Confidentiality Requested: Yes No

KANSAS CORPORATION COMMISSION **OIL & GAS CONSERVATION DIVISION**

1173149

Form ACO-1 August 2013 Form must be Typed Form must be Signed All blanks must be Filled

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License #	API No. 15
Name:	Spot Description:
Address 1:	
Address 2:	Feet from Dorth / South Line of Section
City: State: Zip:+	Feet from East / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	
CONTRACTOR: License #	GPS Location: Lat:, Long:
Name:	(e.g. xx.xxxxx) (e.gxxx.xxxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
New Well Re-Entry Workover	Field Name:
	Producing Formation:
	Elevation: Ground: Kelly Bushing:
Gas D&A ENHR SIGW	Total Vertical Depth: Plug Back Total Depth:
OG GSW Temp. Abd. CM (Coal Bed Methane)	Amount of Surface Pipe Set and Cemented at: Feet
Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used? Yes No
If Workover/Re-entry: Old Well Info as follows:	If ves, show depth set: Feet
Operator:	If Alternate II completion, cement circulated from:
Well Name:	feet depth to:w/sx cmt.
Original Comp. Date: Original Total Depth:	
Deepening Re-perf. Conv. to ENHR Conv. to SWD	Duilling Fluid Management Dian
Plug Back Conv. to GSW Conv. to Producer	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Commingled Permit #:	Chloride content: ppm Fluid volume: bbls
Commingled Permit #: Dual Completion Permit #:	Dewatering method used:
SWD Permit #:	Location of fluid disposal if hauled offsite:
ENHR Permit #:	
GSW Permit #:	Operator Name:
	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	Quarter Sec Twp S. R East West
Recompletion Date Recompletion Date	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
Confidentiality Requested
Date:
Confidential Release Date:
Wireline Log Received
Geologist Report Received
UIC Distribution
ALT I II Approved by: Date:

	Page Two	1173149
Operator Name:	Lease Name:	Well #:
Sec TwpS. R East _ West	County:	
INCTRUCTIONS, Chow important tang of formations papatrated	Datail all aaraa Bapart al	I final conice of drill stome tests siving interval tested, time test

INSTRUCTIONS: Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken (Attach Additional Sh	eets)	Yes No		-	on (Top), Depth an		Sample
Samples Sent to Geolog	gical Survey	Yes No	Nam	e		Тор	Datum
Cores Taken Electric Log Run		Yes No					
List All E. Logs Run:							
			RECORD Ne				
		Report all strings set-o	conductor, surface, inte	ermediate, producti	on, 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 / SQU	JEEZE RECORD			
Purpose: Perforate	Depth Top Bottom	Type of Cement	# Sacks Used		Type and Pe	ercent Additives	
Protect Casing Plug Back TD							
Plug Off Zone							

Did you perform a hydraulic fracturing treatment on this well?	Yes	No	(If No, skip questions 2 and 3)
Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?	Yes	No	(If No, skip question 3)
Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?	Yes	No	(If No, fill out Page Three of the ACO-1)

Shots Per Foot		PERFORATION Specify Fo		RD - Bridge Pl Each Interval P)e			ement Squeeze Record of Material Used)	Depth
TUBING RECORD:	Si	ze:	Set At:		Packe	r At:	Liner F		No	
Date of First, Resumed	Product	ion, SWD or ENHI	٦.	Producing M	ethod:	ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	ls.	Gas	Mcf	Wate	er	Bbls.	Gas-Oil Ratio	Gravity
Diopooitri	01105						TION			
DISPOSITI	d 🗌	Used on Lease		Open Hole	METHOD	OF COMPLE	Comp.	Commingled (Submit ACO-4)	PRODUCTION IN	IERVAL:
(If vented, Su	ibmit ACC	J-18.)		Other (Specify)						

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

Form	ACO1 - Well Completion
Operator	D & Z Exploration, Inc.
Well Name	East Gordon 4
Doc ID	1173149

Casing

	Size Hole Drilled	Size Casing Set	U U	Setting Depth	Type Of Cement		Type and Percent Additives
Surface	2.825	7	20	20	Portland	10	none
Production	5.625	2.825	6.2	214.25	50/50 POZ	131	none



REMIT TO Consolidated Oil Well Services, LLC Dept. 970 P.O. Box 4346 Houston, TX 77210-4346

MAIN OFFICE P.O. Box 884 Chanute, KS 66720 620/431-9210 • 1-800/467-8676 Fax 620/431-0012

INVOICE				Invoice	#	264267
<pre>====================================</pre>	11/25/2013	Terms:	0/0/30,n/30	 	Page	

Z EXPLORATION **D** & 901 N. ELM ST. P.O. BOX 159

EAST GORDON #4 44827 NW 27-14-22

1.00

914.00

30.00

ST. ELMO IL 62458 (618) 829 - 3274

11-20-2013 KS

Part Number 11241118B 1111 1110A 4402

Description 50/50 POZ CEMENT MIX PREMIUM GEL / BENTONITE SODIUM CHLORIDE (GRANULA KOL SEAL (50# BAG) 2 1/2" RUBBER PLUG

Qty Unit Price Total 11.5000 1506.50 131.00 92.40 420.00 .2200 98.67 253.00 .3900 655.00 301.30 .4600 1.00 29.5000 29.50 Total Hours Unit Price

368.00

1.00 1085.00

368.00

126.00

.00

1085.00

Description

- MIN. BULK DELIVERY 558
- 666 CEMENT PUMP
- 666 EQUIPMENT MILEAGE (ONE WAY)
- CASING FOOTAGE 666

80 BBL VACUUM TRUCK (CEMENT) 675

90.00 225.00 2.50

.00

4.20

Parts: Labor: Sublt:		Freight: Misc: Supplies:	•	00 Tax: 00 Total: 00 Change	39	49.59 AR 81.96 .00		3981.96
Signed						Date		
BARTLESVILLE, OK 918/338-0808	EL DORADO, KS 316/322-7022	EUREKA, KS 620/583-7664	PONCA CITY, OK 580/762-2303	OAKLEY, KS 785/672-8822	OTTAWA, KS 785/242-4044	THAYER, KS 620/839-5269	GILLETTE, WY 307/686-4914	CUSHING, OK 918/225-2650



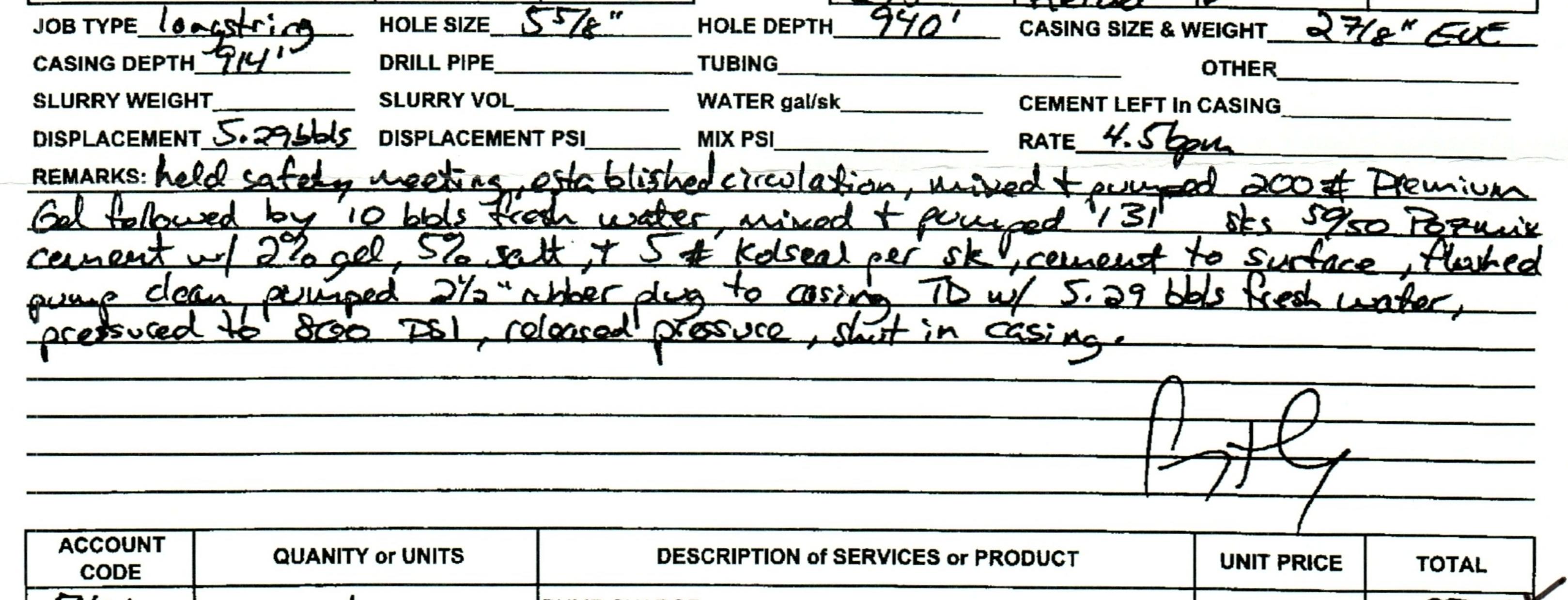
CONSCLIDATED Oil Wall Services, LLC

44827 **TICKET NUMBER** LOCATION Ottawa, K. FOREMAN Caser Leuned

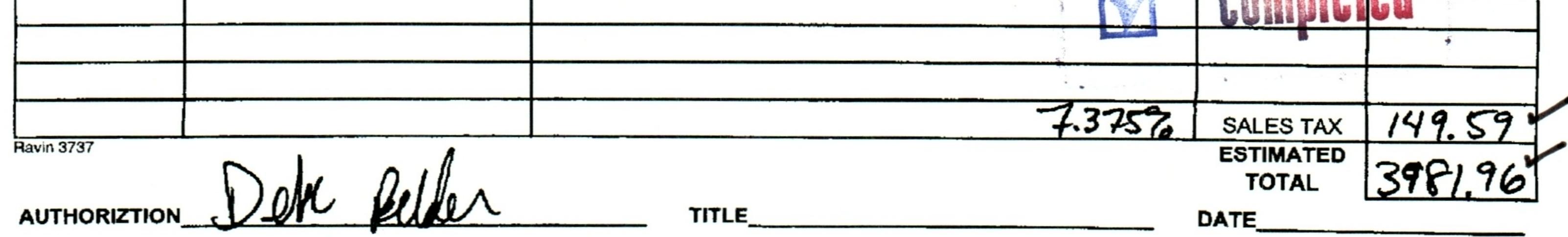
PO Box 884, Chanute, KS 66720 620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT

CEMENT CUSTOMER # WELL NAME & NUMBER SECTION DATE TOWNSHIP RANGE COUNTY 3392 NW 27 Last 22 CUSTOMER 2 Exploration TRUCK # DRIVER TRUCK # DRIVER MAILING ADDRESS 729 Casher Nestina ate 901 N. (ddo Garmas STATE ZIP CODE CITY 558



5401	/	PUMP CHARGE	1085.00
5406	30 m	MILEAGE	126.00
5402	9141	casing footage	
5407	minimum	ten mileage	368.00
SSOac	2.5hrs	80 Vac	225.00
1124	131 Sts	1/50 Poemix cement	1506.50
1118B	420 #	Premium Gel	82.40
1111	253 #	Salt	98.67
HIDA	le55 #	Kdseal	
4402	1	21/2 "rubber plug	301.30 29.50
		1	1
			nomented (
1 1			



I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services Identified on this form

Johnson County, KS Well: 4 Lease Owner: D Z Exploration

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Town Oilfield Service, Inc. (913) 837-8400

Commenced Spudding: 11/18/2013

WELL LOG

Thickness of Strata	Formation	Total Depth
22	soil/clay	22
13	shale	35
5	lime	40
7	shale	47
14	lime	61
9	shale	70
8	lime	78
9	sandy shale & sand	87
20	lime	107
15	shale	122
19	lime	141
7	shale	148
58	lime	206
20	shale	226
8	lime	234
19	shale	253
7	lime	260
3	shale	263
10	lime	273
35	shale	308
1	lime	309
11	shale	320
24	lime	344
7	shale	351
3	lime & shale	354
19	lime	373
5	shale	378
4	lime	382
6	shale	388
6	lime	394
6	shale	400
6	sand	406
11	sandy shale	417
88	shale	505
6	sand	511
7	sandy shale	518
29	shale	547
5	sand	552
4	sandy shale	556
12	shale	568

Johnson County, KS Well: 4 Lease Owner: D Z Exploration

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Town Oilfield Service, Inc. (913) 837-8400

Commenced Spudding: 11/18/2013

4	lime	572
13	shale	585
7	lime	592
18	shale	610
3	lime	613
10	shale	623
9	lime & shale	632
37	shale	669
22	sand	691
6	sandy shale	697
37		734
5	broken sand	739
11	sandy shale	750
24	shale	774
5	sand	779
5	sandy shale	784
29	shale	813
5	sand	818
22	shale	840
5	sand	845
9	shale	854
1	sand	855
13	core	868
14	sandy shale	882
58	shale	940



С	0	R	E

3	sand	858
0.5	sandy lime	858.5
1.5	sandy lime	860
2.5	sand	862.5
1.5	sand	864
1	sand	865
3	sandy shale	868



Short Cuts TANK CAPACITY BBLS. (42 gal.) equals D²x.14xh D equals diameter in feet. h equals height in feet.

BARRELS PER DAY Multiply gals. per minute x 34.2

HP equals BPH x PSI x .0004

Log Book

Well No.	4	
Farm Ces	& Gent	sv-

BPH - barrels per hour PSI - pounds square inch

TO FIGURE PUMP DRIVES

- * D Diameter of Pump Sheave
- * d Diameter of Engine Sheave
- SPM Strokes per minute
- **RPM Engine Speed**
- R Gear Box Ratio
- *C Shaft Center Distance

D - RPMxd over SPMxR d - SPMxRxD over RPM

Johnson
(County)

27 37 12 (Section) (Township) (Range)

For DZZ Explanation (Well Owner)

aoved

Town Oilfield

Services, Inc. 1207 N. 1st East Louisburg, KS 66053 913-710-5400

SPM - RPMXD over RxD R - RPMXD over SPMxD

BELT LENGTH - 2C + $1.57(D + d) + (D-d)^{2}$ 4C

* Need these to figure belt length WATTS TO FIGURE AMPS: VOLTS 746 WATTS equal 1 HP

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GenderParm: Johnson County	
KS State; Well No. 14	
tion 1030	
menced Spuding 11-18 2013	5
hed Drilling 11-20 20_13	
r's Name chuz Weaver	,
r's Name	
r's Name	
Dresser's Name Cole Holenn	

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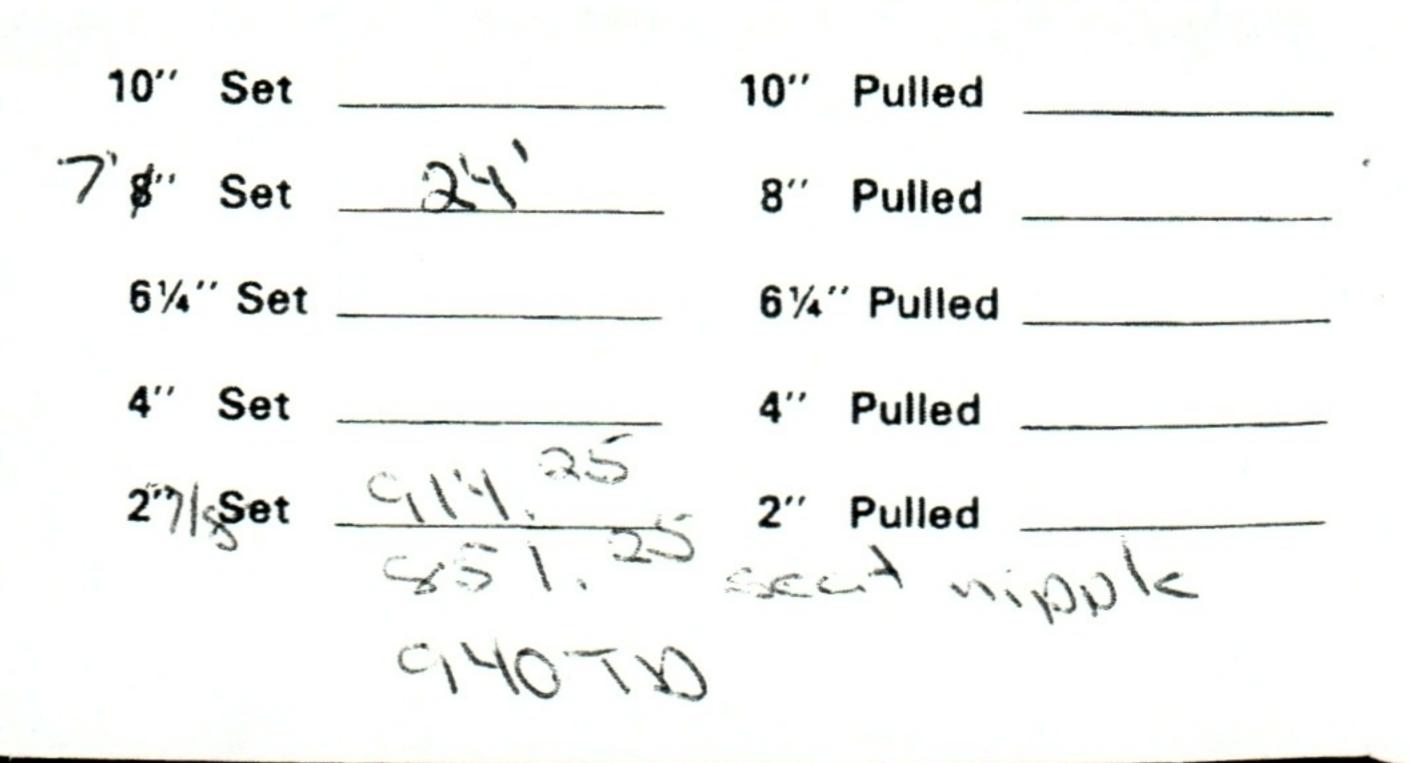
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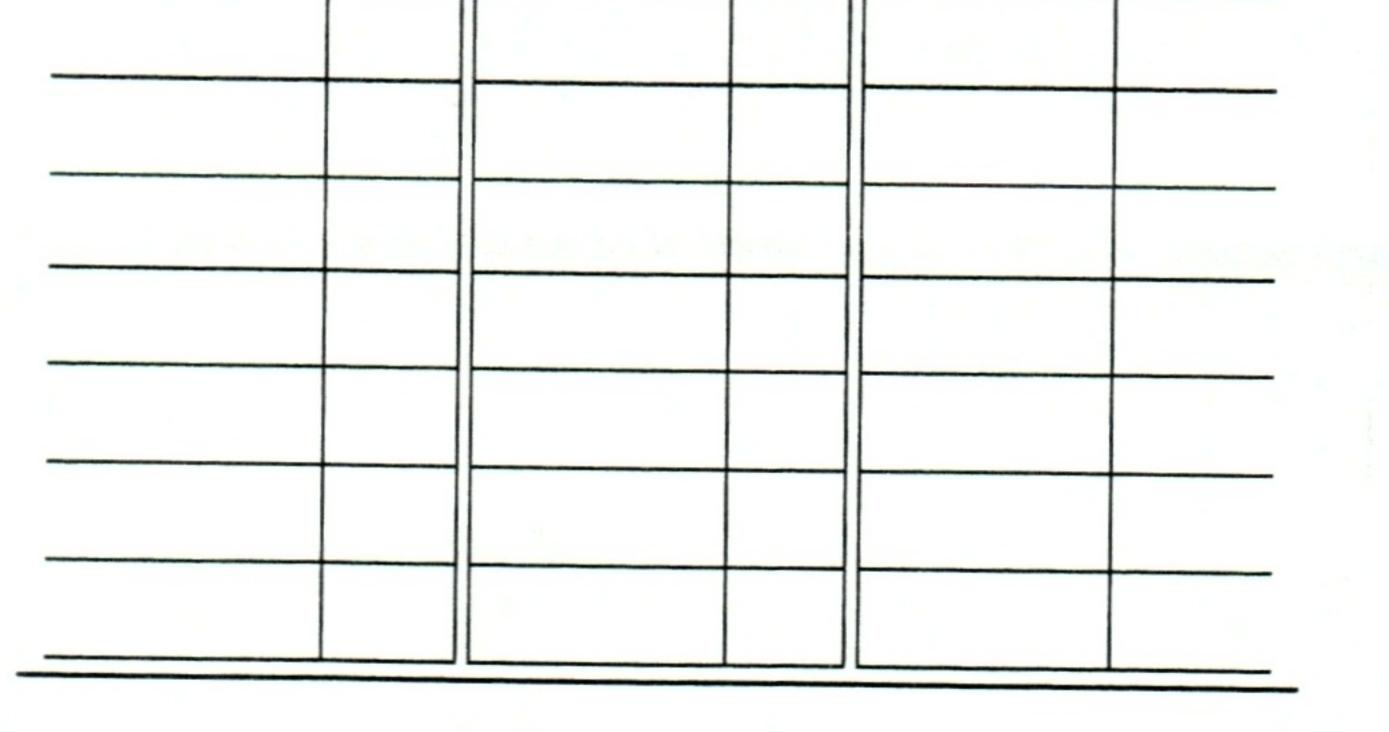
Tool Dresser's Name

Tool Dresser's Name Contractor's Name 105 27 14 22 (Township) (Section) (Range) Distance from _____ line, ____ 37:40 ft. Distance from E line, 4180 ft. coned

3- Sachis

CASING AND TUBING RECORD



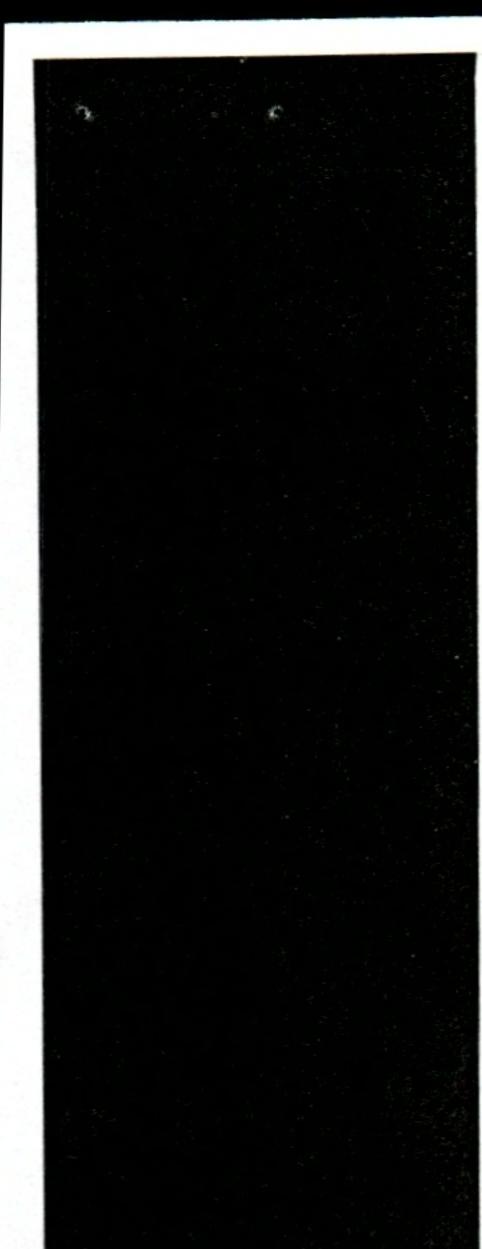


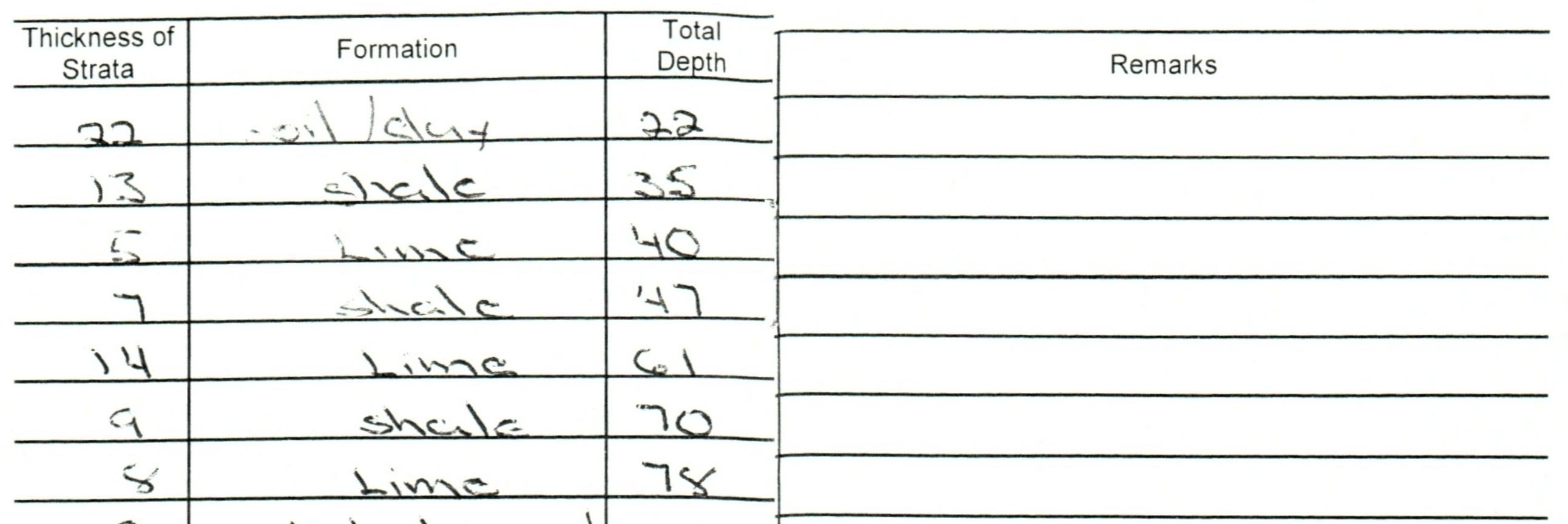
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G send shakisand 87 20 107 ime 15 chale 122 19 1111 Lime shale 148 m Lime 58 201 wello-Eshele 20 226 234 8 Lime 19 shale 253 Lime 200 shale 263 2 273 10 , WIC 35 shale 208 Lime 309 shalle 320 24 141 ime shale 351 3514 2imed shale 3 9 373 Lime -378 Shale -2--3-

378 Thickness of Total Formation Remarks Depth Strata 382 Lime 1-1 388 sha 394 Lime -Harthe 100 stale 0 400 sind . 44 eney, no nele Scins 205 48 shale > 51 Sand 2 sandy shalle 518 547 24 Shale 552 5 sind O ON 1 YEAR 556 14 Sundy sha 10 12 568 SKILE 11 ミック Lime 3 585 shade 592 Lime Shale 18 610 Line 613 2 50 623 shale 9 Line + shale 632 3 669 SVC. 1 bed 22 igi SCULE CV23.V NOON 497 5 SUNC shale 7:34 37 739 1.44/6 011 odor, 750 500 ner 2 JUL -4--5-

Sec. B.

$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	Thickness of	Formation		Remarks
5 $\frac{1}{2}$ $$	Strata			
$34 \Rightarrow cha \$ 13$ $34 \Rightarrow cha \$ 13$ $35 \Rightarrow cnd \$ 13 no \ o'$ $32 \Rightarrow whe \$ 40$ $5 \Rightarrow cnd \$ 45 no \ o'$ $9 \Rightarrow cde \$ 5' 4$ $1 \Rightarrow cnd \$ 55 oder, \ \Rightarrow hid, \ \Rightarrow cd \ \forall ecd:$ $13 core \$ (x \times mac - \aleph)$ $14 and, \ \Rightarrow cle \$ (x \times mac - \aleph)$ $38 chale \$ (x \times 2 mac)$ $58 chale \$ (x \times 2 mac)$ $58 chale \$ (x \times 2 mac)$ $6 a a a a a a a a a $	5	sund 1		1000il
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9 $\frac{1}{8}$ $$				
1 send \$55 odor, adid, and Uechi 13 core \$68 max - \$ 14 and, Ande \$82 max - \$ 58 shale 940 TD 				NO OW
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	1	`		
1^{14} and shale 882 need 58 shale 940 To 10	12		800	
58 shule 940 TO	111		200	parse 3
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855 cone Remarks Thickness of Total Formation Strata Depth いし 1 SUM 2010 .5 858. -ime SCM 5% 860 Lime sand 80 50% - 90% 18 . 3 2.5 3 250 am nche e 56 210-5010 on son and SUL VR.C. S 868 no cu 3 scord C

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