

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 # 33922
Name: Mustang Energy Corporation
Address 1: PO Box 1121
Address 2: _____
City: Hays State: KS Zip: 67601 + _____
Contact Person: Rodney Brin
Phone: (785) 623-0533
CONTRACTOR: License # 33575
Name: WW Drilling
Wellsite Geologist: Kenneth Vehge
Purchaser: Coffeyville

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 #: _____

10-1-2011	10-5-2011	10-19-2011
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 051-26194-00-00

Spot Description: _____

SW SE SW NW Sec. 22 Twp. 11 S. R. 19 East West

2,620 Feet from North / South Line of Section

820 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: Ellis

Lease Name: MR Allen Well #: 12

Field Name: Solomon

Producing Formation: Arbuckle

Elevation: Ground: 1982 Kelly Bushing: 1987

Total Depth: 3530 Plug Back Total Depth: 3525.5

Amount of Surface Pipe Set and Cemented at: 220 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: 3530
feet depth to: Surface w/ 420(30 sks in rat hole) sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 18000 ppm Fluid volume: 300 bbls

Dewatering method used: Hauled to SWD

Location of fluid disposal if hauled offsite:

Operator Name: Mustang Energy Corporation

Lease Name: Allen License #: 33922

Quarter _____ Sec. 22 Twp. 11 S. R. 19 East West

County: Ellis 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: Rodney Brin

Title: Owner Date: 12-16-11

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: Dg Date: 12/29/11

Operator Name: Mustang Energy Corporation Lease Name: MR Allen Well #: 12
 Sec. 22 Twp. 11 S. R. 19 East West County: Ellis

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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: Micro log, Dual Induction, Compensated Density/Neutron Log	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Anhydrite</td> <td>1270</td> <td>+717</td> </tr> <tr> <td>Topeka</td> <td>2935</td> <td>-948</td> </tr> <tr> <td>Heebner</td> <td>3155</td> <td>-1168</td> </tr> <tr> <td>Lansing KC</td> <td>3198</td> <td>-1211</td> </tr> <tr> <td>Base KC</td> <td>3420</td> <td>-1433</td> </tr> <tr> <td>Arbuckle</td> <td>3499</td> <td>-1512</td> </tr> </table>	Name	Top	Datum	Anhydrite	1270	+717	Topeka	2935	-948	Heebner	3155	-1168	Lansing KC	3198	-1211	Base KC	3420	-1433	Arbuckle	3499	-1512
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Arbuckle	3499	-1512																				

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 Pipe	12-1/4	8-5/8	23	220	Common	150	3%cc 2%gel
Production String	7-7/8	5-1/2	14	3529	QMDC	420	14# Flo-sol 500 Gal Mud Clear

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose: _____ Perforate _____ Protect Casing _____ Plug Back TD _____ Plug Off Zone	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<div style="font-size: 2em; opacity: 0.5; transform: rotate(-15deg); position: absolute; top: 10px; left: 10px;">RECEIVED</div> <div style="font-size: 1.5em; font-weight: bold; position: absolute; top: 20px; left: 10px;">DEC 22 2011</div> <div style="font-size: 2em; font-weight: bold; position: absolute; top: 40px; left: 10px;">KCC WICHITA</div>				

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
	P-Plug set @ 3525.5		
8	Perfs 3522-24	250 Gal mud acid	3524

TUBING RECORD: Size: <u>2-7/8</u> Set At: <u>3521</u> Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumed Production, SWD or ENHR. <u>11-5-11</u>		Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____	
Estimated Production Per 24 Hours	Oil Bbls. <u>40</u>	Gas Mcf <u>100</u>	Water Bbls. <u>23</u>

DISPOSITION OF GAS: <input checked="" 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 checked="" 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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QUALITY OILWELL CEMENTING, INC.

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

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

No. 5183

Date	10-5-11	Sec.	22	Twp.	11	Range	19	County	Ellis	State	Ks	On Location	Finish	10:00PM										
Lease	MR Allen	Well No.	12		Location Yocemento Exit + ISO, Approx. 10 1/2 W																			
Contractor	W-W Drilling Rig #8				Owner E/S																			
Type Job	production				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.																			
Hole Size	7 7/8"		T.D.		3530'		Charge To								Black Diamond									
Csg.	5 1/2" 15 1/2' New		Depth		3529'		Tbg. Size								Depth									
Tool	Depth		Street		City								State											
Cement Left in Csg.	42,58'		Shoe Joint		42,58'		The above was done to satisfaction and supervision of owner agent or contractor.																	
Meas Line	Displace		82 BLS		Cement Amount Ordered								450 sx QMDC 4# Flb-seal											
EQUIPMENT										500 gal mud Clear 48														
Pumptrk	1	No.	Cementer		Cisto		Helper		Rick		Common					450								
Bulktrk	8	No.	Driver		Doug		Driver				Poz. Mix													
Bulktrk	13	No.	Driver		Cory		Driver				Gel.													
JOB SERVICES & REMARKS										Calcium														
Remarks:											Hulls													
Rat Hole	30 SX										Salt													
Mouse Hole	N/A										Flowseal					1/2#								
Centralizers	1, 3, 5, 8, 10, 14, 57										Kol-Seal													
Baskets	3, 11, 58										Mud CLR 48					500 gal								
D/V or Port Collar											CFL-117 or CD110 CAF 38													
pipe on bottom, break Circulation pump 500 gal mud Clear 48										Sand					Handling					450				
plug Rathole w/ 30 SX QMDC Cement 5 1/2" Casing w/ 420 SX QMDC. Shut down, wash pump + lines, Released plug + Displaced with 82 BLS of water. Released + Float held.										Mileage														
Lift pressure 800 #										FLOAT EQUIPMENT														
Lant plug to 1500 #										Guide Shoe														
Cement did Circulate.										Centralizer					7 turbo's									
In Cellar										Baskets					3									
										AFU Inserts														
										Float Shoe					1									
										Latch Down					1									
										1- Rotating head Assy														
										Pumptrk Charge					prod Long String									
										Mileage					17									
															Tax									
															Discount									
															Total Charge									

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DEFINITIONS: In these terms and conditions, "Quality" shall mean Quality Oilwell Cementing, Inc., and "Customer" shall refer to the party identified by that term on the front of this contract. As applicable, "Job" relates to the services described on the front side of this contract, "merchandise" refers to the material described on the front of this contract and to any other materials, products, or supplies used, sold, or furnished under the requirements of this contract.

- **TERMS:** Unless satisfactory credit has been established, "CUSTOMER" must tender full cash payment to "QUALITY" before the job is undertaken or merchandise is delivered. If satisfactory credit has been established, the terms of payment for the job and/or merchandise, including bulk cement, are net cash, payable in 30 days from the completion of the job and/or delivery of the merchandise. For all past due invoices, "CUSTOMER" agrees to pay interest on amounts invoiced at a rate of 18 percent per annum until paid. Notwithstanding the foregoing in no event shall this Contract provide for interest exceeding the maximum rate of interest that "CUSTOMER" may agree to pay under applicable law. If any such interest should be provided for, it shall be and hereby is deemed to be a mistake, and this contract shall be automatically reformed to lower the rate of interest to the maximum legal contract rate, any amounts previously paid as excess interest shall be deducted from the amounts owing from the "CUSTOMER" or at the option of "QUALITY," refunded directly to "CUSTOMER." For purposes of this paragraph, QUALITY and CUSTOMER agree that KANSAS law shall apply. Any discounts granted with this contract are null and void if the charges are not paid when due.

- **ATTORNEY FEES:** In any legal action or proceeding between the parties to enforce any of the terms of this Service Contract, or in any way pertaining to the term of this Contract, the prevailing party shall be entitled to recover all expenses, including, but not limit to, a reasonable sum as and attorney's fees.

- **PRICES AND TAXES:** All merchandise listed in "QUALITY'S" current price shall schedule are F.O.B. QUALITY'S local station and are subject to change without notice. All prices are exclusive of any federal, state, local, or special taxes for the sale or use of the merchandise or services listed. The amount of taxes required to be paid by QUALITY shall be added to the quoted prices charged to CUSTOMER.

- **TOWING CHARGES:** QUALITY will make a reasonable attempt to get to and from each job site using its own equipment. Should QUALITY be unable to do so because of poor or inadequate road conditions, and should it become necessary to employ a tractor or other pulling equipment to get to or from the job site, the tractor or pulling equipment will be supplied by CUSTOMER or, if furnished by QUALITY, will be charged to and paid by CUSTOMER.

- **PREPARATION CHARGES:** If a job and/or merchandise is ordered and CUSTOMER cancels the order after preparation of a chemical solution or other material, CUSTOMER will pay QUALITY for the expenses incurred by QUALITY as a result of the cancellation.

- **DEADHAUL CHARGES:** Unless otherwise specified on the front of this Contract, a deadhaul charges as set forth in QUALITY'S current price book will be charged each way for each service unit which is ordered by CUSTOMER but not used.

- **SERVICE CONDITIONS AND LIABILITIES:** 1. QUALITY carries public liability and property damage insurance, but since there are so many uncertain and unknown conditions beyond QUALITY'S control, QUALITY shall not be liable for injuries to property or persons or for loss or damage arising from the performance of the job or delivery of the merchandise. Customer shall be responsible for and indemnify, defend, and hold harmless QUALITY, its officers, agents and employees, from and against any and all claims or suits for:

(A) Damage to property or for bodily injury, sickness, disease, or death, brought by any person, including CUSTOMER and/or the well owner; and:

(B) Oil spills, pollution, surface or sub-surface damage, injury to the well, reservoir loss, or damage arising from a well blowout arising out of or in connection with QUALITY'S performance of the job or furnishing of merchandise in accordance with this contract, unless such loss or damage is caused by the willful misconduct or gross negligence of QUALITY or its employees.

2. With respect to any of QUALITY'S tools, equipment, or instruments which are lost in the well or damaged when performing or attempting to perform the job or, in the case of marine operations, are lost or damaged at any time after delivery to the landing for CUSTOMER and before return to QUALITY at the landing, CUSTOMER shall either recover the lost item without cost to QUALITY or reimburse QUALITY the current replacement cost of the item unless the loss or damage results from the sole negligence of QUALITY or its employees.

3. QUALITY does not assume any liability or responsibility for damages or conditions resulting from chemical action in cements caused by contamination of water or other fluids.

WARRANTIES: 1. QUALITY warrants all merchandise manufactured or furnished by it to be free from defects in material and workmanship under normal use and service when installed, and used, and/or serviced in the manner provided and intended. QUALITY'S obligation under this warranty is expressly limited to repair replacement, or allowance for credit, at its option, for any merchandise which is determined by QUALITY to be defective. THIS IS THE SOLE WARRANTY OF QUALITY AND NO OTHER WARRANTY IS APPLICABLE, EITHER EXPRESS OR OTHERWISE IMPLIED, IN FACT OR IN LAW, INCLUDING ANY WARRANTY AS TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE, CUSTOMER'S sole and only remedy with regard to any defective merchandise shall be the repair or replacement thereof or allowance for credit as herein provided, and QUALITY shall not be liable for any consequential, special, incidental, or punitive damages resulting from or caused by defective materials, products or supplies.

2. More specifically:

(A) Nothing in this contract shall be constructed as a warranty by QUALITY of the success or the effectiveness of the result of any work done or merchandise used, sold, or furnished under this contract.

(B) Nothing in this contract shall be construed as a warranty of the accuracy or correctness of any facts, information, or data furnished by QUALITY or any interpretation of test, meter readings, chart information, analysis or research, or recommendations made by QUALITY, unless the inaccuracy or incorrectness is caused by the willful misconduct or gross negligence of QUALITY or its employees in the preparation or furnishing of such facts, information or data. (C) Work done by QUALITY shall be under the direct supervision and control of the CUSTOMER or his agent and QUALITY will accomplish the job as an independent contractor and not as an employee or agent of the CUSTOMER.

API # 15-051-26184-00-00

Operator: Black Diamond Oil, Inc.

Well Name & No: MR Allen #12

Location: 2620'FNL & 820'FWL Sec. 22-11s-19w

County: Ells

State: Kansas

Rig No.: 8 Contractor: WW Drilling, LLC

Tool Pusher: Sid Deutscher 785-259-2382

Drill Collars: 14 Size: 6 1/4 x 2 1/4

Rig Phone: 785-259-0816

Make Pump: National K-360

Liner & Stroke: 6 x 14

Spud 10/1/2011 - 12:00 pm

Approx. TD: 3550 Elevation: 1982

K.B. 1887

KB Hole Complete: 10/05/2011 @ 5:45AM

Mud Co.: Andy's Mud

Mud Engineer: Kurt Werth

Water Well

Date	10/01/11	10/02/11	10/03/11	10/04/11	10/05/11	10/06/11			
Days	1-spud	2-drlg	3-drlg	4-drlg	5-cfs	6-done			
Depth		823	2188	3125	3530	3530			
Fl. Cuf		823	1365	937	405				
D.T.		8-woc							
D.T.		1.5-r. chain			BT-4hrs.				
C.T.					1.75	17			
Bit Wt.		20,000	25,000	35,000	35,000				
RPM		85	95	85	85				
Pressure		750	850	900	950				
SPM		60	60	60	60				
Mud Cost				7766	7766	7766			
Mud Wt.		9	9.4	8.9	9.1				
Viscosity		28		70	56				
Water Loss				7.6	7.6				
Chlorides				2000	2000				
L.C.M.				2.5	2.5				
Dev. Sur		.5'-218							
Dev. Sur									
Fuel		3650	3300	3000	2700	2550			
Water-Pit		full	1.5	1/2	full				
ACC Bit Hrs.		5.75	27.75	50.5	67.5				
Formallon		sd-sh	sd-sh	sh-lm	sh-lm				
Weather		clear	clear	clear	clear	P/cloudy			

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No.	Size	Type	Out	Ft.	Hrs.	Cum Hrs.	Bit Cond	Serial #	Tops
1	12 1/4	Smith	218	218	2.75	2.75	RR	AN 2019	
2	7 7/8	Sm - F-27	3530	3312	67.5	70.25	New	PT 4059	50.25'Per Hr.
3									
4									

DEPTH	SIZE	SACKS	CEMENT MATERIAL	PLUG DOWN	DRILLED OUT	REMARKS
217	8 5/8	150	Common, 3% cc, 2% gel	4:15 PM	12:15 AM	Quality Cem. Did circulate

NO	INTERVAL	OPEN	SHUT	OPEN	SHUT	RECOVERY
1						
2						
3						
4						
5						
6						
7						
8						
9						

Surface Casing Furnished by: Midwestern Pipeworks: Milden delivered 5 joints of 8 5/8 tally 211.15 set @ 217'

Remarks: Strap & weld surface by WW. Anhydrite 1276-1312, Displaced @ 2800' (660Bbls.), Pulled Plugged Bit@3359 (4hrs.), RTD 3530, LTD 3530' Logged By Superior, 4Hrs., Ran 82 Jts. 5 1/2 Set @ 3529' Plug Down @ 10:00 PM, Rig Released @ 12:00 AM 10/06/2011.

Kenneth Vehige

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10101 343-5011

MINING COMPANY'S WELL LOGS

BLACK DIAMOND OIL, INC.
MR ALLEN #12
SOLOMON
2620 FNL, 820 FWL
22
ELLIS STATE Ks.

1987
1982
KB

WW Drlg. Rig 8
10/1/2011 COMP. 10/6/2011
3530 LID 3530
2800 CHEM Chem.

8 1/2 @ 220'
5 1/2 @ 3529'
CN/OL, DIL, MICRO

Note: 2' Fill above GL

MINING COMPANY'S TOPS & STRUCTURAL ELEVATIONS

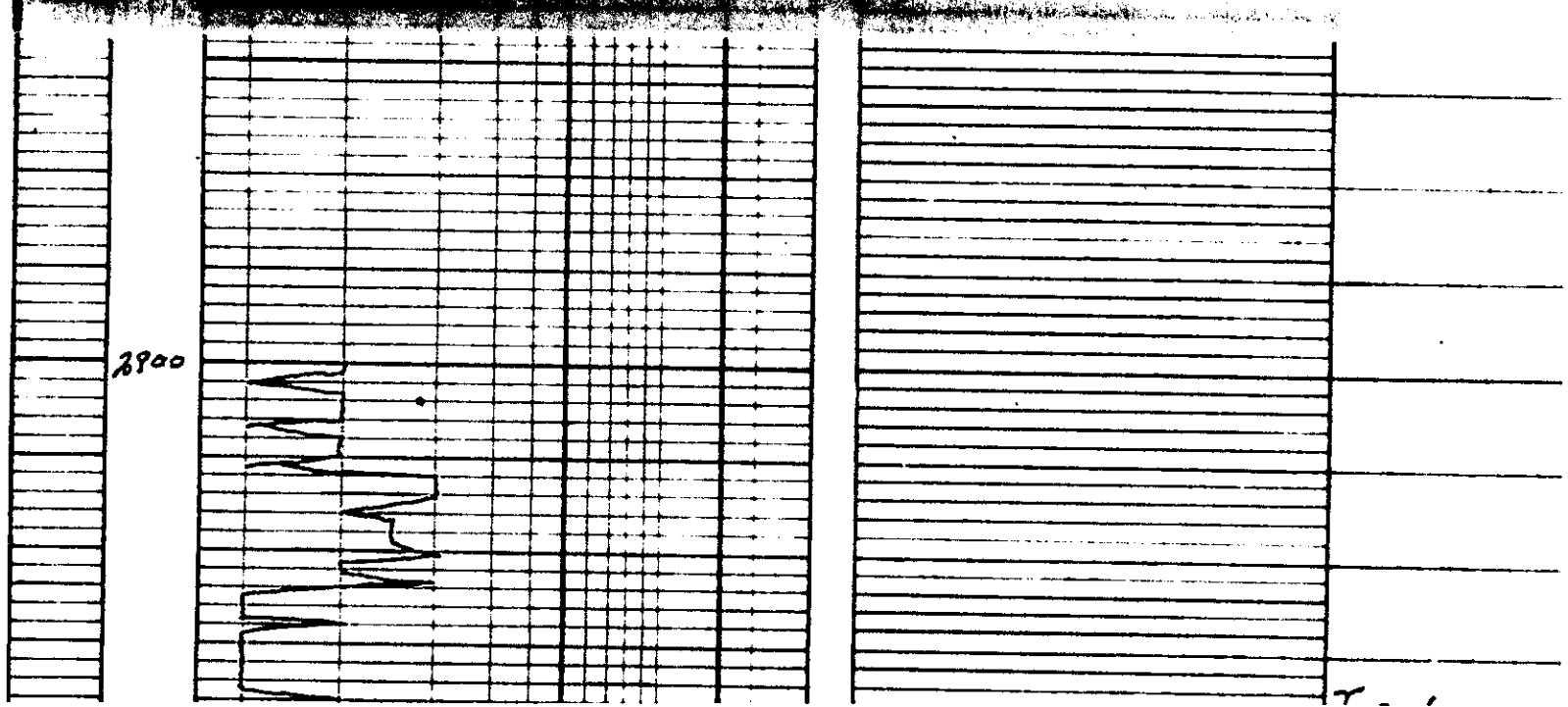
	SAMPLE TOP	ELEVATION	SUBSEA JACOB	STRIKES	STRIKES
Anhydrite	1276	1270	+917	+719	
Base Anhy.	1312	1313	+674	+675	
Tapaku	2937	2935	-942	-944	-947
Dread	3102	3100	-1113	-1110	-1111
Heebner	3157	3155	-1168	-1165	-1167
Taronto	3181	3180	-1193	-1184	-1185
Lansing K.C.	3200	3198	-1211	-1208	-1208
Base K.C.	3420	3420	-1433	-1430	-1430
Arbucula	3499	3499	-1512	-1505	-1512
TD	3530	3530	-1543	-1509	-1510

REFERENCE WELLS FOR STRUCTURE

MR Allen #11 75'S, 25'E SW-SE-NW Sec 22
MR Allen #6 SW-SW-NW Sec 22

RECOMMENDATIONS AND REMARKS

FORMATION	PERFORATE INTERVAL	LOG ANALYSIS		TREATMENT & REMARKS
		% POR	% SW	
Topoka	2961-68			When perf check <u>MRAIten #11</u> Logs & Tests
Oread	3100-03			* NS but odor
"	3120-23			} 1 hole each
Leasing K.C. "C"	3234-36			
"D"	3250-52 & 3260-62			
"E"	3273-75			
"F"	3280-84			
"J"	3366-72			
"K"	3390-92			
Alibuckles	Open hole & 3510-114 & 3502-04			↓



Topokan
2997

Low am 5/10 Fair 100 ft
Fair 100 ft 3AB

3000

50

3100

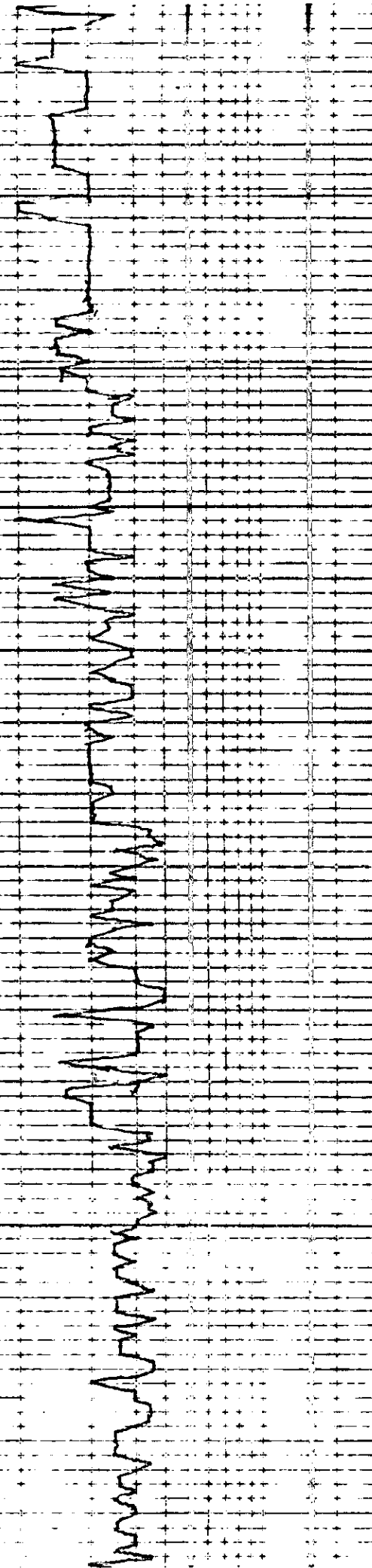
Orvad
3102

↑
↓

Low am 5/10 Fair 100 ft
Fair 100 ft 3AB

3200

3300



sh blk

Heebner
3157

low amt. silty chalky ss
spt 3' from top of ss
spt 5' ss sl 500

Toronto
3181

Landing KC
3200

low amt. silty sst
spt 3' from top of sst
spt 5' sst sl 500

low amt. fine silty ss
spt 3' from top of sst
spt 5' sst sl 500
white weathered sst

low amt. fine silty ss
spt 3' from top of sst
spt 5' sst sl 500

sh blk

low amt. silty chalky
spt 3' from top of ss
spt 5' ss sl 500

50

low con. ten. fxlw. dense
spt. pp. d. wgs. of. wk. odor
spt. str. of. sl. SFO

low con. ten. fxlw. v. spt. salt
wgs. of. good. odors. all. of.
good. odor. fair. good. SFO

low con. fxlw. spt. wgs. of.
odors. all. of. spt. str.
odor. sl. SFO

3400

Base KC
3420

Data fxlw. yellow. lt. gen.
spt. poor. to. fair. chyd.
spt. str. wk. odor. SFO

w/ fxlw. sd. clear. fair.
sitting. poor. of. dd. str.

3500

Data con. ten. fxlw.
spt. poor. to. fair. chyd. SFO
odor. fair. SFO

Arbuckle
3499

Data con. ten. fxlw.
good. con. d. wgs. of. dk. spt.
good. odor. good. SFO

Data All -

Data con. fxlw. most. dense

REFS-25

CFS-30