

CONFIDENTIAL

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

API NO. 15- 119-20885-00-00

County Meade

SE NE SE NE Sec. 02 Twp. 34 Rge. 30 X ^E _W

1750 Feet from S (circle one) Line of Section

330 Feet from E (circle one) Line of Section

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

Lease Name Novinger South Well # 2

Field Name N/A **ORIGINAL**

Producing Formation Novinger

Elevation: Ground 2673' KB 2682'

Total Depth 6025' PBD 5969'

Amount of Surface Pipe Set and Cemented at 1462' 1453' Feet

Multiple Stage Cementing Collar Used? X Yes No

If yes, show depth set 3286' Feet

If Alternate II completion, cement circulated from N/A

feet depth to w/ sx cmt.

Drilling Fluid Management Plan ALT 1 JH 9-19-94
(Data must be collected from the Reserve Pit)

Chloride content ppm Fluid volume 0 bbls

Dewatering method used Natural Evaporation

Location of fluid disposal if hauled offsite:
RELEASED

Operator Name N/A

Lease Name License No. MAY 24 1995

Quarter Sec. **FROM CONFIDENTIAL** ^E _W

County Docket No.

Operator: License # 9534

Name: Giant Exploration & Production

Address P.O. Box 2810

2200 Bloomfield Highway

City/State/Zip Farmington, NM 87499

Purchaser: Texaco Trading & Transportation

Operator Contact Person: Jeffrey R. Vaughan

Phone (505) 326-3325

Contractor: Name: Murfin Drilling Co., Inc.

License: 30606

Wellsite Geologist: Dave Clark

Designate Type of Completion

X New Well Re-Entry Workover

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

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

Operator:

Well Name:

Comp. Date Old Total Depth

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

01-11-94 01-26-94 02-05-94

Spud Date Date Reached TD Completion Date

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Dorby 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 and belief.

Signature [Signature]

Title Vice President Operations Date APR 28 1994

Subscribed and sworn to before me this 25th day of April 19 94.

Notary Public Paula M. Neji

Date Commission Expires 08-09-97

RECEIVED
STAFF CORPORATION COMMISSION

CONSERVATION DIVISION
Wichita, Kansas

K.C.C. OFFICE USE ONLY

F Letter of Confidentiality Attached

C Wireline Log Received

G Geologist Report Received

Distribution

KCC SWD/Rep NGPA

KGS Plug Other

(Specify)

CONFIDENTIAL

SIDE TWO

Operator Name Giant Exploration & Production Lease Name Novinger South Well # 2

Sec. 02 Twp. 34S Rge. 30 East West County Meade

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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Wreford	3056'	-374'
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Council Grove	3164'	-482'
List All E.Logs Run:		Heebner Shale	4424'	-1742'
DIL/GR, Neutron/Density, Microlog, Sonic		Toronto	4446'	-1764'
		Lansing	4590'	-1908'
		Kansas City 'A'	5060'	-2378'
		Marmaton 'A'	5228'	-2546'
		Novinger	5294'	-2612'
		Base Novinger	5381'	-2699'
		Morrow Shale	5774'	-3092'
		Chester	5866'	-3184'

CASING RECORD New 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
Conductor	36"	20"	54#	40'	Ready Mix	4.5 yds	N/A
Surface Casing	12-1/4"	8-5/8"	24#	1461.81'	HLC Prem Plus	510	2% CaCl
Production Csg	7-7/8"	5-1/2"	15.5#	6023.22'	Hal EA-2 Prem Plus	330 150	7% EA-2, 15% Salt 1% CaCl

ADDITIONAL CEMENTING/SQUEEZE RECORD 2% CaCl

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
4 jspf	5297' - 5304'	250 gal 15% HCl - Fe acid	

TUBING RECORD Size 2-3/8", 4.7# Set At 5350' Packer At N/A Liner Run Yes No

Date of First, Resumed Production, (SWD or In) 03/15/94 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	59	242.5	164	4110 SCF/bbl	39° API

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 5297'-5304'

(Note: Pipeline installation in progress)

TRILOBITE TESTING, L.L.C.

CONFIDENTIAL

P.O. Box 362 • Hays, Kansas 67601

ORIGINAL

Drill-Stem Test Data *API# 15-119-20885*

Well Name NOVINGER #2 Date 1/15/94
 Company GIANT EXPLORATION PRODUCTION CO Zone WREFORD
 Address PO BOX 2810 FARMINGTON NM 87499 Elevation 2673
 Co. Rep./Geo. JERRY DEAN Cont. MURFIN #21 Est. Ft. of Pay 8
 Location: Sec. 2 Twp. 34S Rge. 30W Co. MEADE State KS

Interval Tested <u>3044-3072</u>	Drill Pipe Size <u>4.5" XH</u>
Anchor Length <u>28</u>	Wt. Pipe I.D. - 2.7 Ft. Run <u>459</u>
Top Packer Depth <u>3039</u>	Drill Collar - 2.25 Ft. Run <u>8.8</u>
Bottom Packer Depth <u>3044</u>	Mud Wt. <u>58</u> lb/Gal.
Total Depth <u>3072</u>	Viscosity <u>58</u> Filtrate <u>15.2</u>

Tool Open @ 7:45 PM Initial Blow SURFACE TO 8.25" IN 30 MINUTES

Final Blow OPEN 1" TO BOTTOM IN 38 MINUTES / NO GAS TO SURFACE

Recovery - Total Feet 30 Flush Tool? NO

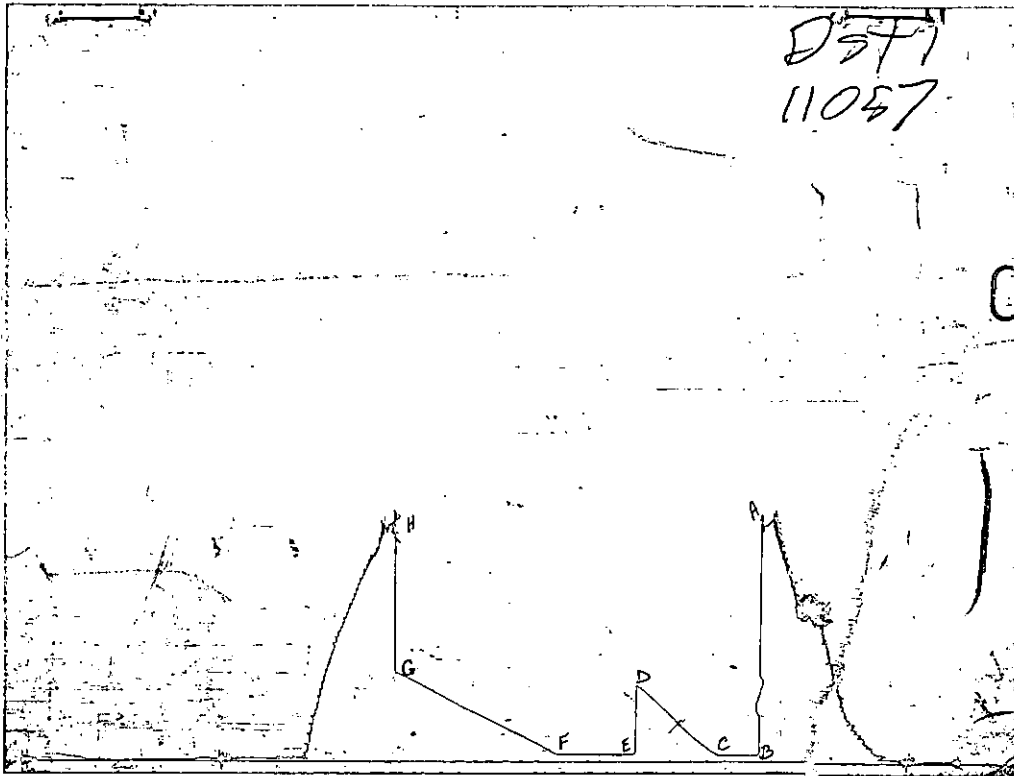
Rec. <u>818</u> Feet of <u>GAS IN PIPE</u>	RELEASED MAY 24 1995 FROM CONFIDENTIAL
Rec. <u>30</u> Feet of <u>DRILLING MUD</u>	
Rec. _____ Feet of _____	
Rec. _____ Feet of _____	

N/A
 SH 1 °F Gravity 75 °API 5800 @ _____ °F Corrected Gravity 3000 °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides _____ ppm System

A) Initial Hydrostatic Mud <u>1405.8</u> PSI	AK1 Recorder No. <u>11057</u>	Range <u>4500</u>
B) First Initial Flow Pressure <u>33.6</u> PSI	@ (depth) <u>3046</u>	w / Clock No. <u>30401</u>
C) First Final Flow Pressure <u>40.3</u> PSI	AK1 Recorder No. <u>11058</u>	Range <u>4500</u>
D) Initial Shut-in Pressure <u>442.8</u> PSI	@ (depth) <u>3667</u>	w / Clock No. <u>25108</u>
E) Second Initial Flow Pressure <u>40.3</u> PSI	AK1 Recorder No. _____	Range _____
F) Second Final Flow Pressure <u>42.5</u> PSI	@ (depth) _____	w / Clock No. _____
G) Final Shut-in Pressure <u>517.7</u> PSI	Initial Opening <u>30</u>	Final Flow <u>60</u>
H) Final Hydrostatic Mud <u>1399.1</u> PSI	Initial Shut-in _____	Final Shut-in <u>120</u>

Our Representative MARK HERSKOWITZ

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 STATE CORPORATION COMMISSION
APR 28 1994
 CONSERVATION DIVISION
 Wichita, Kansas



ORIGINAL

RELEASED

This is an actual photograph of recorder chart

MAY 24 1995

FROM CONFIDENTIAL

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	1365	1405.8
(B) FIRST INITIAL FLOW PRESSURE	33	33.6
(C) FIRST FINAL FLOW PRESSURE	44	40.3
(D) INITIAL CLOSED-IN PRESSURE	448	442.8
(E) SECOND INITIAL FLOW PRESSURE	44	40.3
(F) SECOND FINAL FLOW PRESSURE	44	42.5
(G) FINAL CLOSED-IN PRESSURE		517.7
(H) FINAL HYDROSTATIC MUD	1343	1399.1

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CONSERVATION DIVISION
Wichita, Kansas

FLUID SAMPLER DATA

CONFIDENTIAL

Ticket No.: 6362

Date: 1/15/94

Company: GIANT EXPLORATION PRODUCTION CO

ORIGINAL

Lease: NOVINGER #2

Test No.: 1

County: MEADE

Sec.: 2

Twp.: 34S

Rng.: 30W

SAMPLER RECOVERY

Gas 1.2 cu ft

Oil

Mud 900

Water

Other

Pressure 55

TOTAL 4000

SAMPLER ANALYSIS

Resistivity 1 ohms@ 75 F

Chlorides 5800 ppm.

Gravity corrected @60F

PIT MUD ANALYSIS

Chlorides 3000

Resistivity ohms@ F

Viscosity 58

Mud Wt. 8.8

Filtrate 15.2

Other

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FROM CONFIDENTIAL

PIPE RECOVERY

TOP

Resistivity 1 ohms@ 75 F

Chlorides 5800 ppm

MIDDLE

Resistivity ohms@ F

Chlorides ppm

BOTTOM

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Resistivity ohms@ F

Chlorides ppm

CONSERVATION DIVISION
Wichita, Kansas

TRILOBITE TESTING, L.L.C.

CONFIDENTIAL

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

API# 15-119-20885

Well Name NOVINGER #2 **Test No. 2** Date 1/20/94
 Company GIANT EXPLORATION PRODUCTION CO Zone KS CITY
 Address PO BOX 2810 FARMINGTON NM 87499 Elevation 2682
 Co. Rep./Geo. JERRY DEAN Cont. MURFIN #21 Est. Ft. of Pay 5
 Location: Sec. 2 Twp. 34S Rge. 30W Co. MEADE State KS

Interval Tested 5072-5109 Drill Pipe Size 4.5" XH
 Anchor Length 37 Wt. Pipe I.D. - 2.7 Ft. Run _____
 Top Packer Depth 5067 Drill Collar - 2.25 Ft. Run 460
 Bottom Packer Depth 5072 Mud Wt. 9.1 lb/Gal.
 Total Depth 5109 Viscosity 46 Filtrate 8.8

ORIGINAL

Tool Open @ 7:30 PM Initial Blow FAIR TO STRONG BLOW OFF BOTTOM IN 1.5 MIN/GTS@14 MIN
ISI: BLED OFF BLOW - WOULD NOT DIE COMPLETELY
 Final Blow STRONG RETURN OFF BOTTOM IN 30 SEC/GAUGED 9.20 MCF/DAY @ FINAL
FSI: BLED OFF BLOW - SURFACE RETURN BUILT BACK TO 6"

Recovery - Total Feet 3160 Flush Tool? NO

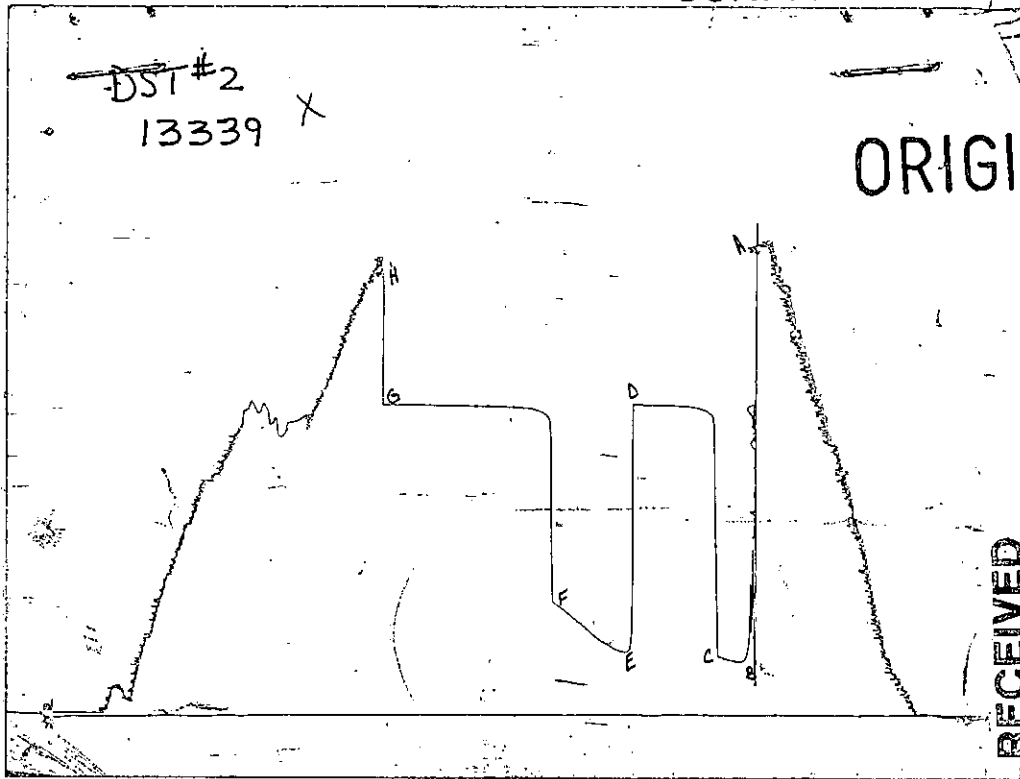
Rec. _____ Feet of GAS TO SURFACE INITIAL FLOW PERIOD
 Rec. _____ Feet of _____
 Rec. 3160 Feet of GASSY HEAVY MUD CUT OIL-NO SIGN OF WATER
 Rec. _____ Feet of _____
 Rec. _____ Feet of _____

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 CONSERVATION DIVISION
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BHT 126 °F Gravity _____ °API @ _____ °F Corrected Gravity 38 °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 3000 ppm System

(A) Initial Hydrostatic Mud 2455.7 PSI AK1 Recorder No. 13309 Range 4700
 (B) First Initial Flow Pressure 267.1 PSI @ (depth) 5099 w / Clock No. 22992
 (C) First Final Flow Pressure 312.9 PSI AK1 Recorder No. 13339 Range 4025
 (D) Initial Shut-in Pressure 1635.2 PSI @ (depth) 5104 w / Clock No. 19960
 (E) Second Initial Flow Pressure 339.9 PSI **RELEASED** Range _____
 (F) Second Final Flow Pressure 603.2 PSI **MAY 24 1995** w / Clock No. _____
 (G) Final Shut-in Pressure 1636.2 PSI **FROM CONFIDENTIAL** Initial Shut-in 30 Final Flow 60
 (H) Final Hydrostatic Mud 2310.5 PSI Initial Shut-in 60 Final Shut-in 120

Our Representative ROD STEINBRINK



ORIGINAL

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APR 28 1994

CONSERVATION DIVISION
WICHITA, KS

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RELEASED

MAY 24 1995

FROM CONFIDENTIAL

FIELD
READING

OFFICE
READING

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2453	2455.7
(B) FIRST INITIAL FLOW PRESSURE	280	267.1
(C) FIRST FINAL FLOW PRESSURE	311	312.9
(D) INITIAL CLOSED-IN PRESSURE	1622	1635.2
(E) SECOND INITIAL FLOW PRESSURE	332	339.9
(F) SECOND FINAL FLOW PRESSURE	589	603.2
(G) FINAL CLOSED-IN PRESSURE	1622	1636.2
(H) FINAL HYDROSTATIC MUD	2383	2310.5

FLUID SAMPLER DATA

CONFIDENTIAL

Ticket No.: 6818 Date: 1/20/94
 Company: GIANT EXPLORATION PRODUCTION CO
 Lease: NOVINGER #2 Test No.: 2
 County: MEADE Sec.: 2 Twp.: 34S Rng.: 30W

ORIGINAL

SAMPLER RECOVERY

Gas 1200
 Oil 2200
 Mud 600
 Water
 Other
 Pressure 800
 TOTAL 4000

PIT MUD ANALYSIS

Chlorides 3000
 Resistivity 2.3 ohms@ 60 F
 Viscosity 46
 Mud Wt. 9.1
 Filtrate 8.8
 Other

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 WICHITA, KS

SAMPLER ANALYSIS

Resistivity ohms@ F
 Chlorides ppm.
 Gravity 38 corrected @60F

PIPE RECOVERY

TOP

Resistivity ohms@ F
 Chlorides ppm

MIDDLE

Resistivity ohms@ F
 Chlorides ppm

BOTTOM

Resistivity 2.3 ohms@ 60 F
 Chlorides 3000 ppm

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 MAY 24 1995
 FROM CONFIDENTIAL

GAS VOLUME REPORT

CONFIDENTIAL

GIANT EXPLORATION PRODUCTION CO

NOVINGER #2

DST # 2

ORIGINAL

INITIAL FLOW				FINAL FLOW			
MIN	INCHES OF WTR	ORIFICE	MCF/D	MIN	INCHES OF WTR	ORIFICE	MCF/D
1.5	BOTTOM OF BUCKET			0.5	BOTTOM OF BUCKET		
14	GTS			10	70	0.375	29.8
15	36	0.75	85.2	20	22	0.375	16.7
20	30	0.75	77.8	30	10	0.375	11.3
25	22	0.75	66.6	40	4	0.375	7.14
30	18	0.75	60.2	50	22	0.25	7.88
				60	30	0.25	9.2

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APR 28 1994
CONSERVATION DIVISION
Wichita, Kansas

Remarks: RICH SMELL AND FLAMMABLE / BURNS ORANGE FLAME

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

CONFIDENTIAL

Drill-Stem Test Data

API # 15-119-20885

Well Name NOVINGER #2 Date 1/22/94
 Company GIANT EXPLORATION PRODUCTION CO Zone MARMATON
 Address PO BOX 2810 FARMINGTON NM 87499 Elevation _____
 Co. Rep./Geo. JERRY DEAN Cont. MURFIN #21 Est. Ft. of Pay 6
 Location: Sec. 2 Twp. 34S Rge. 30W Co. MEADE State KS

Interval Tested 5190-5244 Drill Pipe Size 4.5" XH
 Anchor Length 54 Wt. Pipe I.D. - 2.7 Ft. Run _____
 Top Packer Depth 5185 Drill Collar - 2.25 Ft. Run 460
 Bottom Packer Depth 5190 Mud Wt. 8.8 lb/Gal.
 Total Depth 5244 Viscosity 46 Filtrate 8.8

ORIGINAL

Tool Open @ 2:50 AM Initial Blow STRONG BLOW OFF BOTTOM IMMEDIATELY/ GAS TO SURFACE
IN 2 MINUTES / ISI: BLED OFF BLOW - NO RETURN

Initial Blow STRONG RETURN / GAUGED
FSI: BLED OFF BLOW-NO RETURN

Recovery - Total Feet 490 Flush Tool? NO

Sec. 490 Feet of CLEAN GASSY OIL- 30% GAS/ 70% OIL
 Sec. _____ Feet of _____
 Sec. _____ Feet of _____
 Sec. _____ Feet of _____
 Sec. _____ Feet of _____

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RELEASED

MAY 24 1995

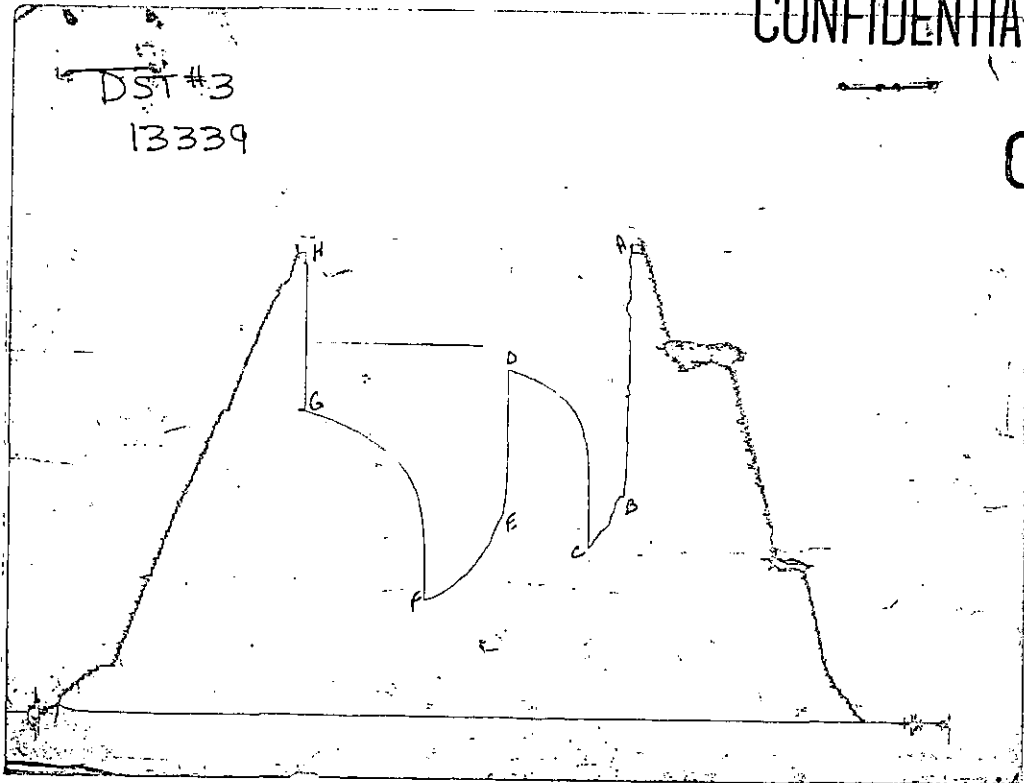
SHOT 118 °F Gravity FROM CONFIDENTIAL @ 48 °F Corrected Gravity 42 °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 5000 ppm System

A) Initial Hydrostatic Mud 2454.7 PSI AK1 Recorder No. 13309 Range 4700
 B) First Initial Flow Pressure 1181.6 PSI @ (depth) 5239 w / Clock No. 22992
 C) First Final Flow Pressure 908.8 PSI AK1 Recorder No. 13339 Range 4025
 D) Initial Shut-in Pressure 1824.6 PSI @ (depth) 5200 w / Clock No. 19960
 E) Second Initial Flow Pressure 1045.1 PSI AK1 Recorder No. _____ Range _____
 F) Second Final Flow Pressure 629.2 PSI @ (depth) _____ w / Clock No. _____
 G) Final Shut-in Pressure 1595.1 PSI Initial Opening 30 Final Flow 60
 H) Final Hydrostatic Mud 2428.7 PSI Initial Shut-in 60 Final Shut-in 90

Our Representative ROD STEINBRINK

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CONSERVATION DIVISION
WICHITA, KS

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FROM CONFIDENTIAL

FIELD
READING

OFFICE
READING

(A)	INITIAL HYDROSTATIC MUD	2453	2454.7
(B)	FIRST INITIAL FLOW PRESSURE	1180	1181.6
(C)	FIRST FINAL FLOW PRESSURE	909	908.8
(D)	INITIAL CLOSED-IN PRESSURE	1832	1824.6
(E)	SECOND INITIAL FLOW PRESSURE	1050	1045.1
(F)	SECOND FINAL FLOW PRESSURE	629	629.2
(G)	FINAL CLOSED-IN PRESSURE	1592	1595.1
(H)	FINAL HYDROSTATIC MUD	2433	2428.7

FLUID SAMPLER DATA

ORIGINAL

CONFIDENTIAL

Ticket No.: 6819 Date: 1/22/94
 Company: GIANT EXPLORATION PRODUCTION CO
 Lease: NOVINGER #2 Test No.: 3
 County: MEADE Sec.: 2 Twp.: 34S Rng.: 30W

SAMPLER RECOVERY

Gas 4000
 Oil
 Mud
 Water
 Other
 Pressure
 TOTAL 4000

SAMPLER ANALYSIS

Resistivity ohms@ F
 Chlorides ppm.
 Gravity corrected @60F

PIT MUD ANALYSIS

Chlorides 5000
 Resistivity ohms@ F
 Viscosity 46
 Mud Wt. 8.8
 Filtrate 8.8
 Other

PIPE RECOVERY

TOP
 Resistivity ohms@ F
 Chlorides ppm
 MIDDLE
 Resistivity ohms@ F
 Chlorides ppm
 BOTTOM
 Resistivity ohms@ F
 Chlorides ppm

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 CONSERVATION DIVISION
 WICHITA, KS

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GAS VOLUME REPORT

**ORIGINAL
CONFIDENTIAL**

GIANT EXPLORATION PRODUCTION CO

NOVINGER #2

DST # 3

MIN	PSIG	ORIFICE	MCF/D	MIN	PSIG	ORIFICE	MCF/D
INITIAL FLOW				FINAL FLOW			
2	GTS	1.5		5	42	1.5	3274
10	42	1.5	3274	10	47	1.5	3573
20	45	1.5	3454	20	42	1.5	3274
30	42	1.5	3274	30	36	1.5	2916
				40	26	1.5	2319
				45	27	1.5	2380
				50	25	1.5	2258

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APR 28 1994
CONSERVATION DIVISION
WICHITA, KS

Remarks:

WELL DATA

FIELD _____ SEC. 2 TWP. N13 RNG. 30W COUNTY Meade 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 Spud MUD WT. 9.0
PACKER TYPE _____ SET AT _____
BOTTOM HOLE TEMP. _____ PRESSURE _____
MISC. DATA _____ TOTAL DEPTH 1468

Table with columns: NEW USED, WEIGHT, SIZE, FROM, TO, MAXIMUM PSI ALLOWABLE. Rows: CASING, LINER, TUBING, OPEN HOLE, PERFORATIONS.

JOB DATA

Table with columns: CALLED OUT, ON LOCATION, JOB STARTED, JOB COMPLETED. Rows: DATE, TIME.

TOOLS AND ACCESSORIES table with columns: TYPE AND SIZE, QTY., MAKE. Rows: FLOAT COLLAR, FLOAT-SHOE, GUIDE SHOE, CENTRALIZERS, BOTTOM PLUG, TOP PLUG, HEAD, PACKER, OTHER.

PERSONNEL AND SERVICE UNITS table with columns: NAME, UNIT NO. & TYPE, LOCATION. Rows: Tom Bohannon, J. T. ...

MATERIALS
TREAT. FLUID _____ DENSITY _____ LB/GAL. API
DISPL. FLUID _____ DENSITY _____ LB/GAL. API
PROP. TYPE _____ SIZE _____ LB.
ACID TYPE _____ GAL. _____ %
SURFACTANT TYPE _____ GAL. _____ IN
NE AGENT TYPE _____ GAL. _____ IN
FLUID LOSS ADD. TYPE _____ GAL.-LB. _____ IN
GELLING AGENT TYPE _____ GAL.-LB. _____ IN
FRIC. RED. AGENT TYPE _____ GAL.-LB. _____ IN
BREAKER TYPE _____ GAL.-LB. _____ IN
BLOCKING AGENT TYPE _____ GAL.-LB. _____
PERFPAC BALLS TYPE _____ QTY. _____
OTHER _____

ORIGINAL

DEPARTMENT 5001
DESCRIPTION OF JOB OTO
JOB DONE THRU: TUBING [] CASING [x] ANNULUS [] TBG./ANN. []
CUSTOMER REPRESENTATIVE X O. ...
HALLIBURTON OPERATOR Tom Bohannon COPIES REQUESTED _____

CEMENT DATA

Table with columns: STAGE, NUMBER OF SACKS, CEMENT, BRAND, BULK SACKED, ADDITIVES, YIELD CU.FT./SK., MIXED LBS./GAL. Rows: 1, 2.

PRESSURES IN PSI

SUMMARY

FROM CONFIDENTIAL

CIRCULATING _____ DISPLACEMENT _____ PRESFLUSH: BBL.:GAL. _____ TYPE _____
BREAKDOWN _____ MAXIMUM _____ LOAD & BKDN: BBL.-GAL. _____ PAD: BBL.-GAL. _____
AVERAGE _____ FRACTURE GRADIENT _____ TREATMENT: BBL.-GAL. _____ DISPL.: BBL.-GAL. 90.8
SHUT-IN: INSTANT _____ 5-MIN _____ 15-MIN. _____ CEMENT SLURRY: BBL.-GAL. 137.1 35.2
TOTAL VOLUME: BBL.-GAL. _____
ORDERED _____ AVAILABLE _____ USED _____ AVERAGE RATES IN BPM _____
TREATING _____ DISPL. _____ OVERALL _____ CEMENT LEFT IN PIPE _____
FEET 37 REASON Slag IT

REMARKS

RECEIVED SEP 19 1994 CONSERVATION DIVISION STATE CORPORATION COMMISSION

CUSTOMER



FORM 1906 R-13

CHARGE TO: Giant Exploration
 ADDRESS:
 CITY, STATE, ZIP CODE:

COPY

TICKET

No. 574587 - 2

PAGE 1 OF 1

SERVICE LOCATIONS 1. Liberal 285540	WELL/PROJECT NO. 2	LEASE Novinger South	COUNTY/PARISH Meads	STATE Ks	CITY/OFFSHORE LOCATION	DATE 1-12-94	OWNER Scine
2. Houston 285535	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	NITROGEN JOB? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CONTRACTOR Murphy Drk	RIG NAME/NO. Murphy # 21	SHIPPED VIA Loc	DELIVERED TO	ORDER NO.
3.	WELL TYPE 02	WELL CATEGORY 01	JOB PURPOSE 010	WELL PERMIT NO.	WELL LOCATION S-E of Atkins ks		
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE		AMOUNT
		LOC	ACCT	DF			U/M			
000-117	FROM CONFIDENTIAL MAY 24 1995 RELEASED	1			MILEAGE	42	1	KA		115
001-016		1			Pump Charge	144	6	BT		1,060
030-015		1			5-w Plug	20	1	BT		130
12A		815 217	1		Guide Thru	8	1	KA		216
24A		815 1552	1		insul Plug	"	"	"		171
27		815 15415	1		Plug	"	"	"		55
40		806 60059	1		Con	"	"	"		216
250	810 10202	1		Well A	1	1	KA		14	

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.

CUSTOMER OR CUSTOMER'S AGENT SIGNATURE: [Signature]

DATE SIGNED: 7/9/94 TIME SIGNED: 12:30

do not require IPC (Instrument Protection). Not offered

SUB SURFACE SAFETY VALVE WAS:
 PULLED & RETURN PULLED RUN

SURVEY:
 OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN? AGREE UN-DECIDED DIS-AGREE
 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? YES NO
 CUSTOMER DID NOT WISH TO RESPOND

PAGE TOTAL: 1,978
 FROM CONTINUATION PAGE(S): 8,972
 SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE: 10,950

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): Orin M. Borell
 CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE): [Signature]
 HALLIBURTON OPERATOR/ENGINEER: [Signature] EMP # 27743
 HALLIBURTON APPROVAL:

RECEIVED
 7/9/94
 OPERATIONS DIVISION
 6666



CHARGE TO: GRINT EXP. + PAINT.
 ADDRESS:
 CITY, STATE, ZIP CODE:

COPY
 TICKET No. 641027 - 2
 PAGE 1 OF 2

FORM 1906 R-13

1. SERVICE LOCATIONS <u>1. 25000 P...</u>	2. WELL/PROJECT NO. <u>2</u>	3. LEASE <u>Norinco South</u>	4. COUNTY/PARISH <u>Morela</u>	5. STATE <u>KC</u>	6. CITY/OFFSHORE LOCATION	7. DATE <u>1-26-94</u>	8. 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 <u>Murvin</u>	RIG NAME/NO. <u>02</u>	SHIPPED VIA <u>H...</u>	DELIVERED TO <u>Lection</u>	ORDER NO.
3.	WELL TYPE <u>01-011</u>	WELL CATEGORY <u>01-011</u>	JOB PURPOSE <u>...</u>	WELL PERMIT NO.	WELL LOCATION		
4.	REFERRAL LOCATION <u>Lib...</u>						

INVOICE INSTRUCTIONS: Pay for 9 (not 5) ... As Directed

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE		AMOUNT
		LOC	ACCT	DF		QTY.	U/M	QTY.	U/M	
000-117		1			MILEAGE <u>8128</u>	60	25	1.50	2.75	165.00
017-012	001-416	1			1st Stage P...	1				
007-001		1			2nd Stage P...	1				
007-002		1			3rd Stage P...	2		16.00	22.00	940.00
012-342	905-205	1			Guide	1				
28	822-10210	1			...	1				
71	815-10100	1			...	1				
75	813-10100	1			...	1				
40	806-20100	1			...	1				
66	806-20100	1			E.Z. LUK...	1			12.00	12.00
300	806-10100	1			Weld-A	1			14.00	14.00
018-315		1			Mud Flush	1000	50	3.00	0.65	650.00

ORIGINAL

FROM CONFIDENTIAL

MAY 24 1995

RELEASED

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.

SUB SURFACE SAFETY VALVE WAS: <input type="checkbox"/> PULLED & RETURN <input type="checkbox"/> PULLED <input type="checkbox"/> RUN		SURVEY		AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL <u>9064</u>
TYPE LOCK	DEPTH	OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?		<input checked="" type="checkbox"/>			
BEAN SIZE	SPACERS	WE UNDERSTOOD AND MET YOUR NEEDS?		<input checked="" type="checkbox"/>			FROM CONTINUATION PAGE(S) <u>8552</u>
TYPE OF EQUALIZING SUB.	CASING PRESSURE	OUR SERVICE WAS PERFORMED WITHOUT DELAY?		<input checked="" type="checkbox"/>			
TUBING SIZE	TUBING PRESSURE	WELL DEPTH	WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?		<input checked="" type="checkbox"/>		
TREE CONNECTION	TYPE VALVE	ARE YOU SATISFIED WITH OUR SERVICE?		<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO		SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE <u>...</u>
<input type="checkbox"/> do <input type="checkbox"/> do not require IPC (Instrument Protection). <input checked="" type="checkbox"/> Not offered		<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND					

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) <u>Orlean M. Borell</u>	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE) <u>X Orlan M. Borell</u>	HALLIBURTON OPERATOR/ENGINEER <u>Charles...</u>	EMP # <u>...</u>	HALLIBURTON APPROVAL
--	--	--	---------------------	----------------------

JOB LOG FORM 2013 R-4

CUSTOMER: *Coast Exped.* WELL NO: *2 #* LEASE: *Novice South* JOB TYPE: *1" Cement Topoff* TICKET NO: *649774*

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0730							
	1100							Time Ready
	1000							Time out Rig Run 1" in Hole at <i>PT</i>
	1100	1						Hookup to 1" Pipe
	1103	2						Start Water Algor
	1113							Start Mixing Cement
	1114		26					Concrete Cement To The PT
	1115							Final Mixing Cement 125 <i>SE</i>
								Set Down Break lose
	1178							Rig Pull 1" out of Hole
	1130							Finish Job
								Thanks For Calling Halliburton Energy Services Dennis Lane Crew

ORIGINAL

RELEASED

MAY 24 1995

FROM CONFIDENTIAL

RECEIVED
STATE CORPORATION COMMISSION

SEP 19 1994

CONSTITUTION DIVISION
WICHITA, KANSAS

CUSTOMER



HALLIBURTON ENERGY SERVICES

TICKET CONTINUATION

COPY

62

TICKET No. 61497714

FORM 1911 R-9

CUSTOMER: Giant Exploration; WELL: Novinger South #2; DATE: 1-13-94; PAGE: 2 OF 2

Table with columns: PRICE REFERENCE, SECONDARY REFERENCE/PART NUMBER, ACCOUNTING (LOC, ACCT, DF), DESCRIPTION, QTY., U/M, UNIT PRICE, AMOUNT. Includes entries for Premium Cement and Calcium Chloride.

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MAY 24 1995
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STATE COMMISSION
OIL AND GAS
DIVISION
SEP 19 1994
MUSKOGEE COUNTY, OKLAHOMA

SERVICE CHARGE, CUBIC FEET, MILEAGE CHARGE, TOTAL WEIGHT, LOADED MILES, TON MILES

CONTINUATION TOTAL

WELL DATA

FIELD _____ SEC. _____ TWP. _____ RNG. _____ COUNTY Meade 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						
LINER						
TUBING			1"	KB	90"	
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

CALLS OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>1-13</u>	DATE <u>1-13</u>	DATE <u>1-13</u>	DATE <u>1-13</u>
TIME <u>0730</u>	TIME <u>1000</u>	TIME <u>1100</u>	TIME <u>1130</u>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>D. Hesse</u>	<u>40075</u>	<u>Liberty</u>
<u>D. Hesse</u>	<u>5917</u>	<u>Liberty</u>
<u>D. Hesse</u>	<u>4903</u>	<u>Liberty</u>
<u>M. G. WIRE</u>	<u>1-1-1-1</u>	<u>Liberty</u>

ORIGINAL

DEPARTMENT Cement

DESCRIPTION OF JOB 1" Top Off

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

CUSTOMER REPRESENTATIVE X Oiler 21 Powell

HALLIBURTON OPERATOR D. Hesse COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	<u>125</u>	<u>Pemion</u>		<u>2.66</u>	<u>RELEASED</u>	<u>118</u>	<u>156</u>
					<u>MAY 24 1995</u>		

PRESSURES IN PSI

SUMMARY

FROM CONFIDENTIAL

CIRCULATING _____ DISPLACEMENT _____ PRESLUSH: BBL.-GAL. _____ TYPE _____

BREAKDOWN _____ MAXIMUM _____ LOAD & BKON: 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. 760

HYDRAULIC HORSEPOWER _____ TOTAL VOLUME: BBL.-GAL. _____

ORDERED _____ AVAILABLE _____ USED _____

AVERAGE RATES IN BPM _____

TREATING _____ DISPL _____ OVERALL _____

CEMENT LEFT IN PIPE _____

FEET _____ REASON _____

REMARKS

RECEIVED STATE COMMISSION DIVISION

SEP 19 1994

CUNY VALLEY DIVISION WICHITA, KANSAS

CUSTOMER

CUSTOMER: Liberty
LEASE: Liberty
WELL NO.: 2#
JOB TYPE: 1" Top Off
DATE: 1-13-94

WELL DATA

FIELD _____ SEC 2 TWP. 24S RNG. 30W COUNTY Monroe STATE Kansas

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 _____

JOB DATA

CALLER OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>1-26-94</u>	DATE <u>1-26-94</u>	DATE <u>1-30-94</u>	DATE <u>1-27-94</u>
TIME <u>0800</u>	TIME <u>1600</u>	TIME <u>2345</u>	TIME <u>0600</u>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>P. Cl...</u>	<u>41376</u>	<u>Pa...</u>
<u>J. Cl...</u>	<u>2128</u>	<u>"</u>
<u>D. Well...</u>	<u>7614</u>	<u>"</u>
<u>J. T...</u>	<u>415</u>	<u>"</u>

ORIGINAL

DEPARTMENT C...

DESCRIPTION OF JOB ...

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

CUSTOMER REPRESENTATIVE X O. M. Bell

HALLIBURTON OPERATOR ... COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
<u>1</u>	<u>330</u>	<u>P...</u>		<u>W</u>	<u>7% ...</u>	<u>1.3</u>	<u>11.50</u>
<u>2</u>	<u>150</u>	<u>P...</u>		<u>P</u>	<u>2% ...</u>	<u>1.24</u>	<u>11.27</u>

PRESSURES IN PSI

SUMMARY

VOLUMES

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 43.65 REASON Shut In

PRESLUSH: BBL.-GAL. 20

LOAD & BKDN: BBL.-GAL. _____

TREATMENT: BBL.-GAL. _____

CEMENT SLURRY: BBL.-GAL. 27/30

TOTAL VOLUME: BBL.-GAL. _____

REMARKS: ...

SEP 19 1994

CUSTOMER: Plant Exp. & Prod.
LEASE: Neotomas
WELL NO.: 2
JOB TYPE: 235-Production
DATE: 1-26-94

JOB LOG FORM 2013 R-4

CUSTOMER: *United Exp. Prod.* WELL NO.: *2* LEASE: *Northwest South 035 Pools* JOB TYPE: *035 Pools* TICKET NO.: *6710-7*

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1420							<i>Production</i> 1-26-94
	1430							<i>Production (approx. 100 bbl/d)</i>
	1445							<i>Production (approx. 100 bbl/d)</i>
	2245							<i>Production (approx. 100 bbl/d)</i>
	2255	6	10			400		<i>Production (approx. 100 bbl/d)</i>
	2307	6	10			400		<i>Production (approx. 100 bbl/d)</i>
	2337	6	10			400		<i>Production (approx. 100 bbl/d)</i>
	2400	6	77			400		<i>Production (approx. 100 bbl/d)</i> 1-27-94
	0015	10	142			400		<i>Production (approx. 100 bbl/d)</i>
	0018	6				400		<i>Production (approx. 100 bbl/d)</i>
	0026	6	75			400		<i>Production (approx. 100 bbl/d)</i>
	0039	6				400		<i>Production (approx. 100 bbl/d)</i>
	0041	4				400		<i>Production (approx. 100 bbl/d)</i>
	0040	2				400		<i>Production (approx. 100 bbl/d)</i>
	0042	0	61			400		<i>Production (approx. 100 bbl/d)</i>
	0045					400		<i>Production (approx. 100 bbl/d)</i>
	0100	2	0			400		<i>Production (approx. 100 bbl/d)</i>
	0511	6	36			400		<i>Production (approx. 100 bbl/d)</i>
	0520	0				400		<i>Production (approx. 100 bbl/d)</i>
	0521	10	78			400		<i>Production (approx. 100 bbl/d)</i>
	0530	6				400		<i>Production (approx. 100 bbl/d)</i>
	0537	2				400		<i>Production (approx. 100 bbl/d)</i>
	0538	1				400		<i>Production (approx. 100 bbl/d)</i>

RELEASED

MAY 24 1995

FROM CONFIDENTIAL

ORIGINAL

RECEIVED
STATE COMPTROLLER COMMISSION
SEP 19 1994
COMMUNICATIONS DIVISION
TOPIA, KANSAS

