

ORIGINAL

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

RECEIVED JAN 24 2005

Form ACO-1 September 1999 Form Must Be Typed

Operator: License # 7271 Name: Bartling Oil Company Address: 1001 Canyon Edge Drive City/State/Zip: Austin, Texas 78733 Purchaser: Duke Energy Operator Contact Person: Tab Bartling Phone: (512) 795-9593 Contractor: Name: Cheyenne Drilling License: 33375 Wellsite Geologist: Terry Maxwell

Designate Type of Completion: [X] New Well [] Re-Entry [] Workover [] Oil [] SWD [] SLOW [] Temp. Abd. [] Gas [] ENHR [] SIGW [X] Dry [] Other (Core, WSW, Expl., Cathodic, etc)

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

Original Comp. Date: 12/22/04 Original Total Depth: 2935 [] Deepening [] Re-perf. [] Conv. to Enhr./SWD [] Plug Back [] Plug Back Total Depth [] Commingled [] Docket No. [] Dual Completion [] Docket No. [] Other (SWD or Enhr.?) [] Docket No.

12/20/04 Spud Date or 12/22/04 Date Reached TD 12/22/04 Plugged and Abandoned 12/22/04 Completion Date or 12/22/04 Recompletion Date

API No. 15 - 15071208150000 County: Greeley C NW SE Sec. 33 Twp. 19 S. R. 40 [] East [X] West 1980 feet from S / N (circle one) Line of Section 1980 feet from E W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner: (circle one) NE SE NW SW Lease Name: Wineinger Well #: #2-A

Field Name: Bradshaw Producing Formation: Winfield Elevation: Ground: 3606 Kelly Bushing: 3612 Total Depth: 2935 Plug Back Total Depth:

Amount of Surface Pipe Set and Cemented at 283 Feet Multiple Stage Cementing Collar Used? [] Yes [X] 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) P+H KGR 2/26/08 Chloride content 130,000 ppm Fluid volume 200 bbls Dewatering method used water evaporates in pit

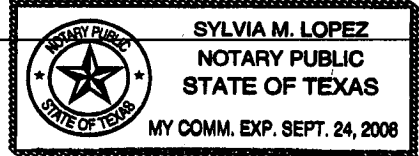
Location of fluid disposal if hauled offsite: Operator Name: Lease Name: License No.: Quarter Sec. Twp. S. R. [] East [] West County: Docket No.:

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.

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: [Signature] Title: President Date: 1/4/05 Subscribed and sworn to before me this 13 day of January 2005. Notary Public: Sylvia M Lopez Date Commission Expires: Sept 24 2008

KCC Office Use ONLY [] Letter of Confidentiality Received [] Wireline Log Received [] Geologist Report Received [] UIC Distribution



JAN 24 2005

Operator Name: Bartling Oil Company Lease Name: Wineinger Well #: #2-A
Sec. 33 Twp. 19 S. R. 40 East West County: Greeley CONSERVATION DIVISION
WICHITA, KS

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 copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken Yes No
(Attach Additional Sheets)
Samples Sent to Geological Survey Yes No
Cores Taken Yes No
Electric Log Run Yes No
(Submit Copy)

Log Formation (Top), Depth and Datum Sample
Name Top Datum
Base of the Stone Corral 2506' +1106
Top of the Upper Winfield 2868' +744

List All E. Logs Run: Compensated Neutron/Density

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 casing	12 1/4 inch	8 5/8	23	283	class c	175	3 % CACL

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		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)	
				Depth

TUBING RECORD		Size	Set At	Packer At	Liner Run
					<input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.			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 Vented Sold Used on Lease (If vented, Submit ACO-18.)
METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled Other (Specify) _____
Production Interval _____

DRILLER'S LOG

BARTLING OIL COMPANY
WINEINGER 2-A
SECTION 33-T19S-R40
GREELEY COUNTY, KANSAS

COMMENCED: 12-20-04
COMPLETED: 12-22-04

RECEIVED
KANSAS CORPORATION COMMISSION

JAN 24 2005

CONSERVATION DIVISION
WICHITA, KS

SURFACE CASING: 280' OF 8 5/8" CMTD
W/175 SKS COMM + 3% CC + 2% GEL.

FORMATION

DEPTH

SURFACE HOLE
RED BED
LIMESTONE & SHALE

0 - 283
283 - 2700
2700 - 2935 RTD

I DO HEREBY CERTIFY THAT THE FOREGOING STATEMENTS ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

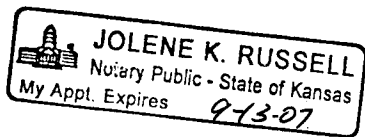
CHEYENNE DRILLING, INC.

WRAY VALENTINE

STATE OF KANSAS: ss:

SUBSCRIBED AND SWORN TO BEFORE ME THIS 23RD DAY OF DECEMBER, 2004.

JOLENE K. RUSSELL

NOTARY PUBLIC

ALLIED CEMENTING CO., INC. 18555

JAN 21 2005 SERVICE POINT: OAKLEY

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

CONSERVATION DIVISION
WICHITA, KS

DATE <u>12-20-04</u>	SEC <u>33</u>	TWP. <u>19S</u>	RANGE <u>40W</u>	CALLED OUT	ON LOCATION <u>2:45 PM</u>	JOB START <u>3:30 PM</u>	JOB FINISH <u>4:00 PM</u>
WEININGER LEASE	WELL # <u>2-A</u>	LOCATION <u>TRIBUNE 85-1/2E-N7W-50</u>			COUNTY <u>GREELEY</u>	STATE <u>KS</u>	

OLD OR (NEW) (Circle one).

CONTRACTOR CHEYENNE DRILL RIG # 11 OWNER SAME

TYPE OF JOB <u>SURFACE</u>	
HOLE SIZE <u>12 1/4"</u>	T.D. <u>283'</u>
CASING SIZE <u>8 7/8"</u>	DEPTH <u>283'</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG.	<u>15'</u>
PERFS.	
TYPE OF CEMENT	<u>17 RRI</u>

CEMENT AMOUNT ORDERED 175 SKS COM 326 CC 296 FL

COMMON	<u>175 SKS</u>	@	<u>9 1/2</u>	<u>1592 50</u>
POZMIX		@		
GEL	<u>3 SKS</u>	@	<u>11 1/2</u>	<u>33 50</u>
CHLORIDE	<u>6 SKS</u>	@	<u>33 1/2</u>	<u>198 50</u>
ASC		@		

ALLIED CEMENTING CO., INC. 18557

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

SERVICE POINT:
OAKLEY

DATE <u>12-21-04</u>	SEC <u>33</u>	TWP <u>19S</u>	RANGE <u>40W</u>	CALLED OUT	ON LOCATION <u>9:30 AM</u>	JOB START <u>3:00 AM</u>	JOB FINISH <u>6:00 AM</u>
WARRANTOR LEASE	WELL # <u>2-A</u>		LOCATION <u>TRIDUNE 8S-16E-NW 1/4</u>		COUNTY <u>GREELEY</u>	STATE <u>KS</u>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)							

CONTRACTOR <u>CHEYENNE OIL RIG #11</u>	OWNER <u>SAME</u>
TYPE OF JOB <u>PTA</u>	
HOLE SIZE <u>7 7/8"</u>	T.D. <u>2935'</u>
CASING SIZE <u>4 1/2"</u>	DEPTH <u>2490'</u>
TUBING SIZE <u>4 1/2"</u>	DEPTH <u>2490'</u>
DRILL PIPE <u>4 1/2"</u>	DEPTH <u>2490'</u>
TOOL <u>4 1/2"</u>	DEPTH <u>2490'</u>
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG.	
PERFS.	
DISPLACEMENT	

CEMENT	
AMOUNT ORDERED	<u>500 SKS ALHO</u>
USED	<u>220 SKS ALHO</u>
COMMON	@
POZMIX	@
GEL	@
CHLORIDE	@
ASC	@

EQUIPMENT		
PUMP TRUCK # <u>191</u>	CEMENTER HELPER	<u>JERRY WAYNE</u>
BULK TRUCK # <u>218</u>	DRIVER	<u>LOANEE</u>
BULK TRUCK # <u>377</u>	DRIVER	<u>WALT</u>

ALHO	220 SKS	<u>13 @</u>	<u>2992</u>
HANDLING	<u>500 SKS</u>	@ <u>1.35</u>	<u>675</u>
MILEAGE	<u>054 PER SKI MILE</u>	@	<u>1875</u>
TOTAL			<u>5542</u>

REMARKS:

MIX 50 SKS AT 2490'
MIX 80 SKS AT 1410'
MIX 40 SKS AT 810'
MIX 40 SKS AT 270'
MIX 10 SKS AT 40'

THANK YOU

CHARGE TO: BARTLING OIL CO.
 STREET _____
 CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB	
PUMP TRUCK CHARGE	<u>700</u>
EXTRA FOOTAGE	@
MILEAGE	<u>75 MI @ 4 @</u> <u>300</u>
MANIFOLD	@
TOTAL	<u>1000</u>

PLUG & FLOAT EQUIPMENT

	@	
	@	
	@	
	@	
	@	
TOTAL _____		

TAX _____
 TOTAL CHARGE _____
 DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE Shel Ford

PRINTED NAME Shel Ford

To Allied Cementing Co., Inc.
 You are hereby requested to rent cementing equipment and furnish cementer and helper 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 & understand the "TERMS AND CONDITIONS" listed on the reverse side.

FIELD OR DISTRICT		COUNTY Greely			STATE/COUNTRY KS USA			WIRE LINE RECORD REEL NO.		
LAST CASING TUBING OR LINER	SIZE	MAKE	WEIGHT & GRADE	NO. JOINTS	LENGTH	RKB. TO CSG. HD.	SET AT	SIZE	NO. LINES	LENGTH SLIPPED
	8 5/8		23#	6	2734	9	280	LENGTH CUT OFF		PRESENT LENGTH
								WEAR OR TRIPS SINCE LAST CUT		CUMULATIVE WEAR OR TRIPS

DEPTH INTERVAL		DRILL. D REAM. R CORE. C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY TABLE SPEED	WT. ON BIT	PUMP PRESSURE	PUMP NO. 1		PUMP NO. 2		PUMP NO. 3		PUMP NO. 4		TOT PU OUT
FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	

DEVIATION RECORD	DEPTH	DEV.	DIR.	TVD	HORIZ. DISP.	DEPTH	DEV.	DIR.	TVD	HORIZ. DISP.	DEPTH	DEV.	DIR.	TVD	HORIZ. DISP.

TIME LOG		ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
FROM	TO			
7:00	11:00	4	1	MIRU - Dig Cellar + Ditches

DEPTH INTERVAL		DRILL. D REAM. R CORE. C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY TABLE SPEED	WT. ON BIT	PUMP PRESSURE	PUMP NO. 1		PUMP NO. 2		PUMP NO. 3		PUMP NO. 4		TOT PU OUT
FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
0	283	D		Surface				6								

DEVIATION RECORD	DEPTH	DEV.	DIR.	TVD	HORIZ. DISP.	DEPTH	DEV.	DIR.	TVD	HORIZ. DISP.	DEPTH	DEV.	DIR.	TVD	HORIZ. DISP.
		283	1												

TIME LOG		ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
FROM	TO			
10:00	1:00	3	1	MIRU, mix Mud
1:00	2:00	1	2	Drig. P/O - 283
2:00	2:30	1/2	5	CTCH, Drop Survey
2:30	3:00	1/2	6	TOPH. F/ 8 5/8 CASING

DEPTH INTERVAL		DRILL. D REAM. R CORE. C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY TABLE SPEED	WT. ON BIT	PUMP PRESSURE	PUMP NO. 1		PUMP NO. 2		PUMP NO. 3		PUMP NO. 4		TOT PU OUT
FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
283							750	6	64							

DEVIATION RECORD	DEPTH	DEV.	DIR.	TVD	HORIZ. DISP.	DEPTH	DEV.	DIR.	TVD	HORIZ. DISP.	DEPTH	DEV.	DIR.	TVD	HORIZ. DISP.

TIME LOG		ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
FROM	TO			
3:00	3:30	1/2	12	Rig up + Run 6 Jts 8 5/8 CASING 273.40 SET @ 280
3:30	4:00	1/2	12	Rig up C.C. + Cement 175 ST. Common 3" (CL)
4:00	11:00	7	13	W.O.C. Back off, Nipple up, TTH

IADC - API OFFICIAL DAILY DRILLING REPORT FORM



APPROVED



APPROVED

No. 1348080

DRILLER *James C. Davis*

LEASE Wineinger				WELL NO. #2-A		API WELL NUMBER 15-071-20815-00-00				DATE 12/21/04	
OPERATOR Bartling Oil				CONTRACTOR Cheyenne Drly LP				RIG NO. 11			
SIGNATURE OF OPERATOR'S REPRESENTATIVE						SIGNATURE OF CONTRACTOR'S TOOL PUSHER					
D.P. SIZE	WEIGHT	GRADE	TOOL JT O.D.	TYPE THREAD	STRING NO.	PUMP NO.	PUMP MANUFACTURER		TYPE	STROKE LENGTH	
4 1/2	16.6	E	6	XH	1	1	Idesco		550	15	

TIME DISTRIBUTION - HOURS				DRILLING ASSEMBLY (At end of tour)			BIT RECORD				MUD RECORD																
CODE NO. - OPERATION	MORN.	DAY	EVE.	NO.	ITEM	LENGTH	BIT NO.	SIZE	IADC CODE	MANUFACTURER	TYPE	SERIAL NO.	JETS	TFA	DEPTH OUT	DEPTH IN	TOTAL DRILLED	TOTAL HOURS	TIME	WEIGHT	PRESSURE GRADIENT	FUNNEL VISCOSITY	PV/VP	GEL STRENGTH	FLUID LOSS	pH	SOLIDS
1. RIG UP AND TEAR DOWN				1	BIT 7 7/8	.83	2	7 7/8		STC	M92VPX	JT2307	5-14 ⁵		OB	283	1217	6 3/4			H						
2. DRILL ACTUAL	6 3/4		2	1	Sub: MTR 26.50																						
3. REAMING				20	6 x 2 1/4 OD	598.95																					
4. CORING					OD																						
5. CONDITION MUD & CIRCULATE			1 1/2		OD																						
6. TRIPS			2 1/2		OD																						
7. LUBRICATE RIG					OD																						
8. REPAIR RIG					BHA	572.78																					
9. CUT OFF DRILLING LINE					STANDS ___ D.P.																						
10. DEVIATION SURVEY			1 1/4		SINGLES ___ D.P.																						
11. WIRE LINE LOGS			1 1/2		KELLY DOWN																						
12. RUN CASING & CEMENT					TOTAL																						
13. WAIT ON CEMENT	1				WT. OF STRING	50000 K																					
14. NIPPLE UP B.O.P.			1 1/2																								
15. TEST B.O.P.																											

TIME DISTRIBUTION - HOURS				DRILLING ASSEMBLY (At end of tour)			BIT RECORD				MUD RECORD																
CODE NO. - OPERATION	MORN.	DAY	EVE.	NO.	ITEM	LENGTH	BIT NO.	SIZE	IADC CODE	MANUFACTURER	TYPE	SERIAL NO.	JETS	TFA	DEPTH OUT	DEPTH IN	TOTAL DRILLED	TOTAL HOURS	TIME	WEIGHT	PRESSURE GRADIENT	FUNNEL VISCOSITY	PV/VP	GEL STRENGTH	FLUID LOSS	pH	SOLIDS
16. DRILL STEM TEST					BIT 7 7/8	.83	2	7 7/8		STC	M92VPX	JT2307	5-14 ⁵		OB	283											
17. PLUG BACK					Sub: MTR 26.50																						
18. SQUEEZE CEMENT				20	6 x 2 1/4 OD	571.95																					
19. FISHING					OD																						
20. DIR. WORK					OD																						
21. Drill Cement	1 1/4				BHA	599.28																					
22.					STANDS ___ D.P.																						
23.					SINGLES ___ D.P.																						
A. PERFORATING					KELLY DOWN																						
B. TUBING TRIPS					TOTAL																						
C. TREATING					WT. OF STRING																						
D. SWABBING																											
E. TESTING																											
G.																											
H.																											

TIME DISTRIBUTION - HOURS				DRILLING ASSEMBLY (At end of tour)			BIT RECORD				MUD RECORD																
CODE NO. - OPERATION	MORN.	DAY	EVE.	NO.	ITEM	LENGTH	BIT NO.	SIZE	IADC CODE	MANUFACTURER	TYPE	SERIAL NO.	JETS	TFA	DEPTH OUT	DEPTH IN	TOTAL DRILLED	TOTAL HOURS	TIME	WEIGHT	PRESSURE GRADIENT	FUNNEL VISCOSITY	PV/VP	GEL STRENGTH	FLUID LOSS	pH	SOLIDS
TOTALS	8		8		BIT 7 7/8	.83	2	7 7/8		STC	M92VPX	JT2307	5-14 ⁵		2935	283	2652 ROP	15 1/2									
DAYWORK TIME SUMMARY (OFFICE USE ONLY)					Sub: MTR 26.50																						
HOURS W/CONTR. D.P.				20	6 x 2 1/4 OD	571.95																					
HOURS W/OPR. D.P.					OD																						
HOURS WITHOUT D.P.					OD																						
HOURS STANDBY					OD																						
TOTAL DAYWORK					BHA	599.28																					
NO. OF DAYS FROM SPUD					STANDS ___ D.P.																						
CUMULATIVE ROTATING HOURS					SINGLES ___ D.P.																						
DAILY MUD COST					KELLY DOWN																						
TOTAL MUD COST					TOTAL																						
					WT. OF STRING	66 K																					



MORNING TOUR

DAY TOUR

EVENING TOUR

FIELD OR DISTRICT Brad Shaw		COUNTY Greely			STATE/COUNTRY Ks.			WIRE LINE RECORD REEL NO.		
LAST CASING TUBING OR LINER	SIZE	MAKE	WEIGHT & GRADE	NO. JOINTS	LENGTH	RKB. TO CSG. HD.	SET AT	SIZE	NO. LINES	LENGTH SLIPPED
								LENGTH CUT OFF		PRESENT LENGTH
	WEAR OR TRIP'S SINCE LAST CUT									
	CUMULATIVE WEAR OR TRIPS									

DEPTH INTERVAL		DRILL. D REAM. R CORE. C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY TABLE SPEED	WT. ON BIT	PUMP PRESSURE	PUMP NO. 1		PUMP NO. 2		PUMP NO. 3		PUMP NO. 4	
FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	LINER SIZE	S.P.M.
283	1500	D		Red Bed	50/35	6/8	1350	6	64						

DEVIATION RECORD	DEPTH	DEV.	DIR.	TVD	HORIZ. DISP.	DEPTH	DEV.	DIR.	TVD	HORIZ. DISP.	DEPTH	DEV.	DIR.	TVD	HORIZ. DISP.

TIME LOG		ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
FROM	TO			
11:00	12:00	1	13	(W.O.C.) / Rig
12:00	12:15	1/4	21	Drilling Cement
12:15	7:00	6 3/4	2	Drilling 7 7/8 new Hole Fl. 283'-1500'

DRILLER **John Marston**

DEPTH INTERVAL		DRILL. D REAM. R CORE. C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY TABLE SPEED	WT. ON BIT	PUMP PRESSURE	PUMP NO. 1		PUMP NO. 2		PUMP NO. 3		PUMP NO. 4	
FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	LINER SIZE	S.P.M.
1500	2700	D		Red Bed	70/80	8/10	1200	6	64						

OFF Btm.

DEVIATION RECORD	DEPTH	DEV.	DIR.	TVD	HORIZ. DISP.	DEPTH	DEV.	DIR.	TVD	HORIZ. DISP.	DEPTH	DEV.	DIR.	TVD	HORIZ. DISP.
		1619'	1°												

TIME LOG		ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
FROM	TO			
7:00	2:45	3/4	2	Drlg f/1500'-1651'
7:45	8:15	1/2	10,7	Survey, ✓ Rig
8:15	1:30	5/4	2	Drlg f/1651'-2551'
1:30	2:15	3/4	21	D&C Suction (Change Gland Rubbers OBWS)
2:15	3:00	3/4	2	Drlg f/2551'-2700'

DRILLER **Adams**

DEPTH INTERVAL		DRILL. D REAM. R CORE. C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY TABLE SPEED	WT. ON BIT	PUMP PRESSURE	PUMP NO. 1		PUMP NO. 2		PUMP NO. 3		PUMP NO. 4	
FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	LINER SIZE	S.P.M.
2700	2935	D		Lima/Shale	70/80	8/15	1100	6	64						

DEVIATION RECORD	DEPTH	DEV.	DIR.	TVD	HORIZ. DISP.	DEPTH	DEV.	DIR.	TVD	HORIZ. DISP.	DEPTH	DEV.	DIR.	TVD	HORIZ. DISP.
		2935	3/4												

TIME LOG		ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
FROM	TO			
3:00	5:00	2	2	Drlg f/2700-2935
5:00	6:30	1 1/2	5	CTCA f/Logs - Drop Survey
6:30	9:00	2 1/2	6	700ft. f/Logs
9:00	9:30	1/2	14/11	Nipple Drwn S. Head & Rig up f/Loggers
9:30	11:00	1 1/2	11	Rig up Loggers & Log (Logs went to 2936)

DRILLER **James C. Davis**



APPROVED



APPROVED

No. 1348081

No. 1348082

DAILY DRILLING REPORT

REPORT NO.

LEASE Wineinger
OPERATOR Bartling Oil
SIGNATURE OF OPERATOR'S REPRESENTATIVE

WELL NO. 2-A

API WELL NUMBER 15-071-20815-00-00
DATE 12/22/04
CONTRACTOR CHEYENNE Drilling LP
RIG NO. 11
SIGNATURE OF CONTRACTOR'S TOOL PUSHER

Table with columns: D.P. SIZE, WEIGHT, GRADE, TOOL JT O.D., TYPE THREAD, STRING NO., PUMP NO., PUMP MANUFACTURER, TYPE, STROKE LENGTH

TIME DISTRIBUTION - HOURS
CODE NO. - OPERATION
MORN. DAY EVE.
1. RIG UP AND TEAR DOWN
2. DRILL ACTUAL
3. REAMING
4. CORING
5. CONDITION MUD & CIRCULATE
6. TRIPS
7. LUBRICATE RIG
8. REPAIR RIG
9. CUT OFF DRILLING LINE
10. DEVIATION SURVEY
11. WIRE LINE LOGS
12. RUN CASING & CEMENT
13. WAIT ON CEMENT
14. NIPPLE UP B.O.P.
15. TEST B.O.P.
16. DRILL STEM TEST
17. PLUG BACK
18. SQUEEZE CEMENT
19. FISHING
20. DIR. WORK
21. Clean Ptz
22.
23.
COMPLETION
A. PERFORATING
B. TUBING TRIPS
C. TREATING
D. SWABBING
E. TESTING
F.
G.
H.

DRILLING ASSEMBLY (At end of tour)
NO. ITEM LENGTH
BIT
OD
OD
OD
OD
STANDS ___ D.P.
SINGLES ___ D.P.
KELLY DOWN
TOTAL
WT. OF STRING

BIT RECORD
BIT NO.
SIZE
IADC CODE
MANUFACTURER
TYPE
SERIAL NO.
JETS
TFA
DEPTH OUT
DEPTH IN
TOTAL DRILLED
TOTAL HOURS
CUTTING STRUCTURE
INNER OUTER DULL CHAR. LOCATION
BEARINGS/ SEALS GAGE OTHER DULL CHAR. REASON PULLED

MUD RECORD
TIME
WEIGHT
PRESSURE GRADIENT
FUNNEL VISCOSITY
PV/YP
GEL STRENGTH
FLUID LOSS
pH
SOLIDS
MUD & CHEMICALS ADDED
TYPE AMOUNT TYPE AMOUNT

TOTALS
DAYWORK TIME SUMMARY (OFFICE USE ONLY)
HOURS W/CONTR. D.P.
HOURS W/OPP. D.P.
HOURS WITHOUT D.P.
HOURS STANDBY
TOTAL DAYWORK
NO. OF DAYS FROM SPUD
CUMULATIVE ROTATING HOURS
DAILY MUD COST
TOTAL MUD COST

DRILLING ASSEMBLY (At end of tour)
NO. ITEM LENGTH
BIT
OD
OD
OD
OD
STANDS ___ D.P.
SINGLES ___ D.P.
KELLY DOWN
TOTAL
WT. OF STRING

BIT RECORD
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MUD & CHEMICALS ADDED
TYPE AMOUNT TYPE AMOUNT

DRILLING ASSEMBLY (At end of tour)
NO. ITEM LENGTH
BIT
OD
OD
OD
STANDS ___ D.P.
SINGLES ___ D.P.
KELLY DOWN
TOTAL
WT. OF STRING

BIT RECORD
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MORNING TOUR

DAY TOUR

FIELD OR DISTRICT Brod. Shaw	COUNTY Greely	STATE/COUNTRY 125	WIRE LINE RECORD REEL NO.							
LAST CASING TUBING OR LINER	SIZE	MAKE	WEIGHT & GRADE	NO. JOINTS	LENGTH	RKB. TO CSG. HD.	SET AT	SIZE	NO. LINES	LENGTH SHIPPED
								LENGTH CUT OFF		PRESENT LENGTH
								WEAR OR TRIPS SINCE LAST CUT		
								CUMULATIVE WEAR OR TRIPS		

DEPTH INTERVAL		DRILL..D REAM..R CORE..C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY TABLE SPEED	WT. ON BIT	PUMP PRESSURE	PUMP NO. 1		PUMP NO. 2		PUMP NO. 3		PUMP NO. 4	
FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	LINER SIZE	S.P.M.

TIME LOG		ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
FROM	TO			
11:00	1:00	2	11	Logging & Rig down Loggers.
1:00	3:00	2		move DC'S & T.J.H. w/ Plugging Pipe
3:00	6:00	3		Plug Hole w/ 80SX 2490 80 SX 1410 40SX 810 40SX 270
6:00	7:00	1		Clean Pts 105X 40'

DRILLER *John Marston*

DEPTH INTERVAL		DRILL..D REAM..R CORE..C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY TABLE SPEED	WT. ON BIT	PUMP PRESSURE	PUMP NO. 1		PUMP NO. 2		PUMP NO. 3		PUMP NO. 4	
FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	LINER SIZE	S.P.M.

TIME LOG		ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
FROM	TO			
7:00	8:00	1	21	Clean Pts - Drain water tank
8:00	11:00	3	1	TEAR down - move off

Release Rig @ 8:00 AM. 12-22-04

DRILLER

DEPTH INTERVAL		DRILL..D REAM..R CORE..C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY TABLE SPEED	WT. ON BIT	PUMP PRESSURE	PUMP NO. 1		PUMP NO. 2		PUMP NO. 3		PUMP NO. 4	
FROM	TO							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	LINER SIZE	S.P.M.

TIME LOG		ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
FROM	TO			

DRILLER



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