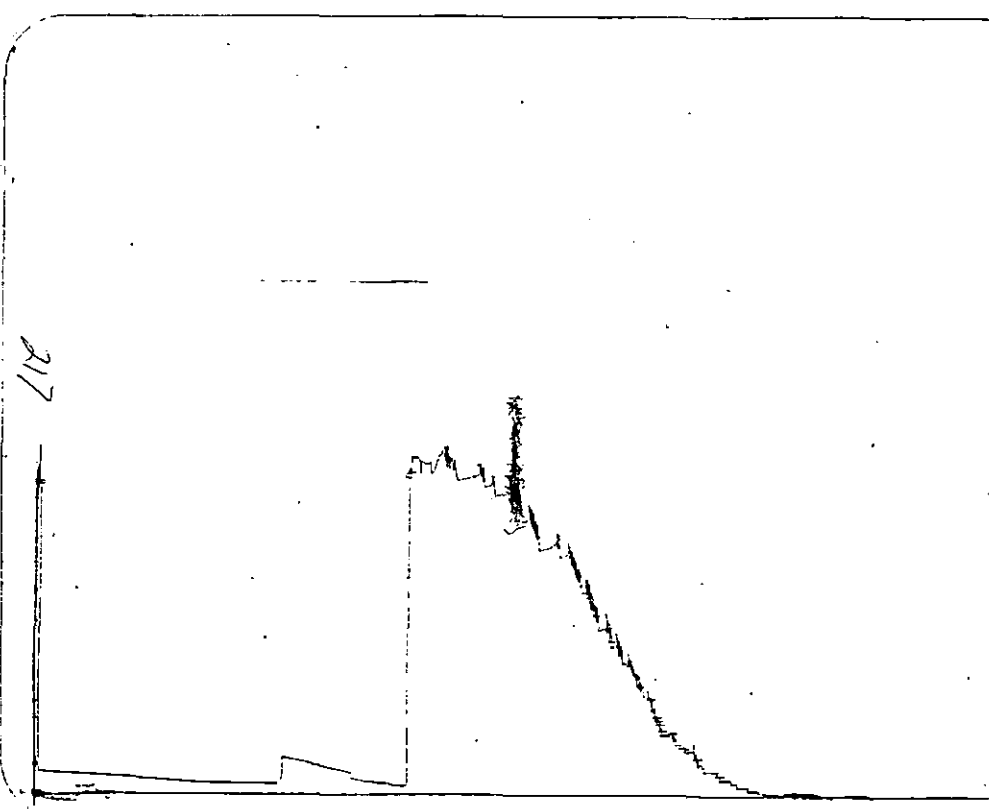
Gas/Oil

Tester

DT-10 L



Initial Hydrostatic _____ 2880 _____ psi
IFP _____ 90 _____ psi to _____ 145 _____ psi
ISIP _____ 338 _____ psi
FFP _____ 106 _____ psi to _____ 112 _____ psi
FSIP _____ 200 _____ psi
Final Hydrostatic _____ 2858 _____ psi



PHONE
316 / 624-7340

DEAN'S TESTERS INC.

P. O. BOX 1182
LIBERAL, Ks. 67901

SEC. 14

Harris Oil & Gas Company
OPERATOR

Reiss #1-14
WELL NAME & NO.

2
TEST #

6542' - 6584'
TEST INTERVAL

TWP. 34S

RGE. 34W

COUNTY Seward

STATE Kansas

TICKET NO. 3542

Formation St. Gen. Type Test Tailpipe Straddle Date July 15, 1993
 Anchor Length and Size 42' X 4 1/2" OD Perf. Total Depth 6700'
 Packer Depths 6537' & 6542' Below Straddle 6584' Choke Size Bottom 5/8" Surface 1/4"
 Equipment Run: 3 Packers, Jars, Sample Chamber, Sfty. jnt., Circ. sub., Straddle Assembly

Lengths: Tool 191' D.P. 6063' ID 3.8" Wt. P. _____ ID _____ D.C. 466' ID 2.25"
 Mud Type Chemical Vls. 48 Wt. 9.0 Wtr. Loss 8.8 Cl. 2200 ppm

Recorders:
 Depth 6569' Make Kuster Cap. 6500 Ser. No. 10269 Inside
 Depth 6574' Make Kuster Cap. 6800 Ser. No. 10217 Outside
 Depth 6601' Make Kuster Cap. 6450 Ser. No. 10268 Below Straddle

Pressures:
 Tool on Bottom @ 11:16 P.M. Initial Hydrostatic 3125 psi
 Initial Flow 30 Min. IFP 45 psi to 61 psi
 Initial Shut-in 60 Min. ISIP 2009 psi
 Final Flow 30 Min. FFP 74 psi to 83 psi
 Final Shut-in 60 Min. FSIP 1945 psi
 Tool off Bottom @ 2:16 A.M. Final Hydrostatic 3116 psi Temp. 138° F.

Blow: Very weak on I.F.P., No blow on F.F.P.

Recovery: 120' Watery Mud. 2700 PPM Cl.

Gas Flow:

Sampler Data:
 Pressure 45 PSI
 Gas none cu. ft.
 Total Fluid 2000 cc
 Oil -- cc
 Water -- cc
 Mud 2000 2700 PPM Cl. cc
 Oil Gravity _____ @ _____ °F.
 Gas/Oil Ratio _____

Remarks:

Tester Butch Young Witnessed by: H. Frauli

Pressure Break Down

Test ticket no. 3542 Recorder no. 10269 Capacity 6500 Rec. Depth. 6569'

Initial Flow pressure <u>45</u> to <u>61</u>	Time	Given <u>30</u>	Computed <u>30</u>
Initial Closed in pressure <u>2009</u>		<u>60</u>	<u>60</u>
Final Flow pressure <u>74</u> to <u>83</u>		<u>30</u>	<u>30</u>
Final Closed-in pressure <u>1945</u>		<u>60</u>	<u>57</u>
Initial Hydrostatic pressure <u>3125</u>	Final Hydrostatic press. <u>3116</u>	Temp <u>138°F.</u>	

Initial Flow Press.		Initial Closed in Press.		Final Flow Press		Final Closed in Press.	
Minutes	Press	Minutes	Press	Minutes	Press	Minutes	Press
0	45	0	61	0	74	0	83
5	45	3	774	5	74	3	706
10	48	6	1202	10	77	6	1141
15	51	9	1411	15	77	9	1366
20	54	12	1540	20	80	12	1491
25	58	15	1636	25	80	15	1575
30	61	18	1707	30	83	18	1636
35		21	1758	35		21	1688
40		24	1800	40		24	1729
45		27	1839	45		27	1765
50		30	1868	50		30	1794
55		33	1897	55		33	1823
60		36	1916	60		36	1842
65		39	1932	65		39	1861
70		42	1948	70		42	1881
75		45	1964	75		45	1900
80		48	1977	80		48	1913
85		51	1987	85		51	1926
90		54	1996	90		54	1935
95		57	2003	95		57	1945
100		60	2009	100		60	
105		63		105		63	
110		66		110		66	
115		69		115		69	
120		72		120		72	
		75		125		75	
		78		130		78	
		81		135		81	
		84		140		84	
		87		145		87	
		90		150		90	
		93		155		93	
		96		160		96	
		99		165		99	
		102		170		102	
		105		175		105	
		108		180		108	
		111				111	
		114				114	
		117				117	
		120				120	

Formati

Anchor

Packer

Equipme

Lengths:

Mud Type

Record

Pressu

Tool c

Initia

Initia

Final

Final

Tool c

Blow:

Recov

Gas F

Sampl

Pressure

Gas

Total Flu

OIL

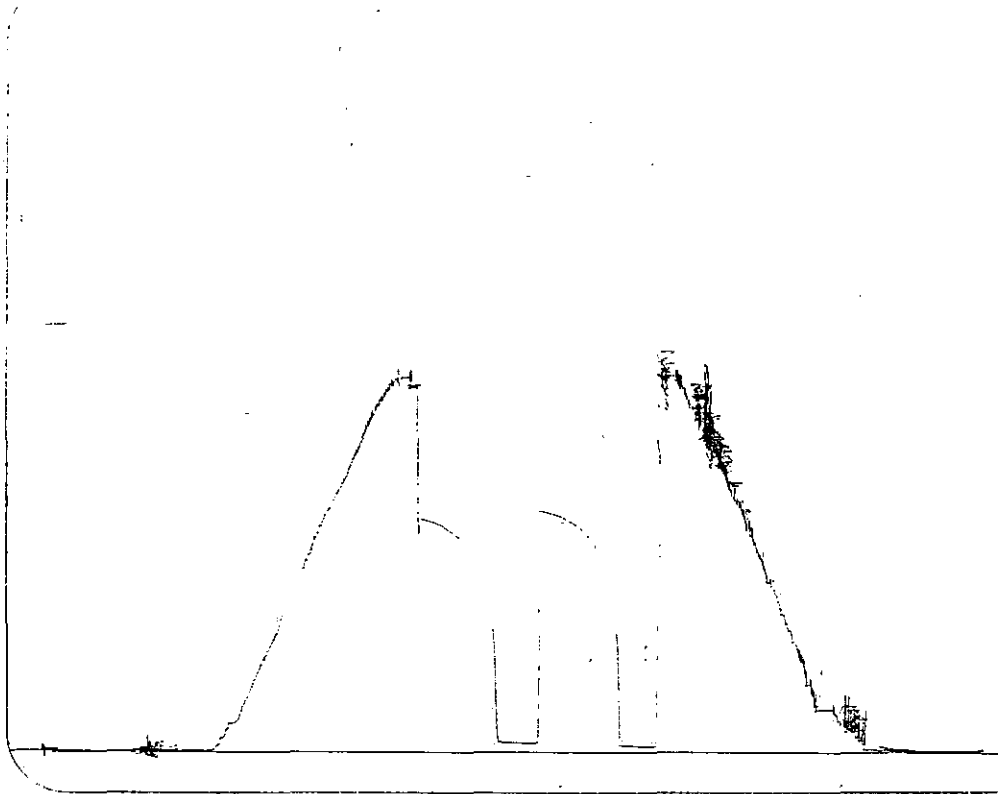
Wate

Mud

Oil Grav

Gas/Oil

Tester



Initial Hydrostatic 3125 psi
 IFP 45 psi to 61 psi
 ISIP 2009 psi
 FFP 74 psi to 83 psi
 FSIP 1945 psi
 Final Hydrostatic 3116 psi

