

# ORIGINAL

SIDE ONE

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

Operator: License # 5208

Name: Mobil Oil Corporation

Address 2319 N. Kansas

City/State/Zip Liberal, KS 67901

Purchaser: Spot Market

Operator Contact Person: Rae Kelly

Phone (316) 626-1160

Contractor: Name: Bruce Well Service EXETER

License: 1169

Wellsite Geologist: R.C. Stever

Designate Type of Completion

New Well  Re-Entry  Workover

Oil  SWD  Temp. Abd.

Gas  Inj  Delayed Comp.

Dry  Other (Core, Water Supply, etc.)

If **OWNO**: old well info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

Drilling Method:

Mud Rotary  Air Rotary  Cable

2/04/91 2/07/91 Delayed Comp.

Spud Date Date Reached TD Completion Date

API NO. 15- 189-21,479-6000

County Stevens

SE NW SW Sec. 15 Twp. 31S Rge. 35  East West

1456 Ft. North from Southeast Corner of Section

4000 Ft. West from Southeast Corner of Section

(NOTE: Locate well in section plat below.)

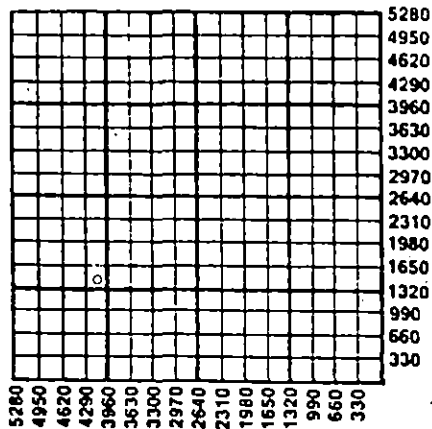
Lease Name E.L. Gaskill Unit Well # 4

Field Name Hugoton

Producing Formation Chase

Elevation: Ground 3002 KB 3013

Total Depth 2990 PBDT 2765



Amount of Surface Pipe Set and Cemented at 619 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set N/A Feet

If Alternate II completion, cement circulated from N/A

feet depth to N/A w/ N/A sx cmt.

**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 \_\_\_\_\_

Subscribed and sworn to before me this 11th day of June, 19 91.

Notary Public Esther M. Niemann

Date Commission Expires 10-1-94



**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)

**SIDE TWO**

Operator Name Mobil Oil Corporation Lease Name E.L. Gaskill Unit Well # 4

Sec. 15 Twp. 31S 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 (Attach Additional Sheets.) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Electric Log Run (Submit Copy.) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="text-align: left;">Name</th> <th style="text-align: left;">Top</th> <th style="text-align: left;">Bottom</th> </tr> <tr> <td>Blaine</td> <td>1195</td> <td>1255</td> </tr> <tr> <td>Glorietta</td> <td>1325</td> <td>1526</td> </tr> <tr> <td>Stone Corral</td> <td>1815</td> <td>1880</td> </tr> <tr> <td>Wellington</td> <td>2328</td> <td>2674</td> </tr> <tr> <td>Chase</td> <td>2674</td> <td>----</td> </tr> </table>	Name	Top	Bottom	Blaine	1195	1255	Glorietta	1325	1526	Stone Corral	1815	1880	Wellington	2328	2674	Chase	2674	----	<p style="text-align: center;"><b>Formation Description</b></p> <p><input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample</p>
Name	Top	Bottom																		
Blaine	1195	1255																		
Glorietta	1325	1526																		
Stone Corral	1815	1880																		
Wellington	2328	2674																		
Chase	2674	----																		

**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#	611'	CL C Lite	200	65:35:6+3%CC
					CL C	175	+2%CC
Production	7 7/8"	5 1/2"	14#	2983'	CL H Lite	280	65:35:6
					CL H	180	50:50:2+2%CC

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth
3 SPF	2739-2755, 2729-2739, 2703-2710 2674-2685	Acidized w/3200 gal. HCL 2674-2765  Frac'd w/ 50,000 gas fluid and 200,000 lbs. sand.

**TUBING RECORD** Size N/A Set At N/A Packer At None Liner Run  Yes  No

Date of First Production \_\_\_\_\_ Producing Method  Flowing  Pumping  Gas Lift  Other (Explain) \_\_\_\_\_  
 Delayed Completion \_\_\_\_\_

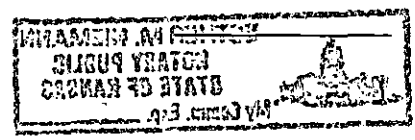
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity

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 \_\_\_\_\_



# ORIGINAL

MORIL OIL CORPORATION DENVER DIVISION  
PRIMARY CASING CEMENTING JOB REPORT

WELL NAME EL LASKI 22 #3 LOCATION S 15-315 35' COUNTY Stallons STATE KS  
 WELL DEPTH 612 BIT SIZE 12 1/4 AVG. CALIFER HOLE SIZE \_\_\_\_\_ MAX. DEVIATION 1/2 MUD TYPE LS Wd  
 HOB NO. 9 VIS 9 PV/YP 1 API WL NC LAST CSG. SIZE, WT., DEPTH \_\_\_\_\_

CASING DATA (list weights/grades in order run)

SIZE	WEIGHT	GRADE	CONN.	NO. JTS.	LEN
<u>2 7/8</u>	<u>24</u>	<u>KS5</u>	<u>STC</u>	<u>15</u>	<u>6</u>
---	---	---	---	---	---
---	---	---	---	---	---

SETTING DEPTH: 611 SHOE JOINT LENGTH: 38.38 TOTAL DV TOOL DEPTH: \_\_\_\_\_

RUNNING SPEED/JT., LAST 1/3 STRING 42.5 FULL RETURNS RUNNING CSG? Yes TIME TO INSTALL HEAD 1 min  
 TIME CIRC. BEFORE CEMENTING 45 min CIRC. PRESS. 100 at 6.2 SF

PICK UP WEIGHT 40,000 SLACK OFF WEIGHT 30,000 CASING LANDING WT. LESS HOOK, BLOCK LOAD: 30,000  
 CEMENTING AIDS (No., type, and location of centralizers, scratchers, baskets, DV tools, etc.)  
Texas Portland Cement, Dissect float 7 Cement, And Per Progressors

REMARKS (unusual hole conditions - fill, drag, lost circ. etc.) Wash 20 ft to 570

**CEMENT DATA:**

Stage #	Lead/Tail	Class	Additives	Yield	Water Req.	Sacks	Slurry
<u>1</u>	<u>Lead</u>	<u>CLH</u>	<u>35/65 - 6 + 3% C.C.</u>	<u>199</u>	<u>10.97</u>	<u>200</u>	<u>12</u>
<u>2</u>	<u>Tail</u>	<u>C</u>	<u>+ 2% C.C.</u>	<u>133</u>	<u>6.32</u>	<u>125</u>	<u>14</u>

	1ST STAGE	2ND STAGE	3RD STAGE
Calc Cement Tot	<u>Surface</u>		
Preflush Type & Amount	<u>20 H 2.5</u>		
Bottom Plug			
Top Plug	<u>405</u>		
Washed Up Lines To Displace	<u>NO</u>		
Type & Amount Of Displacement	<u>420, 36 1/2 PBL</u>		
Flow Regime (turb, laminar, plug)	<u>plug</u>		
Cement Mix Time	<u>18 min</u>		
Displacement Time	<u>14 min</u>		
Full Circ? (if not, describe below)	<u>200 yds</u>		
Max Press Before Plug Bumped	<u>700</u>		
Press Plug Bumped At	<u>750</u>		
Time Plug Down	<u>10:12 AM</u>		
Pipe Worked Resp. Or Rotate	<u>Roll</u>		
Cement Returns To Surf? Volume?	<u>200 PBL</u>		
Floats Held?	<u>NO</u>		

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JUN 12 1991  
CONSERVATION-DIVISION  
Wichita, Kansas

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

\* REMARKS ON LOST CIRC. WHILE CEMENTING, JOB PERFORMANCE, ETC.: Good Job

James Adkins DRILLING SUPERVISOR DATE 06-15-91

MERIT OIL CORPORATION DEWEE DIVISION

ORIGINAL  
CEMENTING JOB REP

WELL NAME EL HASKILL LOCATION 15-31S 87W COUNTY ST. VEAS STATE KY  
 WELL DEPTH 2992 BIT SIZE 7 7/8 AVG. CALIPER HOLE SIZE - MAX. DEVIATION 13 MUD TYPE (SWD)  
 MUD WT. 89 VIS 25 PV/VP 5/119 API WL 22.4 LAST CSG: SIZE, WT., DEPTH 8 7/8, 24', 613  
 CASING DATA (list weights/grades in order run)

SIZE	WEIGHT	GRADE	CONN.	NO. JTS.	LENGT
<u>8 7/8</u>	<u>24</u>	<u>K55</u>	<u>Stc</u>	<u>15</u>	<u>613.35</u>
<u>5 1/2</u>	<u>14</u>	<u>K55</u>	<u>Stc</u>	<u>71</u>	<u>3020.49</u>

SETTING DEPTH: 2992 2983 TOTAL SHOE JOINT LENGTH: 37.98 DV TOOL DEPTH: -  
 RUNNING SPEED/JT., LAST 1/3 STRING 405 FULL RETURNS RUNNING CSG? Yes TIME TO INSTALL HEAD 15 min  
 TIME CIRC. BEFORE CEMENTING 30 CIRC. PRESS. 100 at 60 EPS.

PICK UP WEIGHT 4000 SLACK OFF WEIGHT 2600 CASING LANDING WT. LESS HOOK, BLOCK LOAD: 3000  
 CEMENTING AIDS (No., type, and location of centralizers, sizers, baskets, DV tools, etc.)  
Slide Sham 10/80 + Float, 19 Rental, First 2 JTS  
Every 3 JTS Thereafter

REMARKS (unusual hole conditions - fill, logs, lost circ. etc.) Nil

CEMENT DATA:

Stage	Lead/Tail	Class	Additive	Yield	Water Req.	# Bags	Slurry Wt
<u>1</u>	<u>Lead</u>	<u>H4 Hs</u>	<u>-</u>	<u>1.94</u>	<u>9.9</u>	<u>280</u>	<u>12.7</u>
<u>2</u>	<u>Tail</u>	<u>Heavy</u>	<u>85, Ca, 22, 22, 50/100</u>	<u>1.26</u>	<u>5.75</u>	<u>180</u>	<u>11.2</u>

	1ST STAGE	2ND STAGE	3RD STAGE
Cals Cement: Tot	<u>515 100 Bbls</u>		
Preflush Type & Amount	<u>20 BBL H 20</u>		
Bottom Plug:	<u>400</u>		
Top Plug:	<u>400</u>		
Washed Up Lines To Displace:	<u>400</u>		
Type & Amount of Displacement	<u>20 BBL H 20</u>		
Flow Reg. (Burd. laminar plug)	<u>400</u>		
Cement Mix Time	<u>25 min</u>		
Displacement Time	<u>20 min</u>		
Full Circ? (if not, describe below)	<u>Yes</u>		
Max Press Before Plug Bumped	<u>800</u>		
Press Plug Bumped At	<u>1200</u>		
Time Plug Down	<u>1310</u>		
Pipe Working Resist. Or Rotata	<u>Resist</u>		
Cement Returns In Surf? Volume?	<u>Nil</u>		
Floats Held?	<u>400</u>		

CEMENTING COMPANY Halliburton RAZING (1 bag = 10 Gallons) 9

\* REMARKS ON LOST CIRC. WHILE CEMENTING, JOB PERFORMANCE, ETC.: Good Job

James D. D.  
 DATE 2-10-91

MSD965  
02/05/1991

\*\*\* PRISM \*\*\*  
DAILY SUMMARY DRILLING REPORT

ORIGINAL  
Page 1  
06:00

Lease: E.L. GASKILL UNIT  
Field: HUGOTON  
API #: 15-189-21479-00  
Contractor: EXETER  
AFE Number: 1APC

Well #: 4  
State: KS  
Ppty ID: 1336700  
Rig: 5  
AFE Amount: 63 M

Well ID: 0025268  
County: STEVENS  
OCS #:  
Water Depth: '  
Mobil GWI: 100.000%

Date Started: 02/04/1991  
Date Ended: 02/05/1991  
Drlg Days: 1  
Depth: 613'  
TV Depth: 613'  
Last Csg: 8.625"  
Daily Cost: 11 M  
Supt: DH SMITH

Time Started: 22:30  
Time Ended: 06:00  
Est Drlg Days:  
Planned Depth: 2,990'  
Hole Angle: 0.00ø  
Set At: 613'  
Cumm Cost: 11 M  
Engineer: KA CARWILE

Job Type: Drilling  
Progress: 613'  
Hole Size: "  
Mud Weight: ppg  
Shoe Test: ppg  
Pln Drlg Cst: M

==== Daily Summary =====

SPUD WELL AT 2230 HRS 2/4/91; DRILLED TO 613'; SWAB IN PUMP

Validated: ( M )

==== Present Operation =====

DRILLING AHEAD

==== Next Operation =====

DRILLING AHEAD

==== Operation Narrative =====

SPUD WELL; DRILLING  
SWAB IN PUMP  
DRILLING

==== Personnel =====

Name	Title

Report Generated On: 06/10/91 @ 12:46

End of Report.....

\*\*\*\*\*

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JUN 12 1991

CONSERVATION DIVISION  
Wichita, Kansas

Lease: E.L. GASKILL UNIT	Well #: 4	Well ID: 0025268
Field: HUGOTON	State: KS	County: STEVENS
API #: 15-189-21479-00	Ppty ID: 1336700	OCS #:
Contractor: EXETER	Rig: 5	Water Depth: '
AFE Number: 1APC	AFE Amount: 63 M	Mobil GWI: 100.000%

Date Started: 02/05/1991	Time Started: 06:00	Job Type: Drilling
Date Ended: 02/06/1991	Time Ended: 06:00	Progress: 643'
Drlg Days: 2	Est Drlg Days:	Hole Size: 7.625"
Depth: 1,256'	Planned Depth: 2,990'	Mud Weight: ppg
TV Depth: 1,256'	Hole Angle: 0.00ø	Shoe Test: ppg
Last Csg: 8.625"	Set At: 613'	Pln Drlg Cst: M
Daily Cost: 18 M	Cumm Cost: 29 M	Engineer: KA CARWILE
Supt: DH SMITH		

==== Daily Summary =====

CIRC PRIOR TO RUNNING CSG; TOH; RUN 8-5/8" CSG; SET AT 811'; CEMENT SAME  
 ;DRILLING

Validated: ( N )

==== Present Operation =====

DRILLING AHEAD

==== Next Operation =====

DRILLING AHEAD

==== Operation Narrative =====

CIRC PRIOR TO RUNNING CASING  
 TOH  
 RUN 15 JTS 8-5/8" 24# K-55 ST&C CSG; SET AT 611'  
 RU HALLIBURTON & CIRC  
 CEMENT 8-5/8" CASING PER PROGRAM; PLUG DID NOT HOLD  
 WOC  
 CUT OFF & WELD ON HEAD; NU BOP  
 TIN  
 REDRILL MOUSE HOLE  
 TEST BOP 1500#; HELD OK  
 DRILLING PLUG & CEMENT  
 DRILLING NEW HOLE FROM 613' TO 712'  
 DRILLING  
 RIG SERVICE  
 DRILLING AHEAD

==== Personnel =====

Name	Title
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=====  
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 =====

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 CONSERVATION DIVISION  
 Wichita, Kansas

Lease: E.L. GASKILL UNIT Well #: 4 Well ID: 0025268  
 Field: KUGOTON State: KS County: STEVENS  
 API #: 15-189-21479-00 Ppty ID: 1336700 OCS #:  
 Contractor: EXETER Rig: 5 Water Depth: '  
 AFE Number: 1APC AFE Amount: 63 M Mobil GWI: 100.000%

Date Started: 02/06/1991 Time Started: 06:00 Job Type: Drilling  
 Date Ended: 02/07/1991 Time Ended: 06:00 Progress: 1,364'  
 Drlg Days: 3 Est Drlg Days: Planned Depth: 2,990' Hole Size: 7.625"  
 Depth: 2,620' Hole Angle: 0.000 Mud Weight: ppg  
 TV Depth: 2,620' Set At: 613' Shoe Test: ppg  
 Last Csg: 8.625" Cumm Cost: 50 M Pln Drlg Cst: M  
 Daily Cost: 14 M Engineer: KA CARWILE  
 Supt: DH SMITH

==== Daily Summary =====

TRIP FOR BIT; DRILLED TO 2620'; SERVICE RIG; REPAIR FLOW LINE; SURVEYED

Validated: ( N )

==== Present Operation =====

DRILLING

==== Next Operation =====

DRILLING AHEAD

==== Operation Narrative =====

TRIP FOR BIT  
 DRILLING  
 RIG SERVICE  
 DRILLING  
 DRILLING  
 RIG SERVICE  
 DRILLING  
 REPAIR FLOW LINE  
 DRILLING  
 DRILLING  
 RIG SERVICE  
 DRILLING  
 SURVEY  
 TRIP FOR BIT  
 DRILLING

==== Personnel =====

Name	Title
------	-------

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 JUN 12 1991  
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 Wichita, Kansas

Lease: E.L. GASKILL UNIT Well #: 4 Well ID: 0025268  
 Field: HUGOTON State: KS County: STEVENS  
 API #: 15-189-21479-00 Ppty ID: 1336700 OCS #:  
 Contractor: EXETER Rig: 5 Water Depth: '  
 AFE Number: 1APC AFE Amount: 63 M Mobil GWI: 100.000%

Date Started: 02/07/1991 Time Started: 06:00  
 Date Ended: 02/08/1991 Time Ended: 06:00 Job Type: Drilling  
 Drlg Days: 4 Est Drlg Days: Progress: 370'  
 Depth: 2,990' Planned Depth: 2,990' Hole Size: 7.625"  
 TV Depth: 2,990' Hole Angle: 0.00° Mud Weight: ppg  
 Last Csg: 5.500" Set At: 2,989' Shoe Test: ppg  
 Daily Cost: 10 M Cumm Cost: 68 M Pln Drlg Cst: M  
 Supt: DH SMITH Engineer: KA CARWILE

===== Daily Summary =====

DRILLED TO 2990'; SERVICE RIG; CIRC PRIOR TO LOGGING; RU TO LOG; LOG STOPPED AT 1156'; TIH TO WASHOUT BRIDGE; RU LOGGERS; LOG WELL TO 2889'; TOH

Validated: ( N )

===== Present Operation =====

toh

===== Next Operation =====

TIH

===== Operation Narrative =====

drilling  
 SERVICE RIG  
 DRILLING  
 DRILLING  
 SERVICE RIG  
 DRILLING  
 CIRC PRIOR TO LOG  
 TOTCO & TOH (SLM)  
 RU SCHLUMBERGER TO LOG; LOG STOPPED AT 1156'  
 TIH TO WASHOUT BRIDGE  
 TIH TO WASHOUT BRIDGE; TOH  
 RU LOGGERS  
 LOG WELL TO 2889'  
 DAYWORK LOGGING  
 TOH

===== Personnel =====

Name	Title
------	-------

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 JUN 12 1991  
 CONSERVATION DIVISION  
 Wichita, Kansas



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MSD965  
02/09/1991

\*\*\* PRISM \*\*\*  
DAILY SUMMARY DRILLING REPORT

Page 1  
16:15  
**ORIGINAL**

Lease: E.L. GASKILL UNIT  
Field: HUGOTON  
API #: 15-189-21479-00  
Contractor: EXETER  
AFE Number: 1APC

Well #: 4  
State: KS  
Ppty ID: 1336700  
Rig: 5  
AFE Amount: 63 M

Well ID: 0025268  
County: STEVENS  
OCS #:  
Water Depth: '  
Mobil GWI: 100.000%

Date Started: 02/08/1991  
Date Ended: 02/09/1991  
Drlg Days: 5  
Depth: 2,990'  
TV Depth: 2,990'  
Last Csg: 5.500"  
Daily Cost: 31 M  
Supt: DH SMITH

Time Started: 06:00  
Time Ended: 16:15  
Job Type: Drilling  
Progress: '  
Planned Depth: 2,990'  
Hole Size: 7.625"  
Hole Angle: 0.00°  
Mud Weight: ppg  
Set At: 2,989'  
Shoe Test: ppg  
Cumm Cost: 92 M  
Pln Drlg Cst: M  
Engineer: KA CARWILE

=====  
Daily Summary  
=====

TIH;CIRC;RUN 5-1/2" CSG; CEMENT SAME; RELEASED RIG AT 1615 HRS 2/8/91

Validated: ( N )

=====  
Present Operation  
=====

RIG RELEASED

=====  
Next Operation  
=====

=====  
Operation Narrative  
=====

TIH  
CIRC  
LD DP & DC  
RU CASING CREW  
RUN 71 JTS 5-1/2" CSG; SET AT 2983'  
CIRC  
CEMENT 5-1/2" CSG  
SET PITS; SET SLIPS; ND; CUT OFF; RELEASED RIG

=====  
Personnel  
=====

Name	Title

Report Generated On: 06/10/91 @ 12:46      End of Report.....

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