



WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

- Deepening Re-perf. Conv. to ENHR Conv. to SWD
- Conv. to GSW
- Plug Back: _____ Plug Back Total Depth _____
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

API No. 15 - _____

Spot Description: _____

_____-_____-_____- Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ 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

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that 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.

Submitted Electronically

KCC Office Use ONLY

- Letter of Confidentiality Received
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____



1067190

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input 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

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
_____ Perforate _____ Protect Casing _____ Plug Back TD _____ Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

Date of First, Resumed Production, SWD or ENHR. _____ Producing Method: Flowing Pumping Gas Lift Other *(Explain)* _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Downing-Nelson Oil Co Inc
Well Name	Ramona 1-31
Doc ID	1067190

All Electric Logs Run

Micro
Sonic
Dual Induction
Compensated Density/Neutron

Form	ACO1 - Well Completion
Operator	Downing-Nelson Oil Co Inc
Well Name	Ramona 1-31
Doc ID	1067190

Tops

Name	Top	Datum
Top Anhydrite	1386'	+679
Base Anhydrite	1424'	+642
Topeka	3122'	-1056
Heebner	3374'	-1308
Toronto	3396'	-1330
LKC	3414'	-1348
BKC	3662'	-1596
Marmaton	3744'	-1678
Cherokee Shale	3785'	-1719
Arbuckle	3853'	-1787



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Dow ning Nelson Oil Co Inc

31-14-20 Ellis, Ks

PO Box 1019
Hays, Ks 67601

Ramona 1-31

Job Ticket: 44727

DST#: 1

ATTN: Gator

Test Start: 2011.11.04 @ 21:12:42

GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:49:42

Time Test Ended: 04:07:12

Test Type: Conventional Straddle (Initial)

Tester: Brian Fairbank

Unit No: 41

Interval: 3746.00 ft (KB) To 3765.00 ft (KB) (TVD)

Reference Elevations: 2065.00 ft (KB)

Total Depth: 3911.00 ft (KB) (TVD)

2057.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 8.00 ft

Serial #: 8734 Outside

Press @ Run Depth: 31.54 psig @ 3750.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.11.04

End Date:

2011.11.05

Last Calib.:

2011.11.05

Start Time: 21:12:43

End Time:

04:07:12

Time On Btm:

2011.11.04 @ 22:48:12

Time Off Btm:

2011.11.05 @ 01:52:42

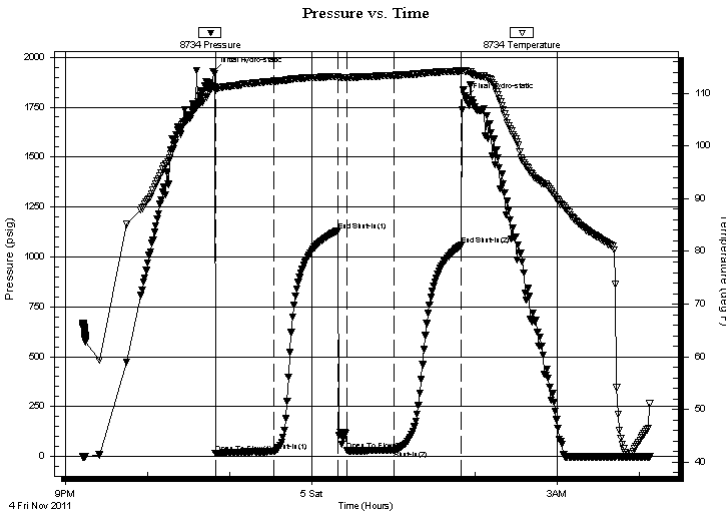
TEST COMMENT: IFP - weak blow throughout 1/2" - 1 1/2"

ISI - no blow back

FFP - no blow 8 min - sur blow

FSI - no blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1929.42	111.03	Initial Hydro-static
2	14.70	110.60	Open To Flow (1)
45	25.20	112.28	Shut-In(1)
91	1132.04	113.19	End Shut-In(1)
98	30.87	112.97	Open To Flow (2)
133	31.54	113.40	Shut-In(2)
181	1057.94	114.21	End Shut-In(2)
185	1797.48	114.18	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
18.00	SOCM 5%O, 95%M	0.09
2.00	FREE OIL 95%O, 5%M	0.01

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Downing Nelson Oil Co Inc

31-14-20 Ellis, Ks

PO Box 1019
Hays, Ks 67601

Ramona 1-31

Job Ticket: 44727

DST#: 1

ATTN: Gator

Test Start: 2011.11.04 @ 21:12:42

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

26 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
18.00	SOCM 5%O, 95%M	0.089
2.00	FREE OIL 95%O, 5%M	0.010

Total Length: 20.00 ft Total Volume: 0.099 bbl

Num Fluid Samples: 0

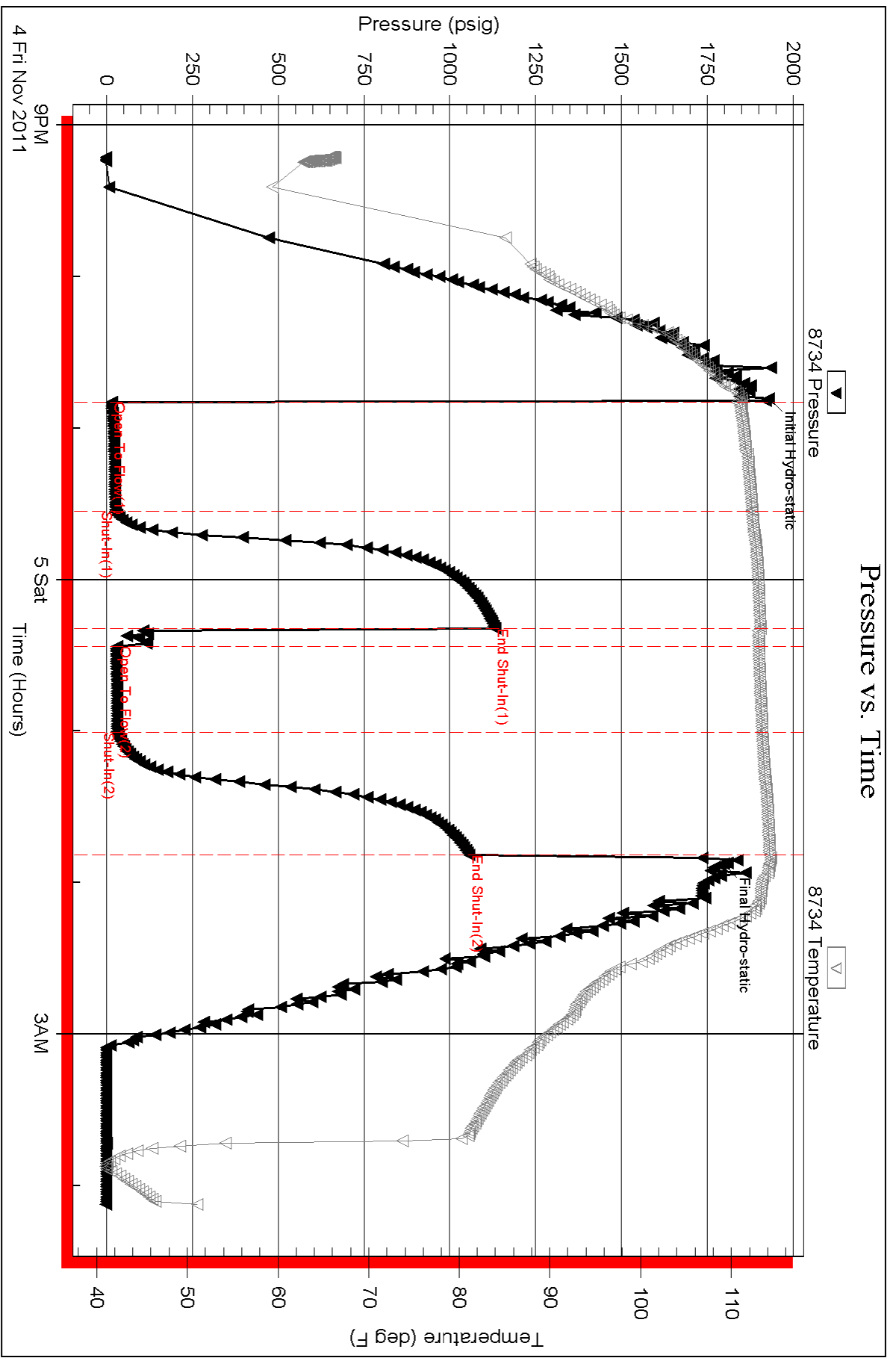
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 507

Date	10/31/11	Sec.	31	Twp.	14	Range	20	County	Ellis	State	KS	On Location	Finish	5:45 AM	
Lease	Ramona			Well No.	1-31			Location	Ellis, Sto Butterfield Tail, 1/2 W, S into						
Contractor	Discovery Drilling Rq #3							Owner	To Quality Oilwell Cementing, Inc.						
Type Job	Surface							You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.							
Hole Size	12 1/4"			T.D.	1200'			Charge To	Downing - Nelson Oil Co Inc.						
Csg.	8 5/8" 23#			Depth	1200'			Street							
Tbg. Size								City	State						
Tool								The above was done to satisfaction and supervision of owner agent or contractor.							
Cement Left in Csg.	39'			Shoe Joint	39'			Cement Amount Ordered	450 5x Com 3 1/4 CC 2% gel						
Meas Line								Displace	74 Bbk.						
EQUIPMENT															
Pumptrk	9	No.		Cementer	Paul			Common	450						
Bulktrk	12	No.		Driver	Matt			Poz. Mix							
Bulktrk	2	No.		Driver	Doug			Gel.	9						
JOB SERVICES & REMARKS															
Remarks:								Hulls							
Rat Hole								Salt							
Mouse Hole								Flowseal	112#						
Centralizers								Kol-Seal							
Baskets								Mud CLR 48							
D/V or Port Collar								CFL-117 or CD110 CAF 38							
Est. Circ.							Sand								
Mix 450 5x							Handling	465							
Displace							Mileage								
Land Plug							FLOAT EQUIPMENT								
Cement Circulated							Guide Shoe								
							Centralizer	8 5/8"							
							Baskets								
							AFU Inserts								
							Float Shoe								
							Latch Down								
							Raffle Plate + Rubber Plug								
							Head + Manifold								
							Pumptrk Charge	Long Surface							
							Mileage	27							
												Tax			
												Discount			
												Total Charge			
X Signature <i>Edwin J. Keller</i>															

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 513

Date	11/5/11	Sec.	31	Twp.	14	Range	20	County	Ellis	State	KS	On Location		Finish	11:45 AM	
Lease	Romona		Well No.	1-31		Location	Ellis, S to Butterfield Trail, 1/2 W/S into									
Contractor	Discovery Drilling Rjg #3							Owner	To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.							
Type Job	PTA							Charge To	Downing-Nelson							
Hole Size	7 7/8"		T.D.													
Csg.	30		Depth													
Tbg. Size			Depth													
Tool			Depth													
Cement Left in Csg.			Shoe Joint	The above was done to satisfaction and supervision of owner agent or contractor.												
Meas Line			Displace	Cement Amount Ordered 205 sx 60/40 4 1/2 gal												
EQUIPMENT																
Pumptrk	9	No.	Cement	Paul		Helper	Common 123									
Bulktrk	8	No.	Driver	Matt		Driver	Poz. Mix 82									
Bulktrk	PV	No.	Driver	Cory		Driver	Gel. 7									
JOB SERVICES & REMARKS																
Remarks:	Calcium															
Rat Hole	30 sx		Hulls													
Mouse Hole	Salt															
Centralizers	Flowseal															
Baskets	Kol-Seal 50#															
D/V or Port Collar	Mud CLR 48															
	3833'		- 25 sx		CFL-117 or CD110 CAF 38											
	1410'		- 40 sx		Sand											
	620'		- 100 sx		Handling 2/2											
	40'		- 10 sx		Mileage											
FLOAT EQUIPMENT																
	Guide Shoe															
	Centralizer 8 5/8" Hole Plug															
	Baskets															
	AFU Inserts															
	Float Shoe															
	Latch Down															
	Pumptrk Charge plug															
	Mileage 27															
Tax																
Discount																
Total Charge																
X Signature <i>Dan Decker</i>																

DRILL STEM TESTS

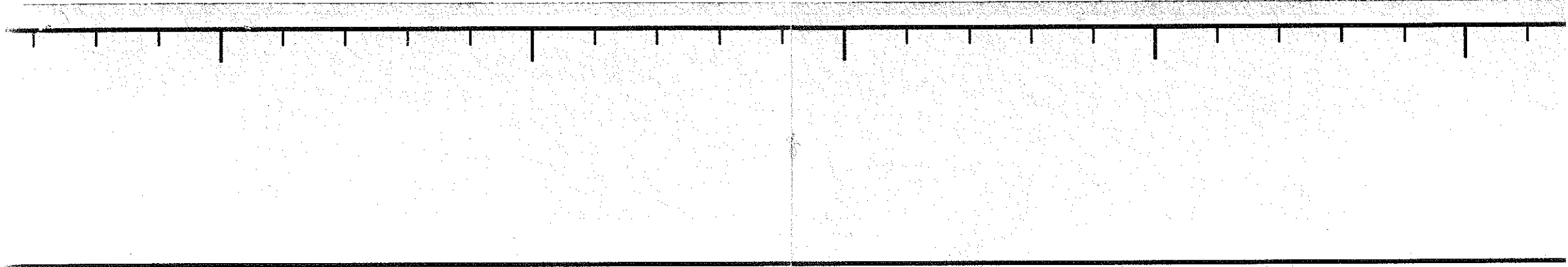
No.	Interval	IFP/Time	ISIP/Time	FFP/Time	FSP/Time	INH-FRH	RECOVERY

REMARKS AND RECOMMENDATIONS

LEGEND

- Anhydrite
- Salt
- Sandstone
- Shale
- Carb sh
- Limestone
- Ool.Lime
- Chert
- Dolomite

<p>DRILLING TIME IN MINUTES PER FOOT Rate of Penetration Decreases</p>	DEPTH	
	LITHOLOGY	
	SAMPLE DESCRIPTIONS	
	OIL SHOWS	
	REMARKS	

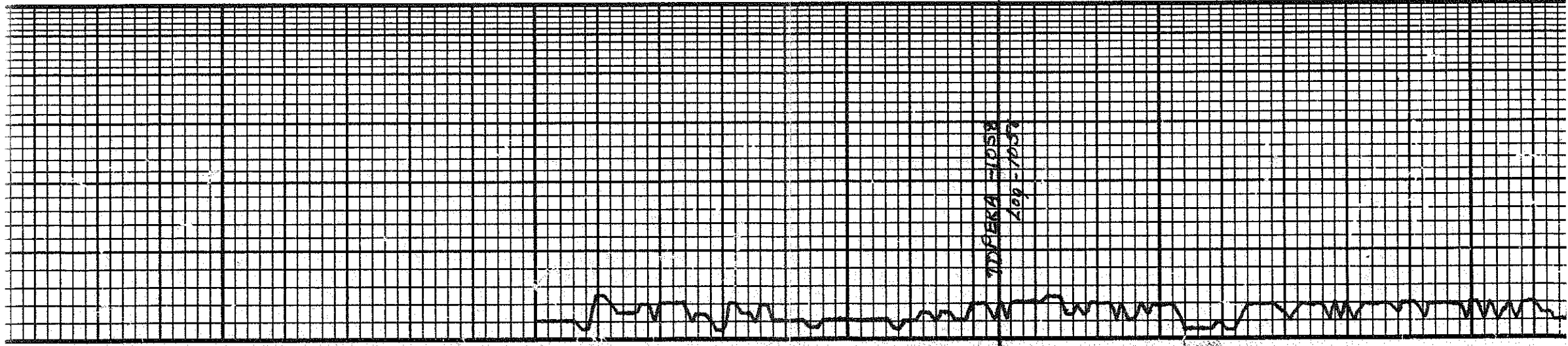


3050

3100

50

3100



TDFERA FIDSR
209-7057

50

3300

50

3400

50

MEDANER - 1312
109-308

TORONTO - 1315
109-330

LAKE - 1331
109-334

Ls, gray-tan, mst fr xyln, pr
w/pt of sh. p. s. local - base of
Pr. int. pos. p. ALL NS.

SH BRU CARB

DNS BRN LS

SH. mstly co, smply. base of
sticky, clayey

Ls show fr xyln, pr 1x4/8
N.S. w/pt of

gray sh

DNS BRN LS. NO. NS

SH GRAY BRU

gray, dk gray

Ls gray. Brn. fr xyln,
tight, pr 1x4/8. NS
fine wh - 9 of ch

SW RD GRAY

Ls cl. tan sm to of col. oc. w/
v. gd. ooc. of. friable NS

fr. pos. fr xyln wh, pr. p.
NS. & ch

3500

50

3600

50

3700

BAC - 1598

109 - 1596

Sh gray, dk gray, red	LS TAN - DK GRAY. SM S/OOL-FOSS
	SM fuxylu dms fr - pricyl dms
	LS, wh, pr - gd vuggy & rxy/0
	food, fr show hvy rary frax on
	v BLK, w/ BLK - havy STANDING ONS
	SH BLK CARB V DUGAL
	LS TAN, SM FOSS, OOL, SMOCKING
	90 INT FOSS, FINEST, FINEST 6 1/2 ZEPS
	w/ BLK TARRY STB, DEAD BK SH NO OD
	frngy fr. - malleable DMS TAN - S
	DK GRAY - BUE SH
	CHKY TANES
	LS WH TAN, SM ANKY, PR
	PRICYL 1-2 SCLD OOL PR NES.
	LS WH - GRAY. FRXYLW, PR
	1xyl/0, MS. TIGHT DMS
	w/ GRAY DK GRAY SH STRGS
	w/ TANES SCLD CRT
	SM S/OOL LS
	gdbst dk gray sh
	LS TAN FUPES S/OOL. TIGHT
	CRST, PRICYL MS.
	LS TAN, FZ CHKY, PR
	SM GRAY. MICRYLW DMS PR
	PRICYL MS.
	SH GRAY, GRN
	SH DU GRAY
	LS WH, SM VOOL-FOSS w/ PRINT
	OOL PR. SH Hvy BUE TARRY OIL
	BUE SPTD SM HOOD
	frngy MICRYLW DMS w/ TANES CRT
	w/ PRICYL MS. - 1 GRAY
	GRAY & GRN SH, RD
	LS TAN - WH, MICRYLW DMS
	PRICYL MS. w/ SM CHKY
	BLK & CRT WH
	LS TAN - BUE ONS PRICYL DMS
	w/ WH CRT
	SH V GRAY
	LS TAN - CRMY DMS v frxy hvy PR
	MS
	frngy, OOL-FOSS, OOL, PRICYL MS.
	frngy
	LS TAN - GRAY MICRYLW DMS
	v PRICYL MS.
	w/ TAN & CRT CRT
	SH V GRAY. BUE
	GRAY - BUE FRXYLW LS V PR
	MS.
	w/ TAN CRT
	SH GRAY. BUE
	LS TAN - BUE FRXYLW PR
	1xyl/0, SHLY, MS.
	SH V GRAY
	LS GRAY v frxy hvy DMS PR
	MS
	SHS RD BUE
	LS TAN - BUE FRXYLW ONS
	PRICYL MS

946 20 11 10 10 10 10

PARSONS - 11/19/81
100 - 11-28

P. H. ROSS & SONS - 11/30
100 - 11/11

PARSONS - 1/10/82
100 - 11/27

PARSONS - 1/10/82
100 - 11/27

50

3800

50

3900

a.a.

UNSTABLES w/ orange cat
p/cp MS

SAS orangey. BRN

LS tan-gray micaceous v.p.r.B

LS gray shaly to msl p. sfo. bed,
BRN sptd sctd stn, sm edge stn,
sm calcite inclusions w/ sm mat. poss
trace p

LS tan. Dm. gray mic. calc.

v.p. msl p. MS

ga. w/ sm cat tan. orange

SAS 349. GA RB

SAS 20. BRN

shaly dirty ss c. ls tan. gray. the
sptd stn w/ ss. NO cat

MSLY 20. SA

ABOUT 20 FBERSH W/ PCS TAN
DMS LS. few pcs w/ cat. ALL MS.

RD. BRN SAS GA
w/ tan cat. few pcs twipcht, sm tan
DMS LS. sm calcite inclusions MS.

DOGS TAN. sh. w/ sm calcite
sm cat. w/ tan

DOGS TAN. sh. w/ sm calcite
sm cat. w/ tan. few pcs w/ tan.
sm calcite inclusions w/ tan.
few pcs w/ tan. ALL MS.

DOGS TAN. sh. w/ sm calcite
sm cat. w/ tan. ALL MS.

DOGS TAN. sh. w/ sm calcite
sm cat. w/ tan. ALL MS.

MOO DMS BRN w/ tan cat
shaly. p/cp MS.

sm w/ calcite. Barren

DMS BRN - Homok - w/ calcite
shaly. MS.

Don Nelson

DST #1
3746-3765'
45' 45" 45' 45"
1 1/2 op 1 1/2 " 18000
2nd op surface blow
I.F.P. 14-25
FFP 30-31
SIP 1132-1057
HP 1929-1797
REC 2' OIL
18' SOC M

DST #1

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DRILLING TIME Minutes/Foot

Rate of Penetration Decreases

LITHOLOGY

DEPTH

SAMPLE DESCRIPTIONS

OIL SHOWS

REMARKS

OPERATOR DNOCC LOCATION 1570' E 31' S 1570' FWL
 LEASE Ramona #1-31 SEC. 31 TWP 14S RING RDW
 ELEVATION 2066' MB COUNTY ELLIS STATE KANSAS
 IP 1A RTD 3910'