

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

5. Lease Designation and Serial No.

ML-27138

6. If Indian, Allottee or Tribe Name

N/A

7. Unit Agreement Name

Hatch Canyon Unit

8. Farm or Lease Name

State

9. Well No.

#34-16 B

10. Field and Pool, or Wildcat

Wildcat

11. Sec., T., R., M., or Blk. and Survey or Area

Sec. 16, T31S, R15E

12. County or Parrish 13. State

Garfield, Utah

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

DRILL

DEEPEN

PLUG BACK

b. Type of Well

Oil Well

Gas Well

Other

Single Zone

Multiple Zone

2. Name of Operator

William C. Kirkwood

3. Address of Operator

P.O. Box 3439, Casper, WY 82602

4. Location of Well (Report location clearly and in accordance with any State requirements.\*)

At surface

646' FSL & 1789' FEL (SWSE)

At proposed prod. zone

14. Distance in miles and direction from nearest town or post office\*

Approximately 50 miles East of Hanksville, Utah

15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. line, if any)

646'

16. No. of acres in lease

640

17. No. of acres assigned to this well

40

18. Distance from proposed location\* to nearest well, drilling, completed, or applied for, on this lease, ft.

19. Proposed depth

800'

20. Rotary or cable tools

Rotary

21. Elevations (Show whether DF, RT, GR, etc.)

5058' GR

22. Approx. date work will start\*

June 15, 1981

23.

PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
8 1/2"	6 5/8"	24#, K-55, 8 Rd.	20'	10 sacks cement Class "G"
5 5/8"	4 1/2"	9.5#, K-55, 8 Rd.	800'	50 sacks cement Class "G"

1. Drill 8 1/2" hole and set 6 5/8" surface casing to 20' with good returns.
2. Log B.O.P. checks in daily drill reports and drill 5 5/8" hole to 800'
3. Run tests if warranted and run 4 - 12" casing if productive.
4. Run logs, as needed, and perforate and stimulate as needed.

EXHIBITS ATTACHED

- "A" Location & Elevation Plat
- "B" Engineering Program



NOTE:

This well will be drilled as part of a five spot well pattern for possible use in in situ recovery of Tar Sand.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

Signed Wm. Claudeventer Title Engineer Date May 7, 1981

(This space for Federal or State office use)

Permit No. 43-017-30107 Approval Date

Approved by \_\_\_\_\_ Title \_\_\_\_\_

Conditions of approval, if any:

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING

DATE: 5-29-81

BY: W. J. Mander



EXHIBIT "B"

ENGINEERING PROGRAM

William C. Kirkwood  
#34-16 B State  
Sec. 16, T31S, R15E  
646' FSL & 1789' FEL  
Garfield County, Utah

1. The Geologic Surface Formation

The surface formation is the Chinle.

2. Estimated Tops of Important Geologic Markers

White Rim 280'  
Organ Rock 760'

Total Depth 800'

3. Estimated Depths of Anticipated Water, Oil, Gas or Minerals

No water zones are anticipated

White Rim 280' Oil

4. The Proposed Casing Program

<u>HOLE SIZE</u>	<u>INTERVAL</u>	<u>SECTION LENGTH</u>	<u>SIZE (OD)</u>	<u>WEIGHT, GRADE &amp; JOINT</u>	<u>NEW OR USED</u>
8 1/2"	0-20'	20'	6 5/8"	24#, K-55, 8 Rd.	New
5 5/8"	0-800'	800'	4 1/2"	9.5#, K-55, 8 Rd.	New

Cement Program

A. Surface casing: 10 sacks cement, Class "G", 2% CaCl

B. Production casing: 50 sacks cement, Class "G", 2% CaCl

5. The Operator's Minimum Specifications for Pressure Control

Not Applicable

6. The Type and Characteristics of the Proposed Circulation Muds

Not Applicable - Air Drilled.

7. The Auxiliary Equipment to be Used

Not Applicable

8. The Testing, Logging and Coring Programs to be Followed

- (a) No DST's are anticipated
- (b) An IES log and a Density log will be run from surface to total depth.
- (c) Coring is anticipated from the top of the White Rim to top of the Organ Rock.
- (d) Stimulation procedures will be determined after evaluation of logs. If treatment is indicated, appropriate notice will be submitted.

9. Any Anticipated Abnormal Pressures or Temperatures

No abnormal pressures or temperatures have been noted or reported in wells drilled in the area nor at the depths anticipated in this well.

No hydrogen sulfide or other hazardous fluids or gases have been found, reported or known to exist at these depths in the area.

10. Anticipated Starting Date and Duration of the Operations

The anticipated starting date is set for June 15, 1981, or as soon as possible after examination and approval of drilling requirements. Operations should be completed within 4 days after spudding the well and drilling to casing point.

R

\*\* FILE NOTATIONS \*\*

DATE: May 29 1981  
OPERATOR: William C. Kirkwood  
WELL NO: Hatch Canyon Unit 34-16B  
Location: Sec. 16 T. 31S R. 15E County: Garfield

File Prepared:  Entered on N.I.D:   
Card Indexed:  Completion Sheet:

API Number 43-017- 30107

CHECKED BY:

Petroleum Engineer: M.S. Minder 5-29-81

Director: \_\_\_\_\_

Administrative Aide: ok in Hatch Canyon Unit;  
all formations undrilled.

APPROVAL LETTER:

Bond Required:  Survey Plat Required:

Order No. \_\_\_\_\_ O.K. Rule C-3

Rule C-3(c), Topographic Exception - company owns or controls acreage  
within a 660' radius of proposed site

Lease Designation  Plotted on Map

Approval Letter Written

Hot Line  P.I.

June 5, 1981

William C. Kirkwood  
P. O. Box 3439  
Casper, Wyoming 82602

Re: Well No. Hatch Canyon Unit 34-16B  
Sec. 16, T. 31S, R. 15E, SW SE  
Garfield County, Utah

Insofar as this office is concerned, approval to drill the above referred to oil well is hereby granted in accordance with Section 40-6-11, Utah Code Annotated 1953; and predicated on Rule A-3, General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

MICHAEL T. MINDER - Petroleum Engineer  
Office: 533-5771  
Home: 876-3001

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-017-30107.

Sincerely,

DIVISION OF OIL, GAS, AND MINING



Michael T. Minder  
Petroleum Engineer

MTM/ko

cc: State Land Board, Donald Prince

William C. Kirkwood  
#34-16B  
1736' FEL 805' FSL  
Sec. 16, T31S, R15E  
Garfield Co., Utah  
Gr. Elev. 5058'

Spudded 6-21-81  
T.D. 6-23-81  
T.D. 800'

Formation Tops:

0-100' Chinle  
100-260' Moenkopi  
260-287' White Rim Upper  
287- ? White Rim  
? -800' Cedar Mesa T.D.

Saturation:

260-438'

Casing:

20' of 6 5/8", 24#, Surface  
500' of 4 1/2", 9.5#

NOTE: NO LOGS RUN

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN DUPLI <sup>2</sup>\*

(See other instructions on reverse side)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other \_\_\_\_\_

b. TYPE OF COMPLETION: NEW WELL  WORK OVER  DEEP-EN  PLUG BACK  DIFF. RESVR.  Other \_\_\_\_\_

2. NAME OF OPERATOR  
William C. Kirkwood

3. ADDRESS OF OPERATOR  
P.O. Box 3439, Casper, WY 82602

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface 646' FL & 1789' FEL (SWSE)  
At top prod. interval reported below  
At total depth

5. LEASE DESIGNATION AND SERIAL NO.  
ML-27138

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
N/A

7. UNIT AGREEMENT NAME  
Hatch Canyon Unit

8. FARM OR LEASE NAME  
State

9. WELL NO.  
34-16B

10. FIELD AND POOL, OR WILDCAT  
Wildcat

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
Sec. 16, T31S, R15E

14. PERMIT NO. 43-017-30107 DATE ISSUED 5/7/81

12. COUNTY OR PARISH Garfield 13. STATE Utah

15. DATE SPUDDED 6/21/81 16. DATE T.D. REACHED 6/23/81 17. DATE COMPL. (Ready to prod.) 6/23/81 18. ELEVATIONS (DF, REB, RT, CR, ETC.)\* 5058' GR 19. ELEV. CASINGHEAD 5058'

20. TOTAL DEPTH, MD & TVD 800' 21. PLUG, BACK T.D., MD & TVD 500' 22. IF MULTIPLE COMPL., HOW MANY\* N/A 23. INTERVALS DRILLED BY Rotary 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* 287' - 438' White Rim Formation 25. WAS DIRECTIONAL SURVEY MADE No.

26. TYPE ELECTRIC AND OTHER LOGS RUN N/A 27. WAS WELL CORED Yes

29. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
6 5/8"	24#	20'	8 1/2"	10 sacks Class "G"	None
4 1/2"	9.5#	500'	5 5/8"	60 sacks Class "G"	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

33.\* PRODUCTION

DATE FIRST PRODUCTION \_\_\_\_\_ PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) \_\_\_\_\_ WELL STATUS (Producing or shut-in) \_\_\_\_\_

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO

FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) \_\_\_\_\_ TEST WITNESSED BY \_\_\_\_\_

35. LIST OF ATTACHMENTS \_\_\_\_\_

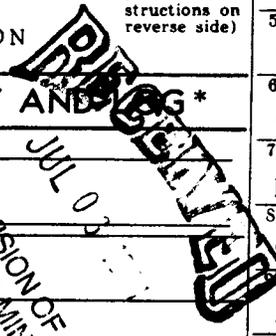
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Ronald E. Schuyler TITLE Engineer DATE July 1, 1981

\*(See Instructions and Spaces for Additional Data on Reverse Side)

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN DUPLICATE\*  
(See other instructions on reverse side)



**WELL COMPLETION OR RECOMPLETION REPORT AND LOG \***

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other \_\_\_\_\_

b. TYPE OF COMPLETION: NEW WELL  WORK OVER  DEEP-EN  PLUG BACK  DIFF. RESVR.  Other \_\_\_\_\_

2. NAME OF OPERATOR  
William C. Kirkwood

3. ADDRESS OF OPERATOR  
P.O. Box 3439, Casper, WY 82602

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface 646' FL & 1789' FEL (SWSE)  
At top prod. interval reported below  
At total depth

5. LEASE DESIGNATION AND SERIAL NO.  
ML-27138

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
N/A

7. UNIT AGREEMENT NAME  
Hatch Canyon Unit

8. FARM OR LEASE NAME  
State

WELL NO.  
34-16B

10. FIELD AND POOL, OR WILDCAT  
Wildcat

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
Sec. 16, T31S, R15E

14. PERMIT NO. 43-017-30107      DATE ISSUED 5/7/81

15. DATE SPUDDED 6/21/81      16. DATE T.D. REACHED 6/23/81      17. DATE COMPL. (Ready to prod.) 6/23/81

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 5058' GR      19. ELEV. CASINGHEAD 5058'

20. TOTAL DEPTH, MD & TVD 800'      21. PLUG, BACK T.D., MD & TVD 500'      22. IF MULTIPLE COMPL., HOW MANY\* N/A

23. INTERVALS DRILLED BY Rotary      ROTARY TOOLS      CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*  
287' - 438' White Rim Formation

25. WAS DIRECTIONAL SURVEY MADE  
No.

26. TYPE ELECTRIC AND OTHER LOGS RUN  
N/A

27. WAS WELL CORRED  
Yes

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
6 5/8"	24#	20'	8 1/2"	10 sacks Class "G"	None
4 1/2"	9.5#	500'	5 5/8"	60 sacks Class "G"	None

29. LINER RECORD      30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33. PRODUCTION

DATE FIRST PRODUCTION      PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)      WELL STATUS (Producing or shut-in) SI

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)      TEST WITNESSED BY

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Ronald E. Schuyler      TITLE Engineer      DATE July 1, 1981

\*(See Instructions and Spaces for Additional Data on Reverse Side)

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING  
1588 West North Temple  
Salt Lake City, Utah 84116

\*REPORT OF WATER ENCOUNTERED DURING DRILLING\*

Well Name & Number 34-16B State

Operator William C. Kirkwood Address P.O. Drawer 3439, Casper, WY 82602

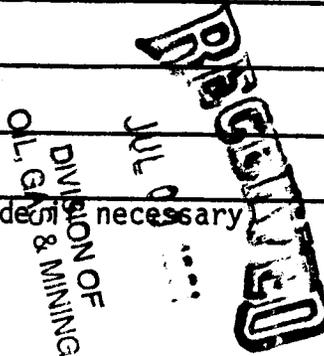
Contractor H.E. Beeman Drilling Address Moab, Utah

Location SW 1/4 SE 1/4 Sec. 16 T: 31S R. 15E County Garfield

Water Sands

<u>Depth</u>		<u>Volume</u>	<u>Quality</u>
From	To	Flow Rate or Head	Fresh or Salty
1.	Approx. 220'-220'	insignificant	Fresh
2.			
3.			
4.			
5.			

(Continue of reverse side if necessary)



Formation Tops

Remarks

- NOTE: (a) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure.
- (b) If a water analysis has been made of the above reported zone, please forward a copy along with this form.

# WILLIAM C. KIRKWOOD

Suite 300 Market Square Building — 307/265-5178

P. O. Drawer 3439 — Casper, Wyoming 82602



AL & GAS EXPLORATION & PRODUCTION

January 29, 1982

State of Utah  
Division of Oil, Gas and Mining  
1588 West North Temple  
Salt Lake City, UT 84116

RE: Filing Additions to USGS Form  
9-330 or OGCC-3

William C. Kirkwood  
#34-16B State  
805' FSL 1736' FEL  
Sec. 16, T32S, R15E  
Garfield County, Utah

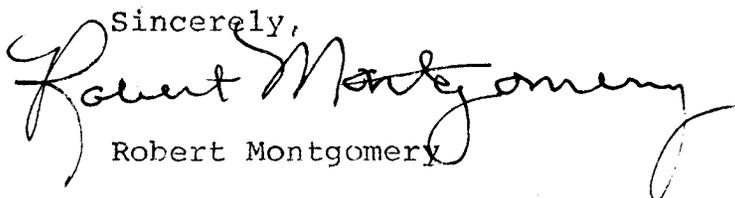
Gentlemen:

Enclosed is a copy of the logs (where run), sample and core descriptions, geologic summaries and other data obtained during drilling and completion operations to date.

Our delay in the further completion of this well, is due to testing presently being done to determine the best method of completion to be used to produce oil from this reservoir. Testing is being done by the University of Utah Fuels Engineering Department on core samples and oil from this reservoir. Additional wells have been cored to obtain samples for analysis of reservoir characteristics and to further delineate oil reserves in the Hatch Canyon Unit. In addition several wells of a pilot test pattern have been drilled.

If you require further information or have any questions please contact me.

Sincerely,

  
Robert Montgomery

RM:bal

Enclosures

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING MINERALS MANAGEMENT SERVICE RECEIVED

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL [X] GAS WELL [ ] OTHER [ ] 2. NAME OF OPERATOR William C. Kirkwood 3. ADDRESS OF OPERATOR P.O. Drawer 3439 Casper, WY 82602 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 805'FSL & 1736'FEL Sec. 16, T31S, R15E (SWSE) 14. PERMIT NO. 43-017-30107 15. ELEVATIONS (Show whether OP, RT, OR, etc.) 5058' GR

5. LEASE DESIGNATION AND SERIAL NO. ML-27138 6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A 7. UNIT AGREEMENT NAME Hatch Canyon Unit 8. FARM OR LEASE NAME State 9. WELL NO. #34-16B 10. FIELD AND POOL, OR WILDCAT Wildcat 11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA Section 16, T31S, R15E 12. COUNTY OR PARISH Garfield 13. STATE Utah

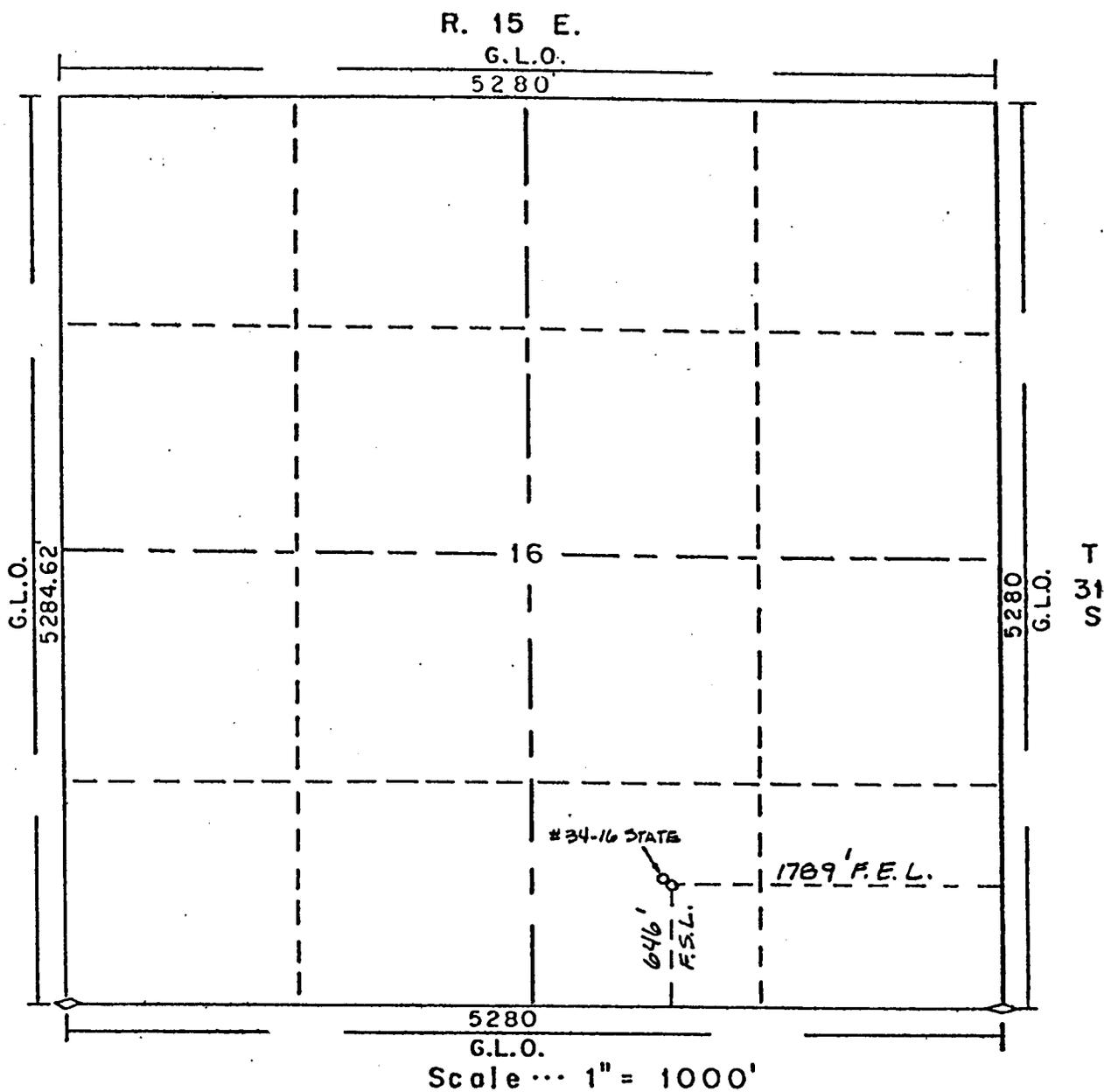
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data NOTICE OF INTENTION TO: TEST WATER SHUT-OFF [ ] FULL OR ALTER CASING [ ] FRACTURE TREAT [ ] MULTIPLE COMPLETE [ ] SHOOT OR ACIDIZE [ ] ABANDON\* [ ] REPAIR WELL [ ] CHANGE PLANS [ ] (Other) [ ] SUBSEQUENT REPORT OF: WATER SHUT-OFF [ ] REPAIRING WELL [ ] FRACTURE TREATMENT [ ] ALTERING CASING [ ] SHOOTING OR ACIDIZING [ ] ABANDONMENT\* [ ] (Other) Change of location [ ] (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

The above location has been corrected from the location given on the Application for Permit to Drill, which was 646'FSL & 1789'FEL (SWSE), T31S, R15E.

18. I hereby certify that the foregoing is true and correct SIGNED Ronald E. Schuyler TITLE Engineer DATE 6-22-82 APPROVED BY E. W. Guynn TITLE District Oil & Gas Supervisor DATE JUL 7 1982

Accepted opa. APPROVED FOR UNIT PURPOSES ONLY \*See Instructions on Reverse Side



Location of WILLIAM C. KIRKWOOD #34-16 B STATE

GEND  
Found Corner  
Well Location

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

SUBMITTED IN TRIPPLICATE\*  
(Other instructions on reverse side)

*ST*

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> <small>(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)</small>		5. LEASE DESIGNATION AND SERIAL NO. <b>ML-27138</b>
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME <b>N/A</b>
1. <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		7. UNIT AGREEMENT NAME <b>Hatch Canyon Unit</b>
2. NAME OF OPERATOR <b>William C. Kirkwood</b>		8. FARM OR LEASE NAME <b>State</b>
3. ADDRESS OF OPERATOR <b>P.O. Drawer 3439 Casper, WY 82602</b>		9. WELL NO. <b>#34-16B</b>
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <b>805'FSL &amp; 1736'FEL Sec. 16, T31S, R15E (SWSE)</b>		10. FIELD AND POOL, OR WILDCAT <b>Wildcat</b>
14. PERMIT NO. <b>43-017-30107</b>		11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA <b>Section 16, T31S, R15E</b>
15. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>5058' GR</b>		12. COUNTY OR PARISH 13. STATE <b>Garfield Utah</b>

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>Change of location</u>	<input type="checkbox"/>
(Other) <input type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

The above location has been corrected from the location given on the Application for Permit to Drill, which was 646'FSL & 1789'FEL (SWSE), T31S, R15E.

**RECEIVED**  
JUN 29 1982

DIVISION OF  
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED Ronald E. Schuyler TITLE Engineer DATE 6-22-82

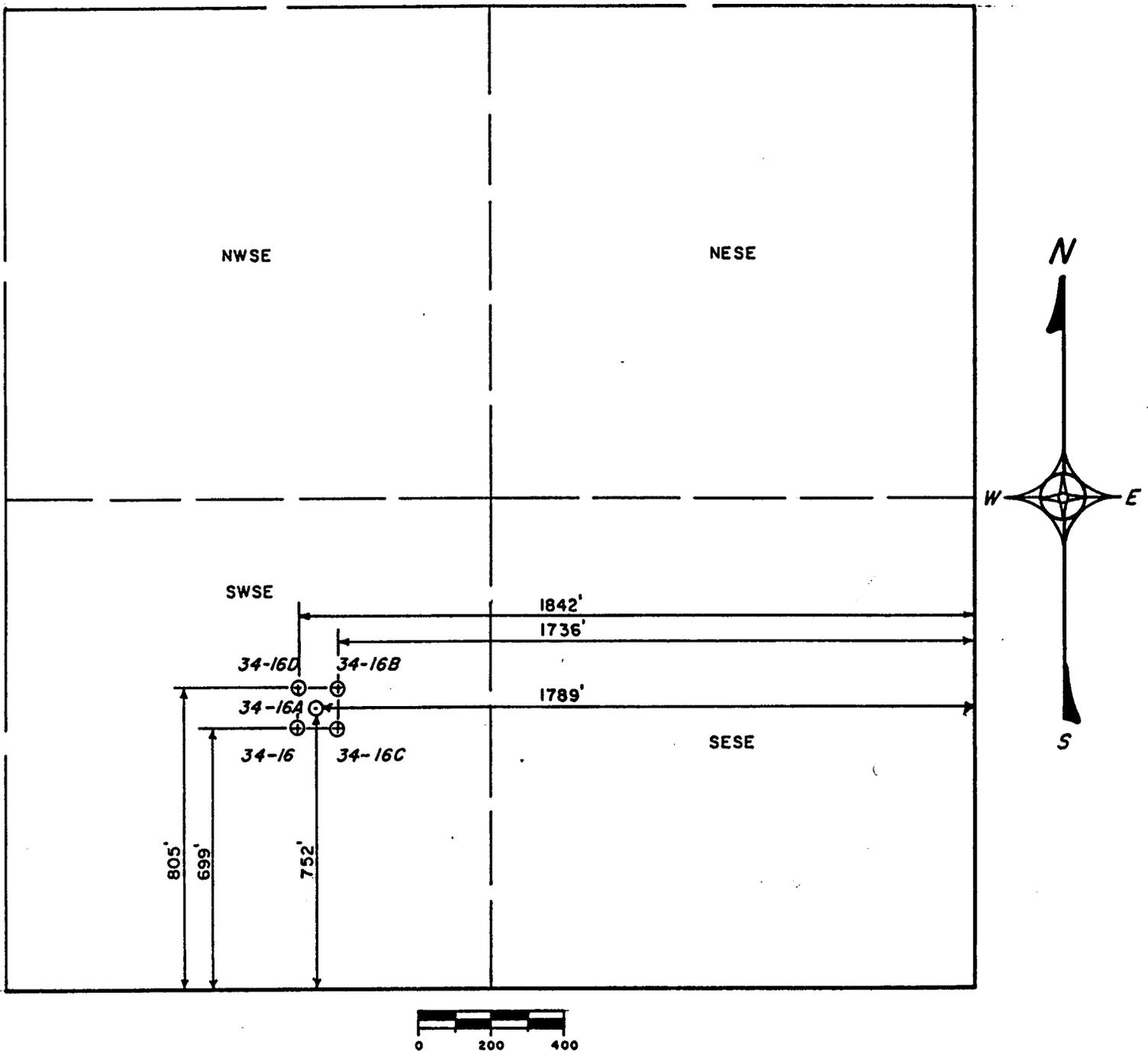
(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

SE/4 - Sec. 16, T31S, R15E

Garfield County, Utah



42-017-30107

Plat Showing Location Of Wells; 34-16, 34-16A,  
34-16B, 34-16C, And 34-16D In The SWSE/4  
Of Section 16, Township 31 South, Range 15 East,  
Garfield Co., Utah.



**WILLIAM C. KIRKWOOD**  
OIL & GAS EXPLORATION & PRODUCTION

120 So. Durbin  
P.O. Drawer 3439  
Casper, WYOMING 82601  
Telephone 307-265-5178

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO
2. NAME OF OPERATOR W. C. Kirkwood Oil and Gas		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P. O. Drawer 3439 Casper, WY 82602		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface Wells located in Townships 31 and 32 South Ranges 14 & 15 East		8. FARM OR LEASE NAME
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, OR, etc.)	9. WELL NO.
		10. FIELD AND POOL, OR WILDCAT
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
		12. COUNTY OR PARISH
		13. STATE

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>Well Status</u>	
(Other) <input type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

The wells described on the enclosed list are located within the Hatch Canyon Federal Oil and Gas Unit. This unit is located within the Tar Sand Triangle Special Tar Sand Area. All operations within the Hatch Canyon Unit have been suspended pending conversion of the federal leases within the unit to Combined Hydrocarbon Leases. Thus all operations on these wells have been suspended until conversion has taken place. At that time an additional Sundry Notice will be submitted outlining future activities involving these wells.

MAR 26 1984

DIVISION OF OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED Robert Matzger TITLE Geologist DATE March 22, 1984

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

William C. Kirkwood  
#14-36 Technology  
2076' FWL 746' FSL  
Sec 36 Twp 31S R 14E  
Garfield County, Utah  
G.L. 4823'

Spudded 6/23/80  
T.D. 6/25/80 462'  
  
Deepened 7/1/80  
T.D. 7/12/80 1000'

---

William C. Kirkwood  
#33-29 Cromwell  
2023' FEL 741' FSL  
Sec 29 Twp 31S R 15E  
Garfield County, Utah  
G.L. 5120

Spudded 7/5/80  
T.D. 7/8/80 700'

---

William C. Kirkwood  
#23-8 Magnum  
1934' FEL 1667' FSL  
Sec 8 Twp 31S R 15E  
Garfield County, Utah  
G.L. 5084

Spudded 7/17/80  
T.D. 7/22/80 1100'

---

William C. Kirkwood  
#22-20 Monroe  
2962' FEL 1790' FNL  
Sec 20 Twp 31S R 15E  
Garfield County, Utah  
G.L. 4988

Spudded 7/9/80  
T.D. 7/15/80 800'

---

William C. Kirkwood  
#14-15 Remington  
554' FWL 697' FSL  
Sec 15 Twp 31S R 15E  
Garfield County, Utah  
G. L. 5307'

Spudded 8/1/80  
T.D. 8/3/80 1540'

William C. Kirkwood  
#14-15 Garfield  
4497' FWL 599' FSL  
Sec 15 Twp 31S R 15E  
Garfield County, Utah  
G.L. 5321'

Spudded 8/4/80  
T.D. 8/6/80 1000'

---

William C. Kirkwood  
#21-15 Winfield  
2222' FWL 481' FNL  
Sec 15 Twp 31S R 15E  
Garfield County, Utah  
G.L. 6127'

Spudded 8/12/80  
T.D. 8/14/80 1800'

---

William C. Kirkwood  
#44-4 White Rim  
401' FEL 1498' FSL  
Sec 4 Twp 31S R 15E  
Garfield County, Utah  
G.L. 6005'

Spudded 8/14/80  
T.D. 8/16/80 1640'

---

William C. Kirkwood  
#34-16 State  
699' FSL 1842' FEL  
Sec 16 Twp 31S R 15E  
Garfield County, Utah  
G.L. 5058'

Spudded 8/22/80  
T.D. 8/24/80 620'

---

William C. Kirkwood  
#34-16 Hatch Canyon Unit  
SWSE 16-31S-15E  
699' FSL 1842' FEL  
Spudded 8/22/80  
T.D. 620'  
G.L. 5058'

---

William C. Kirkwood  
34-16A Hatch Canyon Unit  
SWSE 16-31S-15E  
752 FSL 1789 FEL

Spudded 10/6/80  
T.D. 440'  
G.L. 5058'

---

William C. Kirkwood  
34-16B Hatch Canyon Unit  
SWSE 16-31S-15E  
805' FSL 1736' FEL

Spudded 6/21/81  
T.D. 800'  
G.L. 5058'

---

William C. Kirkwood  
34-16C Hatch Canyon Unit  
SWSE 16-31S-15E  
699' FSL 1736' FEL

Spudded 12/19/81  
T.D. 500'  
G.L. 5058'

---

William C. Kirkwood  
34-16C Hatch Canyon Unit  
SWSE 16-31S-15E  
805' FSL 1842' FEL

Spudded 6/12/82  
T.D. 510'  
G.L. 5058'

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

5. LEASE DESIGNATION AND SERIAL NO. ML-27138
6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A
7. UNIT AGREEMENT NAME Hatch Canyon
8. FARM OR LEASE NAME State
9. WELL NO. 34-16B
10. FIELD AND POOL, OR WILDCAT Wildcat
11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA Sec. 16, T31S, R15E
12. COUNTY OR PARISH Garfield
13. STATE UT

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1.  OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR  
William C. Kirkwood

3. ADDRESS OF OPERATOR  
P.O. Box 3439, Casper, WY 82602

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\* See also space 17 below.)  
At surface  
  
646' FSL, 1789' FEL

14. PERMIT NO.  
43-017-30107

15. ELEVATIONS (Show whether DF, RT, OR, etc.)  
5058' GL

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	
(Other) <input type="checkbox"/>	<input checked="" type="checkbox"/>	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

This well is located in the Hatch Canyon Unit. All operations in this Unit have been suspended pending the conversion of Federal Oil and Gas leases within this Unit to Combined Hydrocarbon leases. Once these leases are converted a new Combined Hydrocarbon Unit will be formed and operations resumed. Until that time this well has been shut in and temporarily abandoned.

**RECEIVED**  
JAN 17 1985

DIVISION OF  
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED Robert Hartgering TITLE Geologist DATE 1-4-85

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:  
Certified: P492-469-129



UTAH  
NATURAL RESOURCE  
Oil, Gas & Mining

355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Ut  
84180-1203. (801-538-5340)

# MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

~~HATCH CYN UNIT~~

• KIRKWOOD, WILLIAM C.  
P O BOX 3439  
CASPER WY 82602  
ATTN: AUDREY FISHER

\* Combined Hydrocarbon  
\* Oper. Filed Bankruptcy

Utah Account No. N3260  
Report Period (Month/Year) 1 / 89  
Amended Report

Well Name	Producing	Days	Production Volume				
API Number	Entity	Location	Zone	Oper	Oil (BBL)	Gas (MSCF)	Water (BBL)
REMINGTON 14-15 <i>Comp. 7-30-80</i>	09645	31S 15E 15	SWSW WHRM	—	SOW U-21037		
WINFIELD 21-15 <i>Comp. 7-30-80</i>	09645	31S 15E 15	NENW WHRM	11015	SOW U-21037		
MONROE 22-20 <i>Comp. 7-30-80</i>	09645	31S 15E 20	SENEW WHRM	11016	SOW U-21477	7-29-89 per Theresa/BFM	
MAGNUM 23-8 <i>Comp. 7-30-80</i>	09645	31S 15E 8	NESEW WHRM	11017	SOW U-21478	Oper. has a bond, they can	
CRMWELL 33-29 <i>Comp. 7-30-80</i>	09645	31S 15E 29	SWSE WHRM	11018	SOW U-21476	use to PA 4, Fed. Lease	
WHITE RIM 44-4 <i>Comp. 7-30-80</i>	09645	31S 15E 4	SESE WHRM	11019	SOW U-21083	write. Will probably never	
WINFIELD 44-15 <i>Comp. 7-30-80</i>	09645	31S 15E 15	SESE WHRM	11020	SOW U-21037	produce.	
STATE 34-16 <i>Comp. 7-30-80</i>	09645	31S 15E 16	SWSE WHRM	11021	SOW ML-27138		
STATE 34-16A <i>Comp. 7-30-80</i>	09645	31S 15E 16	SWSE WHRM	11022	SOW ML-27138	St. Leases	
HATCH CANYON U 34-16B <i>Comp. 6-27-89</i>	09645	31S 15E 16	SWSE WHRM	11023	SOW ML-27138		
TECHNOLOGY 14-36	10929	31S 14E 36	WHRM	—	SOW (not in unit)		
TOTAL							

Comments (attach separate sheet if necessary) Entity 9645 ok. No P.A.'s in Unit!  
9-25-89 All wells currently "SOW" status's - for  
43-017-3006 is the only well that will retain entity 9645.

I have reviewed this report and certify the information to be accurate and complete. Date \_\_\_\_\_  
 Authorized signature \_\_\_\_\_ Telephone \_\_\_\_\_

Bureau of Land Management  
Branch of Fluid Minerals (U-922)  
324 South State Street  
Salt Lake City, Utah 84111-2303

3170  
(U-922)

September 20, 1989

CERTIFIED MAIL - Return Receipt Requested

William C. Kirkwood  
P.O. Drawer 3434  
Casper, Wyoming 82402

Gentlemen:

Pursuant to our letter of August 8, 1989, the indefinite suspension of Section 9 drilling obligations within the Hatch Canyon Unit Area was lifted September 11, 1989. A copy of our August 8, 1989, correspondence and the Certified Return Receipt is enclosed for your records.

As a result of the indefinite suspension being lifted, the Hatch Canyon Unit Agreement, Garfield County, Utah, automatically terminated, effective September 16, 1989, pursuant to the last paragraph of Section 9 of the Unit Agreement.

Copies of this letter are being distributed to the appropriate Federal agencies. It is requested that you furnish notice of this termination to each working interest owner, lessee, and lessor.

In accordance with 43 CFR 3165.2, you may request a State Director Review of this decision. Any party adversely affected by a State Director Review may appeal to the Interior Board of Land Appeals as stated in 43 CFR 3165.4.

Sincerely,

Orig. Sgd: J.A. Fouts

ACTING

Robert A. Haricks  
Chief, Branch of Fluid Minerals

bcc: DM Cedar City  
Hatch Canyon Unit File  
Agr. Sec. Chron  
Fluid Chron  
U-942  
Utah State Land Board  
MMS-RPP  
DOER

Mcoulthard: jw 9/19/89  
0128V

STATE OF UTAH  
 DIVISION OF OIL, GAS AND MINING  
 ENTITY ACTION FORM - FORM 6

OPERATOR WILLIAM C. KIRKWOOD  
 ADDRESS P. O. BOX 3439  
CASPER, WYOMING 82602

OPERATOR ACCT. NO. N 3260

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
D	9645	11020	43-017-30092	GARFIELD 44-15	SESE	15	31S	15E	GARFIELD		9-18-89
WELL 1 COMMENTS: ** HATCH CANYON UNIT TERMINATED EFFECTIVE 9-18-89. ALL WELLS WITHIN UNIT BOUNDRY ARE SOW AND NOW HAVE INDIVIDUAL ENTITY NUMBERS. ONLY WELL WITH ORIGINAL # IS 43-017-30086, REMINGTON 14-15.											
D	9645	11021	43-017-30096	STATE 34-16	SWSE	16	31S	15E	GARFIELD		9-18-89
WELL 2 COMMENTS:											
D	9645	11022	43-017-30098	STATE 34-16A	SWSE	16	31S	15E	GARFIELD		9-18-89
WELL 3 COMMENTS:											
D	9645	11023	43-017-30107	HATCH CYN U 34-16B	SWSE	16	31S	15E	GARFIELD		9-18-89
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

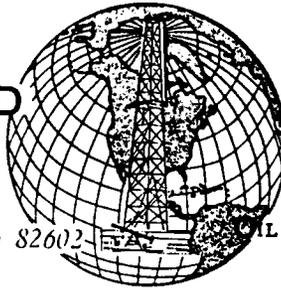
- ACTION CODES** (See instructions on back of form)  
 A - Establish new entity for new well (single well only)  
 B - Add new well to existing entity (group or unit well)  
 C - Re-assign well from one existing entity to another existing entity  
 D - Re-assign well from one existing entity to a new entity  
 E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

(3/89)

LISHA ROMERO  
 Signature  
ADMIN. ANALYST 9-29-89  
 Title Date  
 Phone No. (801) 538-5340

WILLIAM C. KIRKWOOD



120 South Durbin — 307/265-5178

P. O. Drawer 3439 — Casper, Wyoming 82602 DIVISION OF OIL & GAS EXPLORATION & PRODUCTION

June 3, 1991

RECEIVED

AUG 26 1991

Administrative routing stamp with handwritten initials 'SRX' and checkmarks.

JUN 5 1991

Bureau of Land Management  
Richfield District Office  
150 East 900 North  
Richfield, UT 84701

DIVISION OF  
OIL GAS & MINING

Attention: Michael Jackson

Re: Hatch Canyon Unit  
Well # 14-15, 21-15, 44-15  
Sec. 15, T31S, R15E  
Garfield County, UT

Administrative routing stamp with a grid pattern.

Gentlemen:

Enclosed please find Sundry Notices for plugging three wells in the Hatch Canyon Unit located in Section 15.

With regard to your concern of the four shallowed unplugged holes associated with the #14-15 well: Kirkwood has no record of any such wells, however, we do have a five spot pattern located in Section 16 (copies of location plot and completion reports enclosed). This pattern could possibly be what they are talking about.

If I can be of further assistance, please advise.

Sincerely,

Robert Kirkwood  
Engineer

RK/mm

Enclosures

RECEIVED

AUG 26 1991

DIVISION OF  
OIL, GAS & MINING

ROUTING AND TRANSMITTAL SLIP

Date 8/23/91

TO: (Name, office symbol, room number, building, Agency/Post)	Initials	Date
1. Frank Matthews		
2. DOGM		
3. STATE OF UTAH, Division of Oil, Gas & Mining		
4. 3Tried Center, Sec 350		
5. JLC, 24129-1203		

Action	File	Note and Return
Approval	For Clearance	For Review
As Requested	For Correction	Prepare Report
Circulate	For Your Information	See Me
Comment	Investigate	Signature
Coordination	Justify	

**RECEIVED**  
AUG 26 1991

REMARKS

Included are the <sup>Approval for</sup> **DIVISION OF OIL, GAS & MINING** P&A of 3 wells on BLM lands.

Also, enclosed are reports related to wells on Sec. 16, which I'd talked to you about.

Give me a call if questions.

DO NOT use this form as a RECORD of approvals, concurrences, disposals, clearances, and similar actions

FROM: (Name, org. symbol, Agency/Post)	Room No.—Bldg.
Michael Jackson	BLM-Richland
	Phone No.
	801 896-8221

5041-102

OPTIONAL FORM 41 (Rev. 7-76)  
Prescribed by GSA  
FPMR (41 CFR) 101-11.206

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial Number:  
**ML-27138**

6. If Indian, Allottee or Tribe Name:

7. Unit Agreement Name:  
**HATCH CANYON UNIT**

8. Well Name and Number:  
**State 34-16B**

9. API Well Number:  
**4301730107**

10. Field and Pool, or Wildcat:

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.  
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL  GAS  OTHER:

2. Name of Operator:  
**WILLIAM C. KIRKWOOD**

3. Address and Telephone Number:  
**P. O. BOX 3439 CASPER, WY 82602-3439**

4. Location of Well **646 1789**  
Footages: **805' FSL, 1736' FEL**  
QQ, Sec., T., R., M.: **SWSE Sec 16, T31S, R15E**

County: **Garfield**  
State: **Utah**

11. **CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

**NOTICE OF INTENT**  
(Submit in Duplicate)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandonment             | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Casing Repair           | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans         | <input type="checkbox"/> Recompletion         |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize     |
| <input type="checkbox"/> Fracture Treat          | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Multiple Completion     | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other _____             |   |

Approximate date work will start \_\_\_\_\_

**SUBSEQUENT REPORT**  
(Submit Original Form Only)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandonment *           | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Casing Repair           | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans         | <input type="checkbox"/> Shoot or Acidize     |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Fracture Treat          | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other _____             |   |

Date of work completion \_\_\_\_\_

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

\* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

**ANNUAL STATUS REPORT**

The above referenced well was drilled and completed as an exploratory well in a heavy oil project. Although substantial oil reserves were found, low oil prices suspended further development and this well was put in a temporarily abandoned status.

13. Name & Signature:  Title: **Engineer** Date: **12/18/92**

(This space for State use only)

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		3. Lease Designation and Serial Number: <b>ML 27138</b>
Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.		6. If Section, Allocation or Tract Name:
		7. Unit Agreement Name: <b>Hatch Canyon Unit</b>
1. Type of Well: OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> OTHER: <input type="checkbox"/>		8. Well Name and Number: <b>34-16B</b>
2. Name of Operator: <b>William C. Kirkwood</b>		9. API Well Number: <b>43-017-30107</b>
3. Address and Telephone Number: <b>P. O. Box 3439, Casper, WY 82602</b>		10. Field and Pool, or Wildcat: <b>Wildcat</b>
4. Location of Well Footage: <b>646' FSL, 1789' FEL (SWSE)</b>		County: <b>Garfield</b>
CO. Sec., T., R., M.: <b>Sec. 16, T31S, R15E</b>		State: <b>Utah</b>

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)	SUBSEQUENT REPORT (Submit Original Form Only)
<input checked="" type="checkbox"/> Abandon <input type="checkbox"/> Repair Casing <input type="checkbox"/> Change of Plans <input type="checkbox"/> Convert to Injection <input type="checkbox"/> Fracture Treat or Acidize <input type="checkbox"/> Multiple Completion <input type="checkbox"/> Other _____	<input type="checkbox"/> Abandon <input type="checkbox"/> Repair Casing <input type="checkbox"/> Change of Plans <input type="checkbox"/> Convert to Injection <input type="checkbox"/> Fracture Treat or Acidize <input type="checkbox"/> Other _____
<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Recomplete <input type="checkbox"/> Reperforate <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Reperforate <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off
Approximate date work will start: <u>Sept. 15, 1997</u>	Date of work completion: _____ <small>Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form. * Must be accompanied by a cement verification report.</small>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and bearings and true vertical depths for all markers and zones pertinent to this work.)

Kirkwood plans to P & A the above referenced well by dilling the casing with cement from the surface, installing a dry hole marker and restoring the surface.

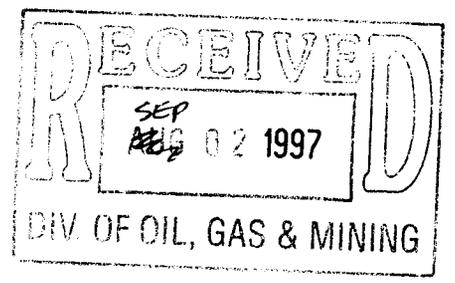
13. Name & Signature: *Robert W. Kirkwood* Title: Engineer Date: 8/28/97

(This space for State use only)

APPROVED BY THE ST. OF UTAH DIVISION OF OIL, GAS AND MINING

DATE: 9/2/97  
BY: John R. Bays

(See Instructions on Reverse Side)



STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		3. Lease Designation and Serial Number: ML 27138
Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.		6. If earlier, Jurisdiction or Title Name:
		7. Unit Agreement Name: Hatch Canyon Unit
1. Type of Well: OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> OTHER: <input type="checkbox"/>		4. Well Name and Number: 34-16B
2. Name of Operator: William C. Kirkwood		8. API Well Number: 43-017-30107
3. Address and Telephone Number: P. O. Box 3439, Casper, WY 82602		10. Field and Pool, or Wildcat: Wildcat
4. Location of Well Footages: 646' FSL, 1789' FEL (SWSE) CO. Sec., T., R., M.: Sec. 16, T31S, R15E		County: Garfield State: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)	SUBSEQUENT REPORT (Submit Original Form Only)
<input type="checkbox"/> Abandon <input type="checkbox"/> Repair Casing <input type="checkbox"/> Change of Plans <input type="checkbox"/> Convert to Injection <input type="checkbox"/> Fracture Treat or Acidize <input type="checkbox"/> Multiple Completion <input type="checkbox"/> Other _____	<input checked="" type="checkbox"/> Abandon * <input type="checkbox"/> Repair Casing <input type="checkbox"/> Change of Plans <input type="checkbox"/> Convert to Injection <input type="checkbox"/> Fracture Treat or Acidize <input type="checkbox"/> Other _____
<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Recomplete <input type="checkbox"/> Reperforate <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Reperforate <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off
Approximate date work will start _____	Date of work completion <u>10/27/97</u>
	Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form. * Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and azimuth and true vertical depths for all markers and screens pertinent to this work.)

Please be advised that the above referenced well was plugged in accordance with the approved plan dated 9/22/97 and is ready for final inspection.

13. Name & Signature:  Title: Engineer Date: 11/11/97  
 Name: Robert W. Kirkwood

(This space for State use only)

