

MOBIL DAILY DRILLING REPORT

WELL Brown 22-23 RIG NRG #2 DAYS FROM SPUD 10 DATE 3/17/64
 AFE 6EM2 COUNTY FINNEY STATE KANSAS PROP. TD. 5250
 DEPTH 5250 PROGRESS - DRILL TIME - BC 12
 CASING 5 1/2" @ 3135' SHOE TEST - BOP -
 STATUS FINAL REPORT FORMATION St Louis

MUD:		INTS:
TIME		NO.
WT.		SIZE
FUN'L VIS		MAKE
PV/YP		TYPE
GELS ₆₀ /10		JETS
API WL		BIT WT
HT WL		RPM
pH		PMP PRESS
OIL %		PMP STKS
SOLIDS%		GPM
SAND %		HOURS RUN
CL PPM		FOOTAGE
FLT		DEPTH OUT
VELNOZ _____ LF. _____		CONDITION
ANNVEL: DC _____ DP _____		SER. NO.

[illegible]

SURVEYS:		
DEPTH	DEV.	DIR.

MATERIAL USAGE:

GAS: _____
BG _____
TRP _____
COMM _____

BOTTOM HOLE ASSEMBLY:

DAILY MUD COST _____
TOTAL 4167
COSTS:
DAILY 33293
TOTAL 181986

[illegible]**REMARKS:**

F/ RUNNING 5 1/2" PRODUCTION CSG
RUE HALLWATION. CMT'D 5 1/2" CSG
ND BOP. SET SLIPS. CUT OFF.
DUMP PITS : CLEAN.

RIG RELEASED 11:30 AM 3/16/86

PHONE _____

SUPERVISOR A/ELSON

N BIL DAILY DRILLING REPORT

WELL BROWN 22-23 RIG NRG #2 DAYS FROM SPUD 9 DATE 3/16/86
 AFE 6EM2 COUNTY FINNEY STATE KS PROP. TD. 5250
 DEPTH 5250 TD TD PROGRESS — DRILL TIME — BC 12
 CASING 8 7/8" c 1956 SHOE TEST 12.5 BOP 3/9/86
 STATUS RUN 5 1/2" CSD - FORMATION st. Louis

MUD:
 TIME
 WT.
 FUN'L VIS
 PV/YP
 GELS_{0/10}
 API WL
 HT WL
 pH
 OIL %
 SOLIDS %
 SAND %
 CL PPM
 FLT
 VELNOZ _____ I.F. _____
 ANNVEL: DC _____ DP _____

BITS:
 NO.
 SIZE
 MAKE
 TYPE
 JETS
 BIT WT
 RPM
 PMP PRESS
 PMP STKS
 GPM
 HOURS RUN
 FOOTAGE
 DEPTH OUT
 CONDITION
 SER. NO.

SURVEYS:
 DEPTH DEV. DIR.

MATERIAL USAGE:

Bicarbonate
of soda - 35x

DAILY MUD COST 120
 TOTAL 4967 (.79/ft.)
 COSTS:
 DAILY 30,787
 TOTAL 148,693

GAS:
 BG
 TRP N/A
 CONN

BOTTOM HOLE ASSEMBLY:

N/A

FROM	TO	HRS.	OPER. CODE	PROB. CODE
0600	0830	2 1/2	310	
0830	1200	3 1/2	310	
1200	1430	2 1/2	310	
1430	1615	1 3/4	411	
1615	1930	3 1/4	411	
1930	2030	1	415	
2030	2130	1	415	
2130	2300	1 1/2		
2300	0115	2 1/4	415	
0115	0415	3	411	
0415	0600	1 3/4	440	

REMARKS

FINISH RUN #1 - DRILL IND. SPECTRA DENSITY, NEUTRON
MICROLOGY, GR & CALIBER.

LOG RUN #2 SONIC & GR.

LOG #3 CSD & GR

TEH w/ DC's & 13 STDS. DP.

RH L.D. MACHINE - LD 13 STDS DP & 6 STDS DC's.

TEH w/ 36 STDS DP to 3269'.

RH HOWCO, SPOT 7.5X PHUA @ 3269'.

POH w/ BENDRO DP. RIN w/ BIT, 2 STDS DC's
& 32 STDS DP to 3114'.

CCM - w/o CMH. DRESS OFF PHUA to 3150' (3150-3269)

POH LD DP & DC's.

RH CSD RUN - RUN 5 1/2" CSD.

PHONE (316) 624-6258
#470- RIG -

SUPERVISOR JEFF NELSON

MOBIL OIL CORPORATION
PRIMARY CASING CEMENTING JOB REPORT

WELL NAME BROWN 22-23 DATE 3/16/26

LOCATION S15-T255-PAW, FINNEY CO., KANSAS

HOLE AND HED DATA: Depth 5250 Avg. Caliper Hole Size 8 1/2" Max. Deviation Angle 1° 52' 09"
Lost Casing Depth 195' and Size 8 3/4" Mud Type FW GEL Wt. 9.1
Remarks: (Give details of unusual hole conditions - drag, fillup, lost circulation.) LOST CIRC @ 2758, AND 3000'. LOST CEMENT RETAINS @ 3062'

CASING DATA: Depth Set 3435' Size 5 1/2" Distance Between Shoe and Collar 99.62'
Was mill varnish removed through pay sands? No

Casing Mfr.	Wts.	Grade	Conn.	Range	No. Joints	Total Feet Less Threads
<u>CEIL</u>	<u>15.5</u>	<u>K-55</u>	<u>2" L.T.C.</u>	<u>36-96'</u>	<u>70+100</u>	<u>3121'</u>

Running speed/joint, last 1/3 string 1 MIN/SEC Full circulation while running casing? YES
If not, describe _____

Maximum Time Stationary to install head 15 sec How long circulated before cementing? 15 min

Was pipe worked while circulating? YES Circ. pressure 240 at 270 gpm.

Indicated weight on up stroke 49,000 on downstroke 44,000 Casing landing weight, less hook block 30,000

CEMENT DATA:

Cement	Water	Number Stacks	Slurry Weight
<u>50.50 Bags W/202</u>	<u>5.81 2/4</u>	<u>350</u>	<u>14.1 lb</u>
<u>TOTAL GEL</u>			

Cal Cement Top 1950 Max pressure before pump 240 at 270 gpm. Preflush type and amount 10 BFW

Turbulent or plug flow? TDRB Cement mix time 12 min Plug pump time 9 min Full circ.? YES

If not, describe _____

Cement returns to surface? No Approx. vol. _____ Recirculated? No Retested? No

CENTRALIZER AND SCRATCHER DATA: No., Type, and Location 10 CENTRALIZERS: ONE ON SHOE JOINT, ONE EVERY OTHER JOINT THEREAFTER

GENERAL REMARKS: DSP: PUMPED PLUG. FLOTT HEAD OK.

Signed: John M. Nelson
Drilling Foreman

Give such information as: When and if circulation was lost, difficulty or ease mixing cement and slurry weights attained, depths where excessive drag occurred, operation of cementing equipment, etc. Write on back of page if necessary. This information is valuable toward improvement of cementing practices.

MOBIL DAILY DRILLING REPORT

WELL Brown 22-23 RIG NRG #2 DAYS FROM SPUD 8 DATE 3/15/86
 AFE 65M2 COUNTY FINNEY STATE KANSAS PROP. TD. 5830
 DEPTH 5250 PROGRESS 282 DRILL TIME 15 1/2 BG 12
 CASING 8 3/4 @ 1956 SHOE TEST 12.5 BOP 4/9/86
 STATUS LOGGING; RUN NO. 1 FORMATION St. Louis

MUD:	0200		BITS:
TIME	9.2		NO.
WT.	47		SIZE
FUN'L VIS	12/18		MAKE
PV/YP	4/16		TYPE
GELS ₀ /10	11		JETS
API WL	-		BIT WT
HT WL	9.0		RPM
pH	4		PMP PRESS
OIL %	6.0		PMP STKS
SOLIDS%	TFC		GPM
SAND %	200		HOURS RUN
CL PPM	10		FOOTAGE
NEW LCM			DEPTH OUT
VELNOZ	286	LF. 750	CONDITION
ANNVEL: DC	297	DP 163	SER. NO.

BITS:
 NO.
 SIZE
 MAKE
 TYPE
 JETS
 BIT WT
 RPM
 PMP PRESS
 PMP STKS
 GPM
 HOURS RUN
 FOOTAGE
 DEPTH OUT
 CONDITION
 SER. NO.

3		
778		
872		
HP53		
3812	Drummed Ball	
45		
90		
1480		
62		
270		
39 3/4		
858		
5250		
866		
N71744		

SURVEYS:	DEPTH	DEV.	DNR.
5209	1°		

MATERIAL USAGE:

GRILL - 345XS
CAUSTIC - 245S
HULLS - 105XS

GAS: 204
 BG -
 TRP -
 CONN 104 over BG

BOTTOM HOLE ASSEMBLY:
SAME AS 3/10/86

DAILY MUD COST 336

TOTAL 4047

COSTS:
DAILY 6117

TOTAL 117906

[illegible]

REMARKS

DR 48-4948

SERVICE Bg

DELO 1978-5250

CIRC

10 STD SHORT TRIP

CIRC CONDITION HOLE FOR LOGS

DROPPED SURVIV/ 1°E 5209'

TON FOR LOGS (CHAIN OUT 13 STDS)

RU WELSH, PAN DUAL INDUCTION, SPECIAL
DENSITY, NEUTRON, MICROLOG, GR, CAL

PHONE 316-624-6258
UNIT 470 (R16)

SUPERVISOR Nelson

MOBIL DAILY DRILLING REPORT

WELL BEDARD 22-23 NG NEL #2 DAYS FROM SPUD 6 DATE 3/15/36
 AFE 6FNL COUNTY FINNEY STATE KANSAS PROP. TD. 5650
 DEPTH 4968 PROGRESS 522 DRILL TIME 22 3/4 BC 12
 CASING 8 5/8 @ 1956 SHOE TEST 12.5 BOP 3/9/36
 STATUS DRLG FORMATION MURROW

BRD:	0530		RTS:
TIME	31		NO.
WT.	44		SIZE
FUEL VLS	12/17		MAKE
FW/TF	4/16		TYPE
GELSOL/10	11		JETS
API WT.	-		BIT WT
HT WL	2.8		RPM
pH	6		PMP PRESS
OR %	5.1		PMP STKS
SOLIDS%	782		GPM
SAND %	200		HOURS RUN
CL PPM	2		FOOTAGE
BMF LCM			DEPTH OUT
VELNOZ	585	LF. 740	CONDITION
ARRIVEL: DC	287	DP 154	SER. NO.

3		
7 7/8		
RTC		
HP53		
3x12 Drummed Ball		
45		
90		
HP50		
60		
270		
2 1/4		
5 1/2		
157/144		

SURVEYS:		
DEPTH	DEV.	DIR.

MATERIAL USAGE:
GR - 75 S/S
GR - 4 S/S
Mus - 329 S/S
STAINLESS - 5 S/S

DAILY MEAL COST 691
TOTAL 3709
COSTS:
DAILY 5118
TOTAL 14799

GAS _____
DE 20m
TRP -
CONC 304

BOTTOM HOLE ASSEMBLY:
Same as 7/10/26

[illegible]

REMARKS

DAID 4446-4538

SOLVING THE

Doc #538-5728

SEARCHED R/L

DELO #728-1875

SERIALIZED 76

DELD 1215-1913

Revere Books & Records Dept. Open

DELO 490-4968

PHONE 316-624-6258
WCT 470 (RUC)

SUPERVISOR Nelson

100-207 (b)(7)(C)

GAS:		BOTTOM HOLE ASSEMBLY:		TOTAL	3018
BG	200'	SAME		COSTS:	
TRIP	800 ft out 86			DAILY	5389
CONN	150 ft out 86			TOTAL	109060

[illegible]

REMARKS

DRLD 3956-4078
 STUCK PIPE ON CONNECTION @ 4052' WORKED PIPE.
 CIRC HOLE W/ PAPERX SLUG.
 SPOTTED 60 BW OIL
 WORKED PIPE FREE
 DRLD 4078-4392
 DROPPED SURVEY 1" @ 4371
 TRIPPED FOR BIT #3
 REMOVED 4281-4392
 DRLD 4392-4446

PHONE 316-624-6258
UNIT 470 (RIG)

SUPERVISOR Nelson

WELL Brown 22-23 RIG N&G #2 DAYS FROM SPUD 5 DATE 3/11/06
 AFE 6EM2 COUNTY FINNEY STATE KANSAS PROP. ID. 5290
 DEPTH 3956 PROGRESS 901 DRILL TIME 28 BC 12
 CASING B 5/8 @ 1956 SHOE TEST 12.5 BOP 3/9/06
 STATUS DRILL FORMATION Lawrence

MUD:	0500		BITS:
TIME	20		NO.
WT.	36		SIZE
FUNCL VIS	10/16		MAKE
PV/YP	4/10		TYPE
GELS ₀ /10			JETS
API WL	25		BIT WT
HT WL	-		RPM
pH	7.5		PMP PRESS
OIL %	4		PMP STKS
SOLIDS%	5.1		GPM
SAND %	72.4		HOURS RUN
CL PPM	1800		FOOTAGE
RENT LCM	2		DEPTH OUT
VELNOZ	270	LF. 150	CONDITION
ANNYL: DC	297	DP 163	SER. NO.

BITS:
 NO.
 SIZE
 MAKE
 TYPE
 JETS
 BIT WT
 RPM
 PMP PRESS
 PMP STKS
 GPM
 HOURS RUN
 FOOTAGE
 DEPTH OUT
 CONDITION
 SER. NO.

2		
74 ₂		
57C		
F-27		
3X12 / 2 EXTENDED, 1 PLUG & C		
40/45		
90		
1450		
62		
279		
423 1/4		
1997		
530135		

SURVEYS:	DEPTH	DEV.	DIR.
291	3/4"		

MATERIAL USAGE:
 GSR - 65 SCS
 ANTIMONY - 9 SCS
 SAGW - 2 SCS
 HALLS - 75 SCS

GAS: 60-3790
 BG: 60-386
 TRF: 200
 COMM: TBC

BOTTOM HOLE ASSEMBLY:
SAME AS 3/10/64

DAILY MUD COST 2.20
TOTAL 254
COSTS:
DAILY 12556
TOTAL 103071

[illegible]

REMARKS:

DELD 3055 - 3132: LAST METAL STRAINS @ 3062.6' RMS.
CURR 1/4 HR RAIN SURVEY 3/4 @ 3091'
DELD 332 - 3344'
SERVICED RIG
DELD 3344 - 3679'
SERVICED RIG
DELD 3679 - 3756'

PHONE 316-624-6258
UNIT 470 (RIG)

SUPERVISOR NELSON

MOBIL DAILY DRILLING REPORT

WELL Brown #22-23 RIG NRG-2 DAYS FROM SPUD 4 DATE 3/11/86
 AFE 6EM2 COUNTY Finney STATE Kansas PROP. TD. 5250
 DEPTH 3055 PROGRESS 860 DRILL TIME 17 BC 12
 CASING 8 5/8" @ 1956 SHOE TEST 12.5 BOP 3/9/86
 STATUS Drilling FORMATION Council Grove

MUD:
 TIME 0500
 WT. 8.8
 FUN'L VIS 33
 PV/YP 9/13
 GELS@10 4/9
 API WL 32
 HT WL -
 pH 7.5
 OIL % 7.0
 SOLIDS% 3.2
 SAND % fr.
 CL PPM 1900
 F&T LCM 3#
 VELNOZ 263 I.F. 323
 ANNVEL: DC 255 DP 154

BITS:
 NO. 2
 SIZE 7 7/8
 MAKE STC
 TYPE F-27
 JETS 3-12
 BIT WT 40/45
 RPM 90
 PMP PRESS 1400
 PMP STKS 58
 GPM 271
 HOURS RUN 2034
 FOOTAGE 1096
 DEPTH OUT 120935
 CONDITION 120935
 SER. NO. 120935

2		
7 7/8		
STC		
F-27		
3-12		
40/45		
90		
1400		
58		
271		
2034		
1096		
120935		

SURVEYS:

DEPTH	DEV.	DIR.

MATERIAL USAGE:

Gel	58
Soda Ash	2
Extender	5
Rapid Mud	1/2
Hulls	77

GAS:
 BG 110
 TRP
 CONN 25

BOTTOM HOLE ASSEMBLY:
Same as 3/10/86

DAILY MUD COST 1.046
 TOTAL 1.754
 COSTS:
 DAILY 27.219
 TOTAL 91.115
 MOBIL OIL CORPORATION
 RECEIVED

FROM	TO	HRS.	OPER. CODE	PROB. CODE
0600	1015	4 1/4	210	
1015	1030	1/4	290	
1030	1545	5 1/4	210	
1545	1615	1/2	870	
1615	1700	3/4	210	
1700	1800	1	820	
1800	2045	2 3/4	733	
2045	2115	1/2	730	
2115	2215	1	820	
2215	2345	1 1/2	210	
2345	2400	1/4	290	
2400	0430	4 1/2	210	
0430	0515	3/4	820	
0515	0600	3/4	210	

REMARKS

Drid. 2195-2432.

Service rig.

Drid. 2432-2720.

Repair mud line.

Drid. 2720-2758.

Lost circ., stuck pipe @ 2740'.

Re-gain circ., work pipe.

Spot 50 bbls. oil, lost returns, pipe came free.

Cond. mud, re-gained returns.

Drid. 2758-2828.

Service rig.

Drid. 2828-3010.

Lost returns, pumped LCM, re-gained.

Drid. 3010-3055.

MAR 11 1986

Denver E & P Division
 Oil & Gas Acctg. Dept.

PHONE N/A

SUPERVISOR Jeff Nelson

MOBIL DAILY DRILLING REPORT

WELL Brown 22-23 RIG NLG 2 DAYS FROM SPUD 3 DATE 3/10/86
 AFE 65M2 COUNTY Finney STATE Kansas PROP. TO. 5250
 DEPTH 2195 PROGRESS 236 DRILL TIME 3 1/4 DC 12
 CASING 8 5/8 @ 1956' BIDE TEST 12.5 BOP 3/9/86
 STATUS DRUG FORMATION Red Bed

MUD:
 TIME
 WT.
 FLUID VISC
 PV/YP
 GELS @ 10
 API WT.
 HT WT.
 PH
 OIL %
 SOLIDS %
 SAND %
 CL PPM
 FINE LUM
 VELNOZ 2.17 LF 2A
 ANNOVEL DC 237 DP 31

0500	
8.6	
27	
FW	
8.5	
8.5	
8.5	
10.0	
-	
1.5	
TRC	
3000	
0	

BITS:
 NO.
 SIZE
 MAKE
 TYPE
 JETS
 BIT WT
 RPM
 PMP PRESS
 PMP STKS
 GPM
 HOURS RUN
 FOOTAGE
 DEPTH OUT
 CONDITION
 SER. NO.

2		
7 1/2		
STE		
F-27		
3 X 1/2 (20 HORN)		
10/15		
87		
1150		
60	TAN PUMP DOWN	
224	STAND BY PUMP	
3 1/4		
236		
320935		

SURVEY:

DEPTH	DEV.	DIR.

MATERIAL USAGE:
None

GAS:
 BG
 TRP
 COMM

BOTTOM HOLE ASSEMBLY:
BIT, 24 1/2" DC'S (209.78)

DAILY MUD COST 0
 TOTAL 708
 COSTS:
 DAILY 8978
 TOTAL 63876

FROM	TO	HRS.	OPER CODE	PROD. CODE
0600	0630	1/2	445	
0630	0830	1 1/2	450	
0800	1300	5	465	
1300	1830	5 1/2	470	
1830	1900	1/2	470	
1900	2130	2 1/2	220	
2130	2230	1	470	
2230	2300	1/2		840
2300	3030	1 1/2	470	
0030	0200	1 1/2	485	
0200	0215	1/4	490	
0215	0400	3 3/4	410	

REMARKS

F/RU BS/TIDAN ; RD CASING CROW.
 CONT 8 5/8 SURFACE CSG
 JET COLLAR ; PITS. CUT OFF CONDUCTOR ; 8 5/8". WELD
 ON CSG HEAD.
 ALL BOP ; MANIFOLD. INSTALL KILL LINE ; FIRM UNIT.
 TEST BUND PANS ; VALVES TO MANIFOLD TO 1200 PSI, OK.
 T14 W/RT #2. PL ADDITIONAL 6" DC'S. SHUT DOWN
 FOR HIGH WINDS 6 STKS OUT.
 TESTED PIPE RANG, 4 INCHES, ; MANIFOLD TO 1200 PSI, OK.
 SHUT DOWN FOR HIGH WINDS. WORKED ON TIE PUMP.
 F14 W/RT #2. LD CROSS DP.
 DRID CNT, PUG, F14, 5408, AND 10' OPEN HOLE @ 1969'
 F14 TO 12.5 BROW, OK.
 DRID 1969-2195

PHONE 3K-624-6258 (R16)
UNIT 470

SUPERVISOR N/250

NORRIS OIL CORPORATION
PRIMEY CASING CEMENTING JOB REPORT

WELL NAME BROWN 22-23 DATE 3/4/81

LOCATION S15-T25S-R34W, FINNEY Co, KANSAS

WELL AND HOLE DATA: Depth 1957 Avg. Casing Hole Size 12 9/8" Max. Deviation Angle 1 1/4" @ 1750'
 Last Casing Depth 20' and Size 16" Mud Type FWGSL: NATRE W. 94-96
 Remarks: (Give details of unusual hole conditions - drag, fillup, lost circulation.) NORMAL Drag then
RED BED 1300-1957. NAUSIAN DRAG 670' SURFACE 30 PUS

CASING DATA: Depth Set 1957 Size 8 7/8" Distance Between Shoe and Collar 4342'
 Has mill wash removed through pay sands? SURFACE

Casing Wt.	Wt.	Grade	Conn.	Range	No. Joints	Total Feet Loss Through
<u>VSS</u>	<u>29"</u>	<u>K-55</u>	<u>8" STIC</u>	<u>32-45'</u>	<u>45+1PC</u>	<u>1956</u>

Running speed/joint, last 1/3 string 130'/HR Full circulation while running casing? YES
 If not, describe _____
 Maximum Time Stationary to install head 15 min How long circulated before cementing? 1 HR
 Was pipe worked while circulating? YES Circ. pressure 50 at 210 gpm.
 Indicated weight on up stroke 98,000 on downstroke 44,000 Casing landing weight, less hook block ON BOTTOM

CEMENT DATA:

Cement	Water	Number Stacks	Slurry Weight
<u>15 1/2 SK P2 + 32 Gals</u>	<u>8.8 gal/csk</u>	<u>100</u>	<u>13.1 PP</u>
<u>"H" + 32 Gals</u>	<u>9.3 gal/csk</u>	<u>100</u>	<u>12.8 PP</u>

Col. Cement Top SURF Max pressure before pump 0 at 210 gpm. Preflush type and amount 20 BBLs FW
 Turbulent or plug flow? Plug Cement mix time 70 min Plug pump time 15 min Full circ.? YES
 If not, describe _____
 Cement returns to surface? YES Approx. vol. 95 SLS Recirculated? YES Rotated? NO
 CENTRALIZER AND SCRATCHER DATA: No., Type, and Location 6 CONT: 1 ON SHOE JO, 1 OVER FORTH 39
THERMATEX

GENERAL REMARKS: DISPLACED: BUMPED PLUG W/ 122 BBL @ 8-10 AM. Pumped to 1500 PSI.
RELEASED FLOAT. HOLD OK. Had major problems w/ cementing pump on first truck
WHICH CAUSED SOME FLUCTUATION OF TAIL SLURRY DENSITY. NOTHING MAJOR.

Signed: [Signature]
 Drilling Foreman

Give such information as: When and if circulation was lost, difficulty or loss mixing cement and slurry weights attained, depths where excessive drag occurred, operation of cementing equipment, etc. Write on back of page if necessary. This information is valuable toward improvement of cementing practices.

MOBIL DAILY DRILLING REPORT

WELL Brown #22-23 RIG NRG-2 DAYS FROM SPUD 2 DATE 3/9/86
 AFE 6EM2 COUNTY Finney STATE KANSAS PROP. TD. 5250
 DEPTH 1959' PROGRESS 306 DRILL TIME 24 1/4 BC 12
 CASING 16" @ 70' SHOE TEST — BOP —
 STATUS Running 8 5/8" csg, prep to cement. FORMATION Stone Corral

MUD:
 TIME 0500
 WT. 9.8
 FUN'L VIS 46
 PV/YF 5/8
 GELS_o/10 3/7
 API WL —
 HT WL —
 pH 8.5
 OIL % —
 SOLIDS% 11.0
 SAND % fr.
 CL PPM 1500
 FLT LCM fr.
 VELNOZ 265 I.F. 434
 ANNVEL: DC 78 DP 61

BITS:
 NO. 1
 SIZE 12 1/4
 MAKE Reed
 TYPE Y-11
 JETS 3-13
 BIT WT 45
 RPM 160
 PMP PRESS 1300
 PMP STKS 90
 GPM 321
 HOURS RUN 24 1/4
 FOOTAGE 1934
 DEPTH OUT 1959
 CONDITION 4-3-2
 SER. NO. YM2515

1		
12 1/4		
Reed		
Y-11		
3-13		
45		
160		
1300		
90		
321		
24 1/4		
1934		
1959		
4-3-2		
YM2515		

SURVEYS:		
DEPTH	DEV.	DIR.
1917	1 1/4	

MATERIAL USAGE:

Gel	12
Lime	4
Hulls	0

GAS: — BOTTOM HOLE ASSEMBLY: Same as 3/8/86.
 BG —
 TRP —
 CONN —

DAILY MUD COST	93
TOTAL	708
COSTS:	
DAILY	41,474
TOTAL	55,418

FROM	TO	HRS.	OPER. CODE	PROB. CODE
0600	1245	6 3/4	210	
1245	1415	1 1/2	321	
1415	1700	2 3/4	321	
1700	1730	1/2	794	
1730	1900	1 1/2	930	
1900	2000	1	930	
2000	2130	1 1/2	930	
2130	2200	1/2	794	
2200	2400	2	930	
2400	0230	2 1/2	310	
0230	0330	1	411	
0330	0545	2 1/4	440	
0545	0600	1/4	445	

REMARKS

Drip. 1653-1959'.
C/C mud for logs.
Drop survey, 15 std. short trip, POOH.
R/K Nalox, ran BHC-sonic-GR, could not get past 333'.
TIH to 1959'.
C/C mud for logs.
POH to log.
R/K Nalox, could not get past 333'.
TIH to 333', set down, team to 547', circ, POH.
R/K Nalox, ran BHC-sonic-GR from 1930' to surface.
L/D 7" DC's.
R/K csg. crew, ran 8 5/8" csg.
R/P csg. crew.

PHONE N/A

SUPERVISOR Jeff Nelson

MOBIL DAILY DRILLING REPORT

WELL Brown*22-23 RIG NRG-2 DAYS FROM SPUD 1 DATE 3/8/86
 AFE 6EM2 COUNTY Finnay STATE KANSAS PROP. TD. 5250
 DEPTH 1653 PROGRESS 1653 DRILL TIME 17 1/2 BC 12
 CASING 16" @ 70' SHOE TEST - BOP -
 STATUS Drilling FORMATION Red Beds

MUD:
 TIME 0530
 WT. 9.6
 FUN'L VIS 32
 PV/YF 4/6
 GELS_o/10 2/5
 API WL NO
 HT WL -
 pH 7.5
 OIL % -
 SOLIDS% 9.0
 SAND % tr
 CL PPM 300
 FLT LCM 1
 VELNOZ 265 I.F. 422
 ANNVEL: DC 73 DP 61

BITS:
 NO. 1
 SIZE 12 1/4
 MAKE Reed
 TYPE Y-11
 JETS 3-13
 BIT WT 45
 RPM 160
 PMP PRESS 1200
 PMP STKS 90
 GPM 321
 HOURS RUN 17 1/2
 FOOTAGE 1628
 DEPTH OUT -
 CONDITION -
 SER. NO. YM2515

1		
12 1/4		
Reed		
Y-11		
3-13		
45		
160		
1200		
90		
321		
17 1/2		
1628		
-		
-		
YM2515		

SURVEYS:

DEPTH	DEV.	DIR.
533	1/4	
1106	1/2	

MATERIAL USAGE:
Gal 70
Lime 2
Halls 25

GAS:
 BG
 TRP
 CONN
 BOTTOM HOLE ASSEMBLY: Bit, 5-7", 9-6" DC, 391.1' OA

DAILY MUD COST 615
 TOTAL 615
 COSTS:
 DAILY 13,944
 TOTAL 13,944

FROM	TO	HRS.	OPER. CODE	PROB. CODE
0600	1000	4	141	
1000	1130	1 1/2	930	
1130	1700	5 1/2	210	
1700	1730	1/2	240	
1730	2345	6 1/4	210	
2345	2400	1/4	240	
2400	0530	5 1/2	210	
0530	0545	1/4	781	
0545	0600	1/4	210	

REMARKS

Thaw air lines, Rik floor.
Ream mouse hole, drill fill in conductor to 70'.
Drlg. 70'-574', Spud @ 11:30 hrs. 3/7/86.
Survey @ 533'.
Drlg. 574-1147'.
Survey @ 1106'.
Drlg. 1147-1623'.
Survey misrun.
Drlg. 1623-1653.

PHONE N/A SUPERVISOR Jeff Nelson