

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
June 2009
Form Must Be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 30076
Name: A & A PRODUCTION
Address 1: PO BOX 100
Address 2: _____
City: HILL CITY State: KS Zip: 67642 + _____
Contact Person: ANDY ANDERSON
Phone: (785) 421-6266
CONTRACTOR: License # 33704
Name: A & A DISCOVERY LLC
Wellsite Geologist: DWANE ANDERSON
Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SLOW
- 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 #: _____

<u>10-26-10</u>	<u>11-01-10</u>	<u>11-03-10</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 065-23693-00-00
Spot Description: _____
NE SE SW NE Sec. 14 Twp. 7 S. R. 24 East West
2,280 Feet from North / South Line of Section
1,390 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: GRAHAM
Lease Name: ANDERSON Well #: 14-1
Field Name: UNKNOWN
Producing Formation: _____
Elevation: Ground: 2382 Kelly Bushing: _____
Total Depth: 3900 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at: 264 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 #: _____

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 of 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.

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.

Signature: Andy Anderson
Title: Operator Date: 11-18-10

KCC Office Use ONLY

RECEIVED
Date: NOV 22 2010
 Letter of Confidentiality Received
 Confidential Release Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
ALT I II III Approved by: PA Dlg Date: 11/23/10

Operator Name: A & A PRODUCTION Lease Name: ANDERSON Well #: 14-1
 Sec. 14 Twp. 7 S. R. 24 East West County: GRAHAM

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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: Dual Induction Log; Dual compensated Porosity Log; Microresistivity Log; Computer Processed interpretation	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum GEOLOGIST REPORT ATTACHED
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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"	20	264	COM	175	3% GEL 2% CC

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 <i>(Amount and Kind of Material Used)</i>	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 ENHR. _____		RECEIVED NOV 22 2010 KCC WICHITA
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: <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> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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ALLIED CEMENTING CO., LLC. 041758

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT: Russell, Ks.

DATE <u>10-26-10</u>	SEC. <u>14</u>	TWP. <u>7 S</u>	RANGE <u>24 W</u>	CALLED OUT	ON LOCATION	JOB START <u>7:30 PM</u>	JOB FINISH <u>8:00 PM</u>
LEASE <u>ANDERSON</u>		WELL # <u>14-1</u>		LOCATION <u>Penokee Ks. 5N 1/2E 1/2 S</u>		COUNTY <u>GRAHAM</u>	STATE <u>KANSAS</u>
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR A & A Discovery Rig #
 TYPE OF JOB Cement Surface
 HOLE SIZE 12 1/4 T.D. 276
 CASING SIZE 8 5/8 New DEPTH 275
 TUBING SIZE 20 #CSG DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT
 CEMENT LEFT IN CSG. 15'
 PERFS.
 DISPLACEMENT 16 1/4 BBL

OWNER _____
 CEMENT AMOUNT ORDERED 190 SK 100/40
28 GEL
320 CC

COMMON	<u>114</u>	@	<u>13.50</u>	<u>1539.00</u>
POZMIX	<u>76</u>	@	<u>7.55</u>	<u>573.80</u>
GEL	<u>3</u>	@	<u>20.25</u>	<u>60.75</u>
CHLORIDE	<u>6</u>	@	<u>51.50</u>	<u>309.00</u>
ASC		@		
		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>190</u>	@	<u>2.25</u>	<u>427.50</u>
MILEAGE	<u>19.66/mile</u>			<u>727.00</u>
TOTAL				<u>3632.05</u>

EQUIPMENT _____
 PUMP TRUCK CEMENTER Glenn
 # 398 HELPER Rox
 BULK TRUCK
 # 396 DRIVER Darren early
 BULK TRUCK
 # DRIVER

REMARKS:

Ran 6 IT'S New 8 5/8 20 #CSG.
Set @ 275' Cement w/ SK 690
320 gel & 320 CC, Displace 16 1/4 BBL
& shut in @ 2500'

Cement did circulate to surface

THANKS

CHARGE TO: Andy Anderson "DBA" A & P PRODUCTION
 STREET _____
 CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB			
PUMP TRUCK CHARGE			<u>991.00</u>
EXTRA FOOTAGE	@		
MILEAGE	<u>3P</u>	@	<u>7.00</u> <u>266.00</u>
MANIFOLD	@		
	@		
	@		
TOTAL <u>1257.00</u>			

PLUG & FLOAT EQUIPMENT

	@		
	@		
	@		
	@		
	@		

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To Allied Cementing Co., LLC.
 You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME Robert Heller
 SIGNATURE Robert Heller

SALES TAX (If Any) _____
 TOTAL CHARGES
 DISCOUNT IF PAID IN 30 DAYS

TOTAL **KCC WICHITA**



PO BOX 31 Russell, KS 67665

INVOICE

Invoice Number: 125059

Invoice Date: Oct 26, 2010

Page: 1

Voice: (785) 483-3887

Fax: (785) 483-5566

Bill To:
A & A Production P O Box 100 Hill City,, KS 67642-0100

Customer ID	Well Name# or Customer P.O.	Payment Terms	
A&APro	Anderson #14-1	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS2-01	Russell	Oct 26, 2010	11/25/10

Quantity	Item	Description	Unit Price	Amount
114.00	MAT	Class A Common	13.50	1,539.00
76.00	MAT	Pozmix	7.55	573.80
3.00	MAT	Gel	20.25	60.75
6.00	MAT	Chloride	51.50	309.00
190.00	SER	Handling	2.25	427.50
38.00	SER	Mileage 190 sx @ .10 per sk per mi	19.00	722.00
1.00	SER	Surface	991.00	991.00
38.00	SER	Pump truck Mileage	7.00	266.00

Handwritten: PD 11-440
OK 4400

RECEIVED
NOV 22 2010
KCC WICHITA

Subtotal	4,889.05
Sales Tax	187.43
Total Invoice Amount	5,076.48
Payment/Credit Applied	
TOTAL	5,076.48

ALL PRICES ARE NET, PAYABLE 30 DAYS FOLLOWING DATE OF INVOICE. 1 1/2% CHARGED THEREAFTER. IF ACCOUNT IS CURRENT, TAKE DISCOUNT OF

\$ 977.81

ONLY IF PAID ON OR BEFORE
Nov. 20, 2010

Handwritten: - 977.81
4098.67



PO BOX 31 Russell, KS 67665

Voice: (785) 483-3887
 Fax: (785) 483-5566

INVOICE

Invoice Number: 125169
 Invoice Date: Nov 3, 2010
 Page: 1

Bill To:
 A & A Production
 P O Box 100
 Hill City,, KS 67642-0100

Customer ID	Well Name# or Customer P.O.	Payment Terms	
A&APro	Anderson #14-1	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS2-03	Oakley	Nov 3, 2010	12/3/10

Quantity	Item	Description	Unit Price	Amount
123.00	MAT	Class A Common	13.50	1,660.50
82.00	MAT	Pozmix	7.55	619.10
7.00	MAT	Gel	20.25	141.75
51.00	MAT	Flo Seal	2.45	124.95
205.00	SER	Handling	2.25	461.25
50.00	SER	Mileage 205 sx @ .10 per sk per mi	20.50	1,025.00
1.00	SER	Plug to Abandon	991.00	991.00
50.00	SER	Pump Truck Mileage	7.00	350.00
1.00	EQP	Dry Hole Plug	40.00	40.00

*Ad 11-15-10
 CK HHS*

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 NOV 22 2010
 KCC WICHITA**

ALL PRICES ARE NET, PAYABLE 30 DAYS FOLLOWING DATE OF INVOICE. 1 1/2% CHARGED THEREAFTER. IF ACCOUNT IS CURRENT, TAKE DISCOUNT OF

\$ 1082.71

ONLY IF PAID ON OR BEFORE
Nov 28, 2010

Subtotal	5,413.55
Sales Tax	408.72
Total Invoice Amount	5,822.27
Payment/Credit Applied	
TOTAL	5,822.27

*- 1082.71
 4739.56*

GEOLOGIST REPORT

COMPANY

LEASE Anderson

ELEVATIONS

SEC. TWP RGE KB 2387

COUNTY STATE KS GL 2382

CONTRACTOR A & A

MEASUREMENTS FROM K.B.

SPUD 10-26-10

GASING

RTD 3900

Anhydrite 2116 (+27) Base 2157 (41')

MUD UP 3360

SAMPLES FROM 3360

GEOLOGIST FROM

GEOLOGIST *Alvane Anderson*

DRILLING TIME START 2100

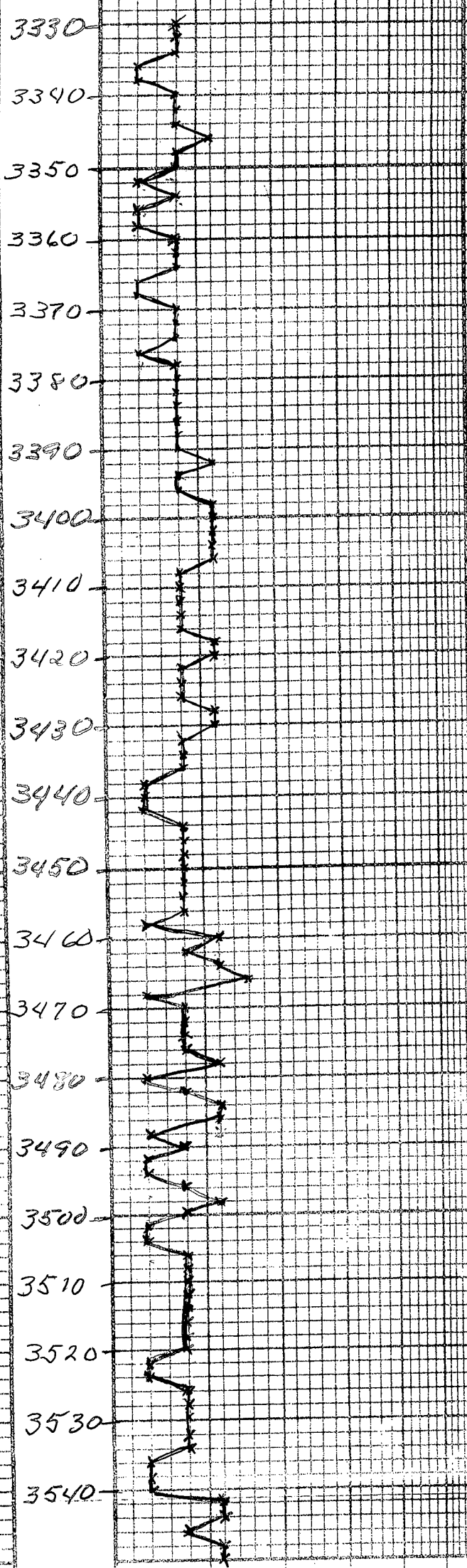
DEPTH	DRILLING TIME						SAMPLE DESC.	REMARKS
	1	2	3	4	5	6		
2090								
2100							Red & Gray shale	
2110							Red & Gray shale	
2120							2116 top of anhydrite Red & gray shale - white anhydrite	- ?
2130							Red fibrous shale gray shale & anhy.	Possible hole in pipe was being down extra shale
2140								Stripped pipe @ 2177 ok 10-29-10 3091 @ 6:30 AM 10-30-10
2150								
2160							-2157-Base of anhy.	

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LITHOLOGY

1 2 3 4 5 6 7 8 9 10



3330 BIK. - Gry. Shale
few pieces L.S.

3340 BIK. - Gry. Shale
few pieces L.S.

3350 BIK. - Tan Shale
few pieces L.S.

3360 BIK. watered shale
Tan Shale - Gry L.S.

3370 BIK. - Tan Shale - few L.S.

3380 BIK. - Tan - Red Shale
few L.S.

3390 BIK. Shale - Tan L.S.

3400 BIK & Red Shale - Tan L.S.

3410 BIK. Shale - Tan L.S. Salt

3420 BIK & Gry. Shale - Tan L.S.

3430 BIK. - Gry Shale - L.S. w/Pyrite

3440 BIK & Gry Shale - L.S.

3450 BIK Shale - Gry L.S.

3460 BIK. Shale - Gry. Pieces L.S.

3470 BIK. Shale - Gry. Fractured L.S.

3480 BIK. shale w/pyrite
Gry. L.S.

3490 BIK. Shale - Gry. L.S.

3540 BIK. shale w/pyrite
Tan L.S.

← Top of Topeka 3444'

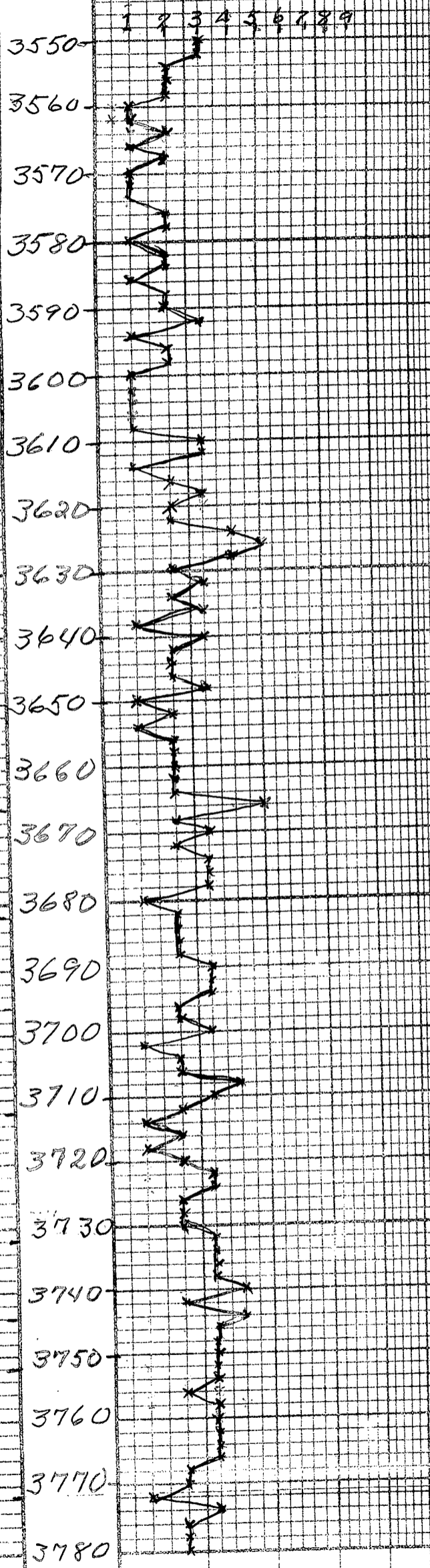
Collar parted
lost samples
3500 to 3540

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LITHOLOGY

DEPTH DRILLING TIME MINUTES/FOOT SAMPLE DESCRIPTIONS REMARKS

Rate of Penetration Increases



Tan L.S. - BIK. Shale
 Tan L.S. 90%
 BIK. Shale 10%
 Tan L.S.
 Small amount of
 BIK. Shale
 Tan L.S. Some BIK. Shale
 Tan L.S. BIK. Shale
 BIK. Greasy Shale
 Small amount of
 Tan L.S.
 Dark BLK Greasy Looking shale
 w/ small amount
 of Tan L.S.
 DKK. BIK w/ Vugs, POROS,
 Greasy Looking Shale
 Small amount of L.S.
 DKK. BIK. rough Surface Shale
 Greasy looking, Soft Shale
 L.S. is increasing
 Tan Chalky Porous L.S.
 90%
 BIK. Smooth Shale 10%
 Tan smooth textured
 L.S. 90%
 Black Smooth Shale 10%
 Tan smooth TEXT L.S. 90%
 Black Shale 10%
 NO SHOW
 Tan L.S. 75%
 Black Hard Shale 5%
 NO SHOW
 Tan L.S. Fine Texture
 5% BIK. Shale
 NO SHOW
 Tan L.S.
 Very POROUS
 NO SHOW
 Tan L.S. Fine Texture
 Green & Black Shale
 NO SHOW
 Tan POROUS L.S.
 Black & Tan Shale 30%
 NO SHOW
 Tan porous L.S.
 BIK. Shale
 NO SHOW
 Tan porous L.S.
 BIK & Green Shale
 NO SHOW
 Tan Very Porous L.S.
 Conglomerate type pieces
 NO SHOW
 BIK. Rotten type shale
 TAN Very porous L.S.
 BIK. Greasy looking Hard
 shale
 NO SHOW
 Tan dense L.S.
 BIK. Hard Shale
 NO SHOW
 Tan porous L.S.
 BIK. Shale
 NO SHOW

← Top Habner
 3600 20' High

← Toronto
 26' high
 90 11-2 well

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LITHOLOGY

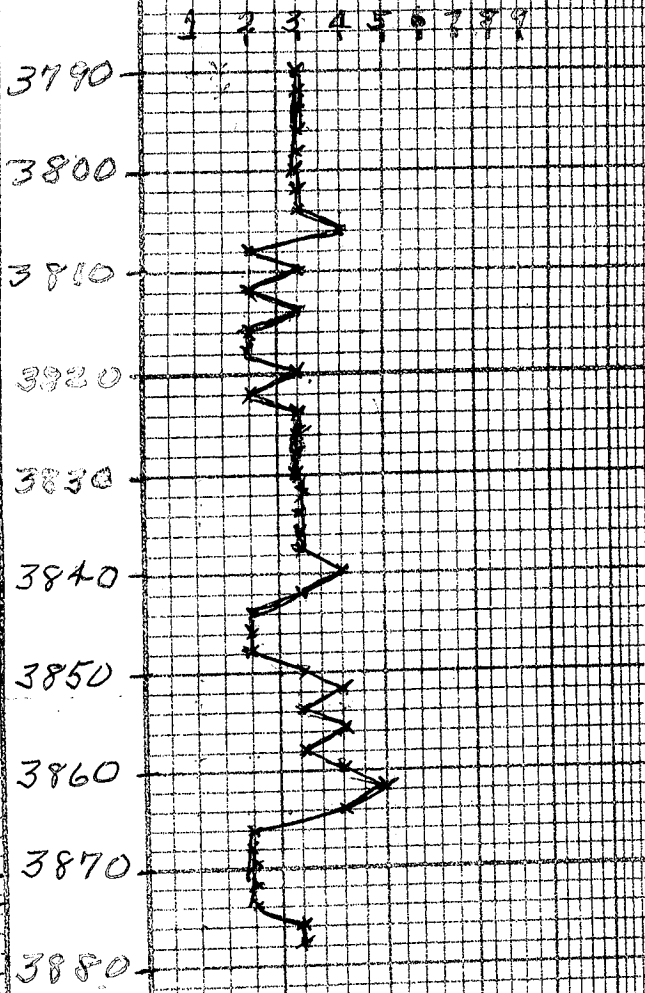
DEPTH

DRILLING TIME MINUTES/FOOT

SAMPLE DESCRIPTIONS

REMARKS

Rate of Penetration Increases



1 2 3 4 5 6 7 8 9

3790 Tan soft L.S.
Blk. shale
NO SHOW

3800 Tan soft L.S.
Blk. shale
NO SHOW

3810 Tan soft L.S.
Blk. shale
NO SHOW

3820 Tan L.S. soft
Blk. shale
NO SHOW

3830 Tan soft L.S.
Blk. shale
NO SHOW

3840 Tan L.S.
Blk. shale
NO SHOW

3850 Tan L.S. dense
Blk. Green shale
NO SHOW

3860 Tan & Butte L.S.
Blk & Green shale
NO SHOW

3870 Tan L.S.
Blk. shale
NO SHOW

3880

Circulated Sample
tan limestone
Red & black shale
NO SHOW

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LITHOLOGY

DEPTH

5" 10" 15" 20" 25"
DRILLING TIME MINUTES/FOOT

SAMPLE DESCRIPTIONS

REMARKS

Rate of Penetration Increases