

ORIGINAL

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION FORM  
ACO-1 WELL HISTORY  
DESCRIPTION OF WELL AND LEASE

API NO. 15- 189-21,466-00-00  
County STEVENS

NW SE SE Sec. 26 Twp. 33S Rge. 35 East  
36 X West  
1250 Ft. North from Southeast Corner of Section  
1250 Ft. West from Southeast Corner of Section  
(NOTE: Locate well in section plat below.)

Lease Name HEATH "A" Well # 2

Field Name HUGOTON

Producing Formation CHASE

Elevation: Ground 2990 KB 3005

Total Depth 3100 PBSD 3060

Operator: License # 5208

Name: MOBIL OIL CORPORATION

Address 2319 NORTH KANSAS

City/State/Zip LIBERAL, KS 67901

Purchaser: SPOT MARKET

Operator Contact Person: RAE KELLY

Phone (316) 626-1160

Contractor: Name: ZENITH DRILLING CORPORATION

License: 5141

Wellsite Geologist: DONNA TAYLOR

Designate Type of Completion  
 New Well  Re-Entry  Workover

Oil  SWD  Temp. Abd.  
 Gas  Inj  Delayed Comp.  
 Dry  Other (Core, Water Supply, etc.)

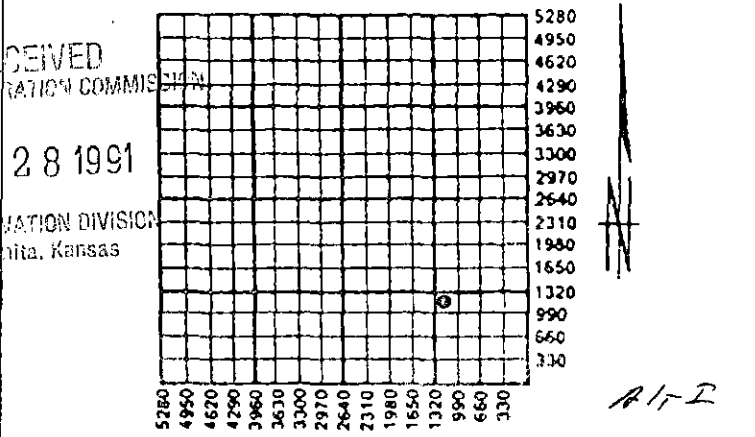
If OWD: old well info as follows:  
Operator:

Well Name:

Comp. Date Old Total Depth

Drilling Method:  
 Mud Rotary  Air Rotary  Cable

11/24/90 11/27/90 2/1/91  
Spud Date Date Reached TD Completion Date



Amount of Surface Pipe Set and Cemented at 730 feet

Multiple Stage Cementing Collar Used? Yes  No

If yes, show depth set NA feet

If Alternate II completion, cement circulated from NA feet depth to NA w/ NA sx cmr.

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 apply. Information on 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 drillers time log 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. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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 R. Kelly  
Title ENGINEERING TECHNICIAN Date 3-27-91

Subscribed and sworn to before me this 27<sup>th</sup> day of March, 1991.

Notary Public Sharon A. Cook

Date Commission Expires October 1, 1994

K.C.C. OFFICE USE ONLY  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Drillers Timelog Received  
  
Distribution  
 KCC  SWD/Rep  NGPA  
 KGS  Plug  Other  
(Specify)



PI

SIDE TWO

Operator Name MOBIL OIL CORPORATION Lease Name HEATH "A" Well # 2  
 Sec. 26 Twp. 33S Rge. 35  East  West  
 County STEVENS

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem 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 during test. Attach extra sheet if more space is needed. Attach copy of log.

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.)

Formation Description		
Name	Top	Bottom
STONE CORRAL	1696	
HERINGTON	2658	
UPPER KRIDER	2686	
LOWER KRIDER	2720	
WINFIELD	2772	
TOWANDA	2832	
FT. RILEY	2881	
WREFORD	2984	
COUNCIL GROVE	3012	

CASING RECORD  New  Used  
 Report all strings set-conductor, surface, intermediate, production, etc.

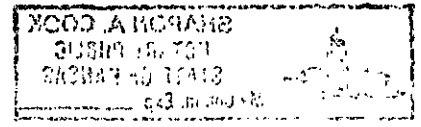
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs./Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
SURFACE CASING	12-1/4"	8-5/8"	24#	730	CL H LITE	235	65:35:6+3%CC
					CL H	155	+ 3% CC
PRODUCING CASING	7-7/8"	5-1/2"	14#	3100	CL H LITE	230	65:35:6
					CL H	230	50:50:2+2%CC

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
2 SPF	2658 - 2677	ACIDIZED: 6000 GAL. 7.5% HCl	
2 SPF	2686 - 2758		2658 -
2 SPF	2772 - 2804	FRAC'D W/68,700 GAL FLUID AND 159,500 LBS SAND	2804 O.A.

TUBING RECORD Size NA Set At NA Packer At NON Liner Run  Yes  No

Date of First Production W/O CONNECTION Producing Method  Flowing  Pumping  Gas Lift  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  Perforation  Dually Completed  Commingled  
 Other (Specify) \_\_\_\_\_ Production Interval 2658 - 2804



# ORIGINAL

## MOSIL OIL CORPORATION DENVER DIVISION PRIMARY CASING CEMENTING JOB REPORT

WELL NAME HEATH #2 LOCATION 26-7-33-R-150 COUNTY STEVENSON STATE KS  
 WELL DEPTH 730 BIT SIZE 12 1/8 AVG. CALIBER HOLE SIZE — MAX. DEVIATION 3/4 MUD TYPE 2-1/2 lime  
 MUD WT. 9.2 VISC 30 PV/PV 375 API GR NO LAST CSG. SIZE, WT., DEPTH 730  
 CASING DATA (list weights/grades in order run)

SIZE	WEIGHT	GRADE	CONN.	NO. JTS.	LENGTH
<u>2 3/8</u>	<u>24</u>	<u>K95</u>	<u>End</u>	<u>18</u>	<u>756.70</u>
—	—	—	—	—	—
—	—	—	—	—	—

SETTING DEPTH: 729 GROSS JOINT LENGTH: 42.48 DV TOOL DEPTH: NO

INSTRUMENT APPROX. LAST 1/3 OTHER 11 WIP RETURN NUMBER 888 TIME TO INITIAL READ 10 min  
 TIME CONC. BEFORE CHECKING 30 CONC. PRESS. 500 at 60 ft.

PICK UP WHICH 25 000 SLACK OFF WEIGHT 0 CASING LANDING WT. LESS HOOR, BLOCK LOAD: —  
 CEMENTING AIDS (No., type, and location of centralizers, spacers, baskets, DV tools, etc.) Texas  
Pattern Guide Spac Insert float float 2 seats  
1. float 2 seats then spacer other at there after

REMARKS (unusual hole conditions - fill, drag, lost circ. etc.) None

### CEMENT DATA

STAGE	Lead/Trail	Class	Additives	Yield	Water Req.	# Bags	Slurry Wt.
<u>1</u>	<u>2.35 in</u>	<u>HS-40</u>	<u>w/ 65/35/6</u>	<u>32 cc</u>	<u>1.82</u>	<u>10</u>	<u>23.5</u>
	<u>1.55 in</u>	<u>H</u>	<u>w/ 32 cc</u>	<u>4.02</u>	<u>4.3</u>	<u>155</u>	<u>16.4</u>

	1ST STAGE	2ND STAGE	3RD STAGE
Cale Cement 30'	<u>SURFACE</u>		
Preflush Type & Amount:	<u>20 BBL H<sub>2</sub>O</u>		
Bottom Plug:	<u>Yes No</u>		
Top Plug:	<u>Yes</u>		
Washed Dr Lines To Displace:	<u>NO</u>		
Type & Amount of Displacement:	<u>H<sub>2</sub>O 45.5</u>		
Flow Regime (turb, laminar, plug)	<u>Plug</u>		
Cement Mix Time	<u>38 min</u>		
Displacement Time	<u>17 min</u>		
Full Circ? (if not, describe below)	<u>Yes</u>		
Was Press Before Plug Began?	<u>250</u>		
Press Plug Began At	<u>750</u>		
Time Plug Down	<u>03:00</u>		
Time Washed Acid, Or Borate	<u>2:00</u>		
Cement Returned To Surf? Volume?	<u>20 BBL</u>		
Floats Held?	<u>Yes</u>		

CEMENTING COMPANY Wooten RATING (1 bad - 10 excellent) 10

REMARKS ON LOST CIRC. WHILE CEMENTING, JOB PERFORMANCE, ETC.: No Problems

RECEIVED  
STATE CORPORATION COMMISSION

MAR 28 1991

DENVER DIVISION  
Kansas



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MSD966

\*\*\* PRISM \*\*\*

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11/25/1990

DAILY DETAILED DRILLING REPORT

ORIGINAL

06:00

Lease: HEATH Well #: A-2 Well ID: 0018524  
 Field: HUGOTON State: KS County: STEVENS  
 API #: 15-189-21466-00 Ppty ID: 2549200 OCS #:  
 Contractor: Rig: ZENITH 7 Water Depth: '  
 AFE Number: 0BNR AFE Amount: 97 M Mobil GWI: 100.00 %  
 Supt: DH SMITH Engineer: KA CARWILE

Date Started: 11/24/1990 Time Started: 17:15  
 Date Ended: 11/25/1990 Time Ended: 06:00 Job Type: Drilling  
 Drlg Days: 1 Est Drlg Days: 3 Progress: 730'  
 Depth: 730' Planned Depth: 3,100' Hole Size: "  
 TV Depth: 730' Hole Angle: 0.00ø Mud Weight: ppg  
 Last Csg: " Set At: ' Shoe Test: ppg

Formation Desc: REDBED  
 Present Operation: WOC

Code	Z	Hrs	OPERATIONS
210	04	6.25	SPUD WELL; DRLD TO 730'
420	04	0.50	CIRC PRIOR TO RNG 8-5/8" CSG
410	04	1.00	TOH; SURVEY
440	04	1.00	RUN 18 JNTS 8-5/8" CSG @ 730'
445	04	0.50	CIRC PRIOR TO CMT'G
450	04	1.00	CMT CSG; PLUG DWN @ 0330 HRS, 11/25/90
455	04	2.50	WOC
Total:		12.75	

===== OPERATION SUMMARY =====

SPUD WELL IN @ 1715 HRS 11/24/90; DRLD TO 730; RAN & CMTD 18 JNTS 8-5/8" CSG @ 730'; WOC.

Next Period: WOC, THEN DRILL AHEAD

===== REMARKS =====

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 CORPORATION COMMISSION

MAR 28 1991

Corporation Division  
 Wichita, Kansas

Daily Man Hours: 72 Total Man Hours : 72 P.O.B: 1/ 0/ 0/ 5 = 6

Personnel: E ALDRIDGE Title: DRLG SUPERVISOR

===== COST =====

DRLG	Dry	Susp	(\$)	Intangible	Tangible	Total	Mud	Trouble
EST:	72	97	Daily:	7479	0	7479	695	0
(M\$)			Cumm:	7479	0	7479	695	0

===== MUD =====

Sample Loc: \_\_\_\_\_ YP: \_\_\_\_\_ % Sand: \_\_\_\_\_ XsLime: \_\_\_\_\_  
 Date: \_\_\_/\_\_\_/\_\_\_ Gels(10s/10m): \_\_\_/\_\_\_ % LGS: \_\_\_\_\_ ES: \_\_\_\_\_  
 Time: \_\_\_\_\_:\_\_\_ API/HTHP: \_\_\_\_\_/\_\_\_\_\_. MBT: \_\_\_\_\_ O/W Ratio: \_\_\_/\_\_\_  
 FL Temp: \_\_\_\_\_ HTHP Temp: \_\_\_\_\_ PH: \_\_\_\_\_ ( ) Circ Vol: \_\_\_\_\_  
 Depth: 99,999 Cake Thickness: \_\_\_\_\_ Pm: \_\_\_\_\_ Vol Hole Drl: \_\_\_\_\_  
 Weight: 99.9 % Solids: \_\_\_\_\_ Pf/Mf: \_\_\_\_\_/\_\_\_\_\_. Cent Hrs: \_\_\_\_\_  
 Fnl Visc: \_\_\_\_\_ % Water: \_\_\_\_\_ Cl-: \_\_\_\_\_ Dilu. Rate: \_\_\_\_\_  
 PV: \_\_\_\_\_ % Oil: \_\_\_\_\_ Ca++: \_\_\_\_\_ LCM Conc: \_\_\_\_\_

Rhe'gy at: ø 600/ 300/ 200/ 100/ 60/ 30/ 6/ 3/

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MSD966

\*\*\* PRISM \*\*\*

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11/25/1990

DAILY DETAILED DRILLING REPORT

ORIGINAL

06:00

===== MUD CHEMICALS =====

===== BIT RECORD =====

Bit/Run	Size	Mfg/ Type	Depth-In	Footage	Rot Hrs	ROP	Grade
/	/	/					

===== HYDRAULICS =====

Pump#	(1)	(2)	(3)	Jet#	(1)	(2)	(3)	(4)
Volume (BPS)				Jet Size:				
SPM				TFA:				
				Jet Vel:				
				Hole ID:				
Total SPM:				AV's DC:	DP:			
Total GPM:				Bit Drop:	( % of SPP)			
Surf Pmp Press:				Bit IF/Bit HHP:	/			

===== SURVEYS =====

MD	Angle	Azimuth	TVD	Vert Sect	N+/S-	E+/W-	DLSø/100'
0.00	0.00	0.00	0.00	0.00	0.00	0.00	TIE PT

===== WELL CONTROL =====

Pump #	(1)	(2)	(3)	Burst (70%):	Background Gas:
SPR				Shoe Test:	Connection Gas:
PSI				Kick Tolerance:	Trip Gas :
MW:				Pore Pressure:	BOP Test Date :
MASP:				ECD: at 730'	With Bit at : '

BOP Test Comments:

===== DRILLSTRING =====

Section	OD	ID	Grade	Wt/Ft	Connection	Length
					/	

Weights		Torques		Cumulative Time On	
WOB: 30 M	Pick-Up :	M	On-TD :	BHA :	
RPM: 120	Slack-off :	M	Off-TD :	Shock Sub:	
	Off-TD Rotating:	M		Jars :	

===== BHA =====

Overall Length: Overall Weight: M

BHA Description:

===== CASING =====

String	OD	ID	Grade	Wt/Ft	Connection	Top / Btm
					/	

DF:	DC :	DD:	SW:	CL-RES:	DW:

Report Generated On: 03/26/91 @ 08:39 End of Report.....

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STATE COMPTON COMMISSION  
MAR 28 1991  
COMPTON DIVISION  
Wichita, Kansas

ORIGINAL

MSD966  
11/26/1990

\*\*\* PRISM \*\*\*  
DAILY DETAILED DRILLING REPORT

Page 1  
06:00

Lease: HEATH Well #: A-2 Well ID: 0018524  
Field: HUGOTON State: KS County: STEVENS  
API #: 15-189-21466-00 Ppty ID: 2549200 OCS #:  
Contractor: Rig: ZENITH 7 Water Depth:  
AFE Number: OBNR AFE Amount: 97 M Mobil GWI: 100.00 %

Date Started: 11/25/1990 Time Started: 06:00  
Date Ended: 11/26/1990 Time Ended: 06:00 Job Type: Drilling  
Drlg Days: 2 Est Drlg Days: 12 Progress: 1,710'  
Depth: 2,440' Planned Depth: 3,100' Hole Size: 12.250"  
TV Depth: 2,440' Hole Angle: 0.00ø Mud Weight: ppg  
Last Csg: " Set At: " Shoe Test: ppg

Formation Desc: BASE STONE CORRAL  
Present Operation: TOH W/SLM

Code Z Hrs OPERATIONS

470	04	6.00	CUT OFF, NU & TIH
475	04	1.00	DRLG CMT & INSERT FLOAT
470	04	0.50	TEST BOP - OK
475	04	0.50	DRLG CMT
210	04	12.00	DRLD FR/730-2420'
235	04	0.75	CLEAN PITS & DISPLACE HOLE
210	04	0.25	DRLD FR/2420-2430'
874	04	0.75	REPAIR FLOW LINE
210	04	0.25	DRLD FR/2430-2440'
220	04	2.00	DROP SURVEY, TOH W/SLM
Total:		24.00	

===== OPERATION SUMMARY =====  
NU BOP; DRLD CMT & INSERT FLOAT; DRLD HOLE FR/730-2440'; RIG REPAIR; DROP SURVEY, TOH W/SLM.

Next Period: TOH, DRLG AHEAD

===== REMARKS =====

Daily Man Hours: 72 Total Man Hours : 144 P.O.B: 1/ 0/ 0/ 5 = 6

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STATE CORPORATION COMMISSION

Personnel: E ALDRIDGE Title: DRLG SUPERVISOR

MAR 28 1991

===== COST =====

DRLG	Dry	Susp	(\$)	Intangible	Tangible	Total	Mud	Trouble
EST:	72	97	Daily:	11304	0	11304	1410	0
(M\$)			Cumm:	18783	0	18783	2105	0

OPERATION DIVISION  
Wichita, Kansas

===== MUD =====

Time: MD: Ph: ( ) Circ Vol:  
MW: MBT: Pf/Mf: / % Sand:  
Vis: % Solids: Pm: % Water:  
PV: % LGS: Xslime: % Oil:  
YP: API/HTHP: / Ca++: O/W Ratio:  
Gels: / HTHP Temp: Cl-: Vol Hole Drl: 249  
FL Temp: Cake Th: ES: Sample Location:  
Hrs on Cent: Dilu. Rate: LCM:





Lease: HEATH Well #: A-2 Well ID: 0018524  
 Field: HUGOTON State: KS County: STEVENS  
 API #: 15-189-21466-00 Ppty ID: 2549200 OCS #:  
 Contractor: Rig: ZENITH 7 Water Depth: '  
 AFE Number: 0BNR AFE Amount: 97 M Mobil GWI: 100.00 %  
 Supt: DH SMITH Engineer: KA CARWILE

Date Started: 11/26/1990 Time Started: 06:00  
 Date Ended: 11/27/1990 Time Ended: 06:00 Job Type: Drilling  
 Drlg Days: 3 Est Drlg Days: 3 Progress: 660'  
 Depth: 3,100' Planned Depth: 3,100' Hole Size: 12.250"  
 TV Depth: 3,100' Hole Angle: 0.00ø Mud Weight: ppg  
 Last Csg: " Set At: ' Shoe Test: ppg

Formation Desc: COUNCIL GROVE  
 Present Operation: TRIP OUT OF HOLE TO LOG

Code	Z	Hrs	OPERATIONS
220	04	0.75	TIH
210	04	19.50	DRLG FR/2440-3100'
321	04	1.00	CIRC PRIOR TO LOG
321	04	2.75	DROP SURVEY, TOH
Total:		24.00	

=====  
 OPERATION SUMMARY  
 DRLD FR/2440-3100'; CIRC; DROP SURVEY; TOH TO LOG  
 Next Period: LOGGING

=====  
 REMARKS  
 =====

-----  
 Daily Man Hours: 72 Total Man Hours : 216 P.O.B: 1/ 0/ 0/ 6 = 7

Personnel: E ALDRIDGE Title: DRLG SUPERVISOR

=====  
 COST  
 =====

DRLG	Dry	Susp	(\$)	Intangible	Tangible	Total	Mud	Trouble
EST:	72	97	Daily:	28733	0	28733	395	0
(M\$)			Cumm:	47516	0	47516	2500	0

=====  
 MUD  
 =====

Sample Loc: \_\_\_\_\_ YP: \_\_\_\_\_ % Sand: \_\_\_\_\_ XsLime: \_\_\_\_\_  
 Date: \_\_\_/\_\_\_/\_\_\_ Gels (10s/10m): \_\_\_/\_\_\_ % LGS: \_\_\_\_\_ ES: \_\_\_\_\_  
 Time: \_\_\_:\_\_\_ API/HTHP: \_\_\_./\_\_\_ MBT: \_\_\_\_\_ O/W Ratio \_\_\_\_\_

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 STATE COOPERATION COMMISSION

MAR 28 1991

DIVISION  
 Kansas

Lease: HEATH Well #: A-2 Well ID: 0018524  
 Field: HUGOTON State: KS County: STEVENS  
 API #: 15-189-21466-00 Ppty ID: 2549200 OCS #:  
 Contractor: Rig: ZENITH 7 Water Depth: '  
 AFE Number: 0BNR AFE Amount: 97 M Mobil GWI: 100.00 %  
 Supt: DH SMITH Engineer: KA CARWILE

Date Started: 11/27/1990 Time Started: 06:00 Job Type: Drilling  
 Date Ended: 11/28/1990 Time Ended: 06:00 Progress: 0'  
 Drlg Days: 4 Est Drlg Days: 3 Hole Size: 12.250"  
 Depth: 3,100' Planned Depth: 3,100' Mud Weight: ppg  
 TV Depth: 3,100' Hole Angle: 0.000 Shoe Test: ppg  
 Last Csg: " Set At: ' "

Formation Desc: COUNCIL GROVE  
 Present Operation: RELEASED RIG

Code	Z	Hrs	OPERATIONS
320	04	0.25	FIN TOH TO LOG
310	04	5.75	FM LOGGING
320	04	2.50	TIH
221	04	1.00	CIRC
411	04	2.50	LD DP & DC
430	04	1.75	RU CASERS, RUN 70 JNTS 5-1/2" CSG TO 3100'
445	04	0.50	CIRC
450	04	1.00	CMT CSG
143	04	1.75	SET SLIPS, RELEASE RIG
Total:		17.00	

===== OPERATION SUMMARY =====

LOGGED WELL; RAN & CMTD 70 JNTS 5-1/2" CSG @ 3100'; SET SLIPS; RELEASED RIG.  
 Next Period:

===== REMARKS =====

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 STATE CORPORATION COMMISSION

Daily Man Hours: 72 Total Man Hours : 288 P.O.B: 1/ 0/ 0/ 6 = 7 MAR 28 1991

Personnel: E ALDRIDGE Title: DRLG SUPERVISOR

CONSERVATION DIVISION  
 Topeka, Kansas

===== COST =====

DRLG	Dry	Susp	( \$ )	Intangible	Tangible	Total	Mud	Trouble
EST:	72	97	Daily:	18224	40324	58548	0	0
(M\$)			Cumm:	65740	40324	106064	2500	0

===== MUD =====

Sample Loc: YP: % Sand: XsLime:  
 Date: Gels(10s/10m): % LGS: ES:  
 Time: API/HTHP: MBT: O/W Ratio:  
 FL Temp: HTHP Temp: PH: Circ Vol:  
 Depth: 99,999 Cake Thickness: Pm: Vol Hole Drl: 0  
 Weight: 99.9 % Solids: Pf/Mf: Cent Hrs:  
 Fnl Visc: % Water: Cl-: Dilu. Rate:  
 PV: % Oil: Ca++: LCM Conc:

ORIGINAL

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\*\*\* PRISM \*\*\*

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11/28/1990

DAILY DETAILED DRILLING REPORT

06:00

Rhe'gy at: ø 600/ 300/ 200/ 100/ 60/ 30/ 6/ 3/
===== MUD CHEMICALS =====

===== BIT RECORD =====

Bit/Run Size Mfg/ Type Depth-In Footage Rot Hrs ROP Grade
0/ 0 12.250 SEC/S33F

===== HYDRAULICS =====

Pump# (1) (2) (3) Jet# (1) (2) (3) (4)
Volume (BPS) Jet Size: 14 14 14
SPM TFA: 0.4510
Jet Vel:
Hole ID: 12.250
Total SPM: AV's DC: DP:
Total GPM: Bit Drop: ( % of SPP)
Surf Pmp Press: Bit IF/Bit HHP: /

===== SURVEYS =====

MD Angle Azimuth TVD Vert Sect N+/S- E+/W- DLSø/100'
0.00 0.00 0.00 0.00 0.00 0.00 0.00 TIE PT

===== WELL CONTROL =====

Pump # (1) (2) (3) Burst (70%): Background Gas:
SPR Shoe Test: Connection Gas:
PSI Kick Tolerance: Trip Gas :
MW: Pore Pressure: BOP Test Date :
MASP: ECD: at 3,100' With Bit at : '
BOP Test Comments:

===== DRILLSTRING =====

Section OD ID Grade Wt/Ft Connection Length
/

----- Weights ----- -- Torques -- Cumulative Time On
WOB: M Pick-Up : M On-TD : BHA :
RPM: Slack-off : M Off-TD: Shock Sub:
Off-TD Rotating: M Jars :

===== BHA =====

Overall Length: Overall Weight: M
BHA Description:

===== CASING =====

String OD ID Grade Wt/Ft Connection Top / Btm
/

DF: DC : DD: SW: CL-RES: DW:

Report Generated On: 03/26/91 @ 09:01 End of Report.....

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STATE CORRELATION COMMISSION
MAR 28 1991
CONSERVATION DIVISION
Wichita, Kansas























