

UTAH DIVISION OF OIL, GAS AND MINING

REMARKS: WELL LOG _____ ELECTRIC LOGS _____ FILE WATER SANDS _____ LOCATION INSPECTED _____ SUB. REPORT/ABD. _____

10-27-78 - location abandoned; well never drilled

DATE FILED 8-18-78

LAND: FEE & PATENTED STATE LEASE NO. PUBLIC LEASE NO. INDIAN 14-20-H62-1893

DRILLING APPROVED: 8-17-78

SPUDED IN:

COMPLETED: PUT TO PRODUCING:

INITIAL PRODUCTION:

GRAVITY A.P.I.

GOR:

PRODUCING ZONES:

TOTAL DEPTH:

WELL ELEVATION:

DATE ABANDONED: *10-27-78 L.A*

FIELD: *Wildcat 3/86 Altamont*

UNIT:

COUNTY: Duchesne

WELL NO. Ute Tribal 1-34

API NO: 43-013-30459

LOCATION 584' FT. FROM (N) LINE. 1928 FT. FROM (W) LINE. NE NW 1/4-1/4 SEC. 34

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
				4S	6W	34	GULF OIL CORP.

Location Abandoned; 10-27-78

FILE NOTATIONS

Entered in NID File ..✓.....
Location Map Pinned
Card Indexed ..✓.....

Checked by Chief
Approval Letter
Disapproval Letter

COMPLETION DATA:

Date Well Completed
OW..... WW..... TA.....
GW..... OS..... PA.....

Location Inspected
Bond released
State or Fee Land

LOGS FILED

Driller's Log.....
Electric Logs (No.)
E..... I..... Dual I Lat..... GR-N..... Micro.....
BHC Sonic GR..... Lat..... MI-L..... Sonic.....
CCLog..... CCLog..... Others.....

KC
3-19-90



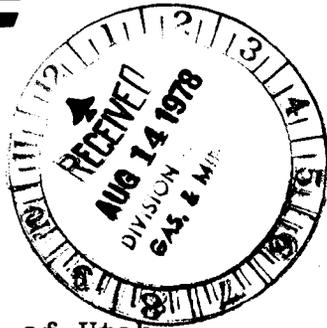
ENVIRONMENTAL ENGINEERING COMPANY

Professional Engineering Services

1720 South Poplar, Suite 5
Casper, Wyoming 82601

1720 So. Poplar
Suite 5
~~PROCESSED~~
Casper, Wyoming 82602
Phone (307) 234-6186

1645 Court Place
Suite 229
Denver, Colorado 80202
Phone (303) 892-1506



August 11, 1978

State of Utah
Department of Natural Resources
Division of Oil & Gas Conservation
1588 West North Temple
Salt Lake City, Utah 84116

Attention: Pat Driscoll, Engineer

Re: Drilling application for well
Gulf Oil Corporation #1-34 Ute Tribal
NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 34-T4S-R6W., Uinta Meridian
Duchesne County, Utah

Gentlemen:

As required by your Rule C-4 Notice of Intention to Drill,
we are enclosing for the subject well three copies of
Notice of Intention to Drill with attached Surveyor's Plats.

Your prompt approval will be greatly appreciated.

Very truly yours,

E. R. Haymaker, P. E.
Environmental Engineering Co.

Enclosures

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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
 Gulf Oil Corporation

3. ADDRESS OF OPERATOR
 c/o Environmental Engineering Company
 1720 South Poplar, Suite 5, Casper, Wyoming 82601

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface
 584' FNL & 1,928' FWL, Sec. 34, T. 4 S., R. 6 W., Uinta Mer.
 At proposed prod. zone
 Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 13.2 miles southwest of Duchesne, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 584'

16. NO. OF ACRES IN LEASE 640.00

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 8,000'

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 7,252' GR

22. APPROX. DATE WORK WILL START*
 September 1, 1978

5. LEASE DESIGNATION AND SERIAL NO.
 14-20-H62-1893

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
 Ute Tribe

7. UNIT AGREEMENT NAME
 - -

8. FARM OR LEASE NAME
 - -

9. WELL NO.
 1-34 Ute Tribal

10. FIELD AND POOL, OR WILDCAT
 Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 NE 1/4 NW 1/4 Sec. 34-T4S-R6W.,
 Uinta Meridian

12. COUNTY OR PARISH 13. STATE
 Duchesne Utah

23. PROPOSED CASING AND CEMENTING PROGRAM

All New

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
20 1/2"	16"	65# H-40	60'	75 sacks
12 1/4"	9 5/8"	36# K-55	1,000	425 sacks
8 3/4"	7"	26# K-55	5,900	500 sacks
6"	5"	18# N-80	8,000'-(5,800')	cement to top

1. Drill 20 1/2" hole to 60' and set 16" surface pipe with 75 sacks.
2. Drill 12 1/4" hole to 1,000' and set 9 5/8" casing with 425 sacks.
3. Drill 8 3/4" hole to 5,900' and set 7" casing with 500 sacks.
4. Drill 6" hole to T.D. and hang 5" liner from 5,800' to T.D. and cement to top.

Exhibits Attached

- | | |
|---------------------------------|--|
| A. Location and Elevation Plat | E. Access Road Map |
| B. Ten-point Compliance Program | F. Topographic Map |
| C. Blowout Preventer Diagram | G. Drill Pad & Drill Rig and Production Facilities |
| D. Multipoint Surface Use Plan | |

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

NOTICE OF APPROVAL

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on existing production 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 *R.R. Rasmussen* TITLE Area Drilling Sup't DATE Aug. 11, 1978

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
 APPROVED BY *W.D. Hunter* TITLE ACTING DISTRICT ENGINEER DATE SEP 09 1978

CONDITIONS OF APPROVAL, IF ANY:

CONDITIONS OF APPROVAL ATTACHED
 TO OPERATOR'S COPY

NECESSARY PLANS OF GAS DURING
 DRILLING AND COMPLETION APPROVED
 SUBJECT TO ROYALTY (NTL-4)

STATE - DOGM

T4S, R6W, U.S.B. & M.

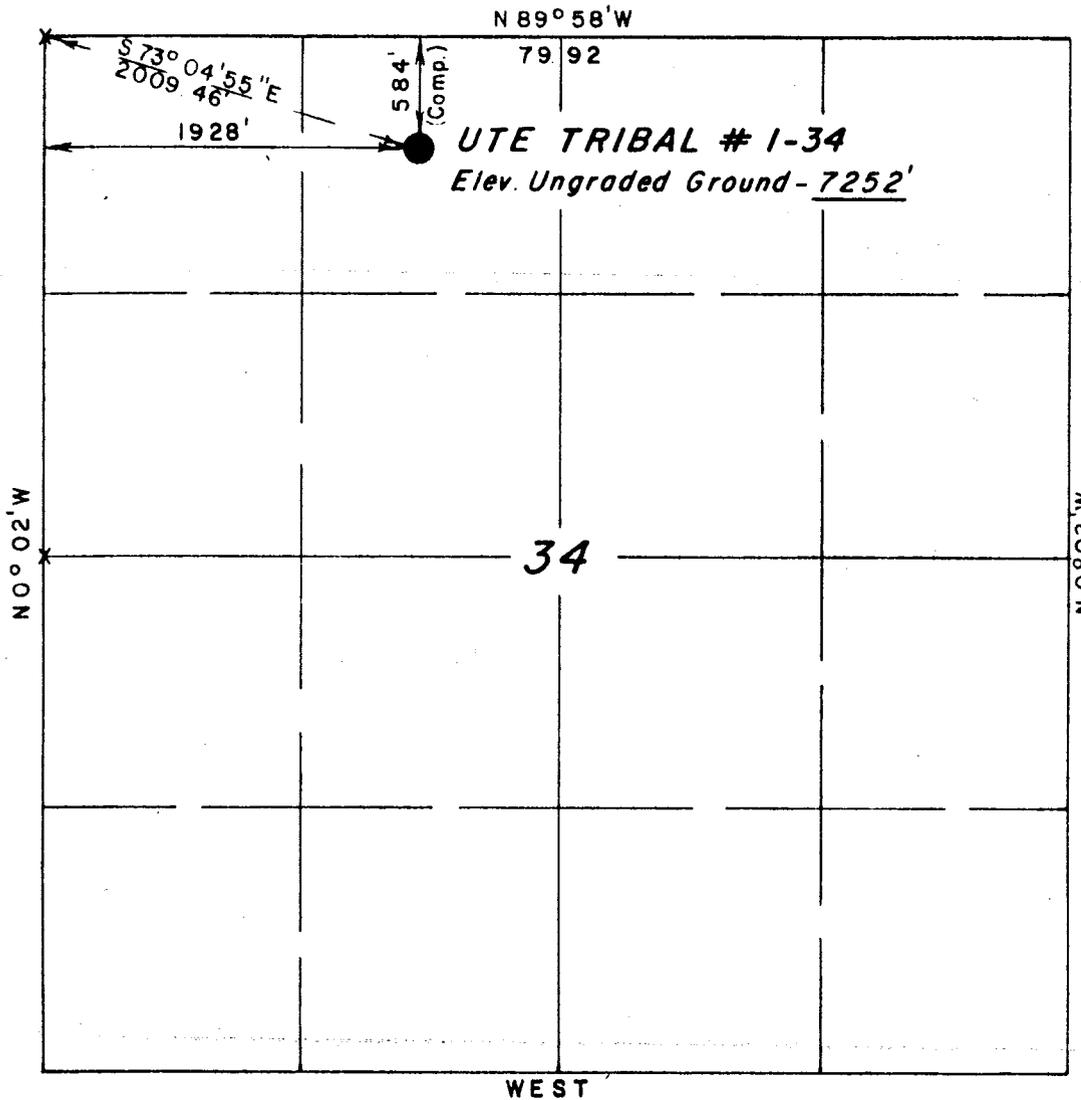
PROJECT

GULF OIL CORPORATION

Well location, *UTE TRIBAL # 1-34*,
located as shown in the NE 1/4 NW1/4
Section 34, T4S, R6W, U.S.B. & M.
Duchesne County, Utah.

NOTE:

Basis of bearings is a sun shot taken
near the West line of section 34, T4S,
R6W, U.S.B. & M.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE
BEST OF MY KNOWLEDGE AND BELIEF.

Robert J. ...
REGISTERED LAND SURVEYOR
REGISTRATION NO 2454
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING P. O. BOX Q - 110 EAST - FIRST SOUTH VERNAL, UTAH - 84078	
SCALE 1" = 1000'	DATE 8 / 8 / 78
PARTY NM HM LR RP	REFERENCES GLO Plat
WEATHER Fair	FILE GULF OIL CORP.

X = Section Corners Located

U. S. GEOLOGICAL SURVEY - CONSERVATION DIVISION
FROM: DISTRICT GEOLOGIST, SALT LAKE CITY, UTAH
TO: DISTRICT ENGINEER, O&G, SALT LAKE CITY, UTAH
SUBJECT: APD MINERAL EVALUATION REPORT

LEASE NO. 14-20-H62-1893

OPERATOR: GULF OIL CORP

WELL NO. 1-34

LOCATION: NE 1/4 NW 1/4 sec. 34, T. 4S, R. 6W, USM
DUCHESNE County, UTAH

1. Stratigraphy: *The surface rocks are of the Uinta Formation.*

<i>Green River</i>	<i>1004'</i>	<i>- water</i>
<i>Douglas Creek</i>	<i>4604'</i>	<i>- oil + water</i>
<i>Wasatch</i>	<i>6454'</i>	<i>- oil + water</i>

2. Fresh Water:

see item 1.

3. Leasable Minerals: *Oil Shale & Solid & Semi-Solid hydrocarbons may occur in the Green River Fm from about 1004' - 4604'.*

These beds should be protected if encountered.

4. Additional Logs Needed: *Density log.*

5. Potential Geologic Hazards: *not anticipated by operator.*

6. References and Remarks: *none*

Signature: E.M.B.

Date: 8-29-78

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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
 Gulf Oil Corporation

3. ADDRESS OF OPERATOR
 c/o Environmental Engineering Company
 1720 South Poplar, Suite 5, Casper, Wyoming 82601

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface
 584' FNL & 1,928' FWL, Sec. 34, T. 4 S., R. 6 W., Uinta Mer.
 At proposed prod. zone
 Same NE NW

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 13.2 miles southwest of Duchesne, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
 584' ✓

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
 - -

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 7,252' GR

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
20 1/2"	16"	65# H-40	60'	75 sacks ✓
12 1/4"	9 5/8"	36# K-55	1,000	425 sacks ✓
8 3/4"	7"	26# K-55	5,900	500 sacks ✓
6"	5"	18# N-80	8,000'-(5,800')	cement to top ✓

1. Drill 20 1/2" hole to 60' and set 16" surface pipe with 75 sacks.
2. Drill 12 1/4" hole to 1,000' and set 9 5/8" casing with 425 sacks.
3. Drill 8 3/4" hole to 5,900' and set 7" casing with 500 sacks.
4. Drill 6" hole to T.D. and hang 5" liner from 5,800' to T.D. and cement to top.

Exhibits Attached

- | | |
|-----------------------------------|--|
| A. Location and Elevation Plat ✓ | E. Access Road Map ✓ |
| B. Ten-point Compliance Program ✓ | F. Topographic Map ✓ |
| C. Blowout Preventer Diagram ✓ | G. Drill Pad & Drill Rig and Production Facilities ✓ |
| D. Multipoint Surface Use Plan | |

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: Bob Rasmussen TITLE: Area Drilling Sup't DATE: Aug. 17, 1978

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

5. LEASE DESIGNATION AND SERIAL NO.
 14-20-H62-1893
 6. IF INDIAN, ALLOTTEE OR TRIBE NAME
 Ute Tribe
 7. UNIT AGREEMENT NAME
 8. FARM OR LEASE NAME
 9. WELL NO.
 1-34 Ute Tribal
 10. FIELD AND POOL, OR WILDCAT
 Wildcat
 11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA.
 NE 1/4 Sec. 34 T4S-R6W.,
 Uinta Meridian
 12. COUNTY OR PARISH
 Duchesne
 13. STATE
 Utah
 17. NO. OF ACRES ASSIGNED TO THIS WELL
 40
 19. PROPOSED DEPTH
 8,000'
 20. ROTARY OR CABLE TOOLS
 Rotary
 22. APPROX. DATE WORK WILL START*
 September 1, 1978

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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
Gulf Oil Corporation

3. ADDRESS OF OPERATOR c/o Environmental Engineering Company
1720 South Poplar, Suite 5, Casper, Wyoming 82601

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface
584' FNL & 1,928' FWL, Sec. 34, T. 4 S., R. 6 W., Uinta Mer.
At proposed prod. zone
Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
13.2 miles southwest of Duchesne, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 584'

16. NO. OF ACRES IN LEASE 640.00

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 8,000'

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
7,252' GR

22. APPROX. DATE WORK WILL START*
September 1, 1978

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
20 1/2"	16"	65# H-40	60'	75 sacks
12 1/4"	9 5/8"	36# K-55	1,000	425 sacks
8 3/4"	7"	26# K-55	5,900	500 sacks
6"	5"	18# N-80	8,000'-(5,800')	cement to top

1. Drill 20 1/2" hole to 60' and set 16" surface pipe with 75 sacks.
2. Drill 12 1/4" hole to 1,000' and set 9 5/8" casing with 425 sacks.
3. Drill 8 3/4" hole to 5,900' and set 7" casing with 500 sacks.
4. Drill 6" hole to T.D. and hang 5" liner from 5,800' to T.D. and cement to top

Exhibits Attached

- | | |
|---------------------------------|--|
| A. Location and Elevation Plat | E. Access Road Map |
| B. Ten-point Compliance Program | F. Topographic Map |
| C. Blowout Preventer Diagram | G. Drill Pad & Drill Rig and Production Facilities |
| D. Multipoint Surface Use Plan | |

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 R. B. Rosenthal TITLE Area Drilling Sup't DATE Aug. 17, 1978

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

T4S, R6W, U.S.B. & M.

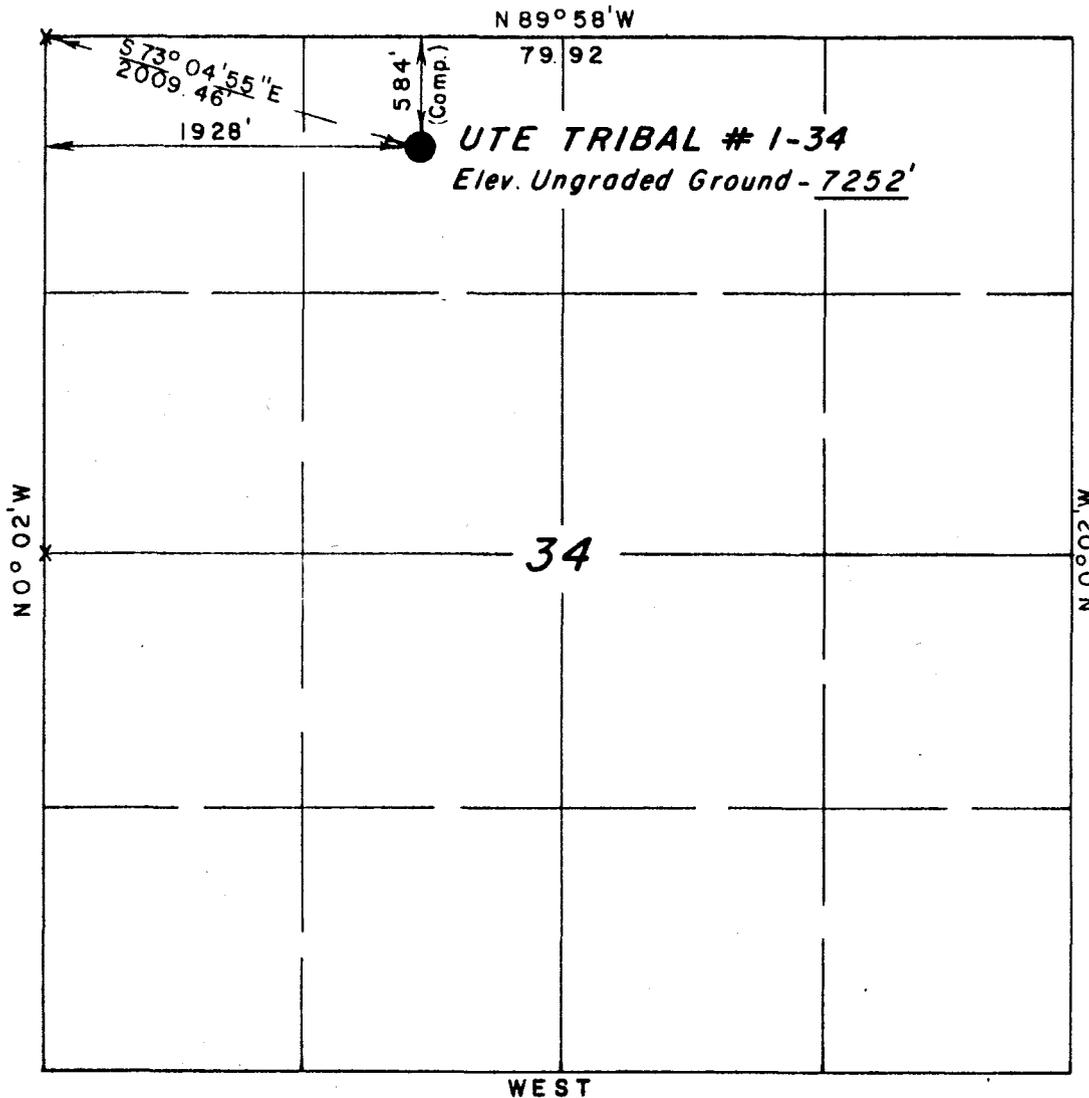
PROJECT

GULF OIL CORPORATION

Well location, *UTE TRIBAL # 1-34*,
located as shown in the NE 1/4 NW1/4
Section 34, T4S, R6W, U.S.B. & M.
Duchesne County, Utah.

NOTE:

Basis of bearings is a sun shot taken
near the West line of section 34, T4S,
R6W, U.S.B. & M.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE
BEST OF MY KNOWLEDGE AND BELIEF.

Richard J. ...
REGISTERED LAND SURVEYOR
REGISTRATION NO 2454
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P. O. BOX Q - 110 EAST - FIRST SOUTH
VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 8 / 8 / 78
PARTY NM HM LR RP	REFERENCES GLO Plat
WEATHER Fair	FILE GULF OIL CORP

X = Section Corners Located

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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
Gulf Oil Corporation

3. ADDRESS OF OPERATOR c/o Environmental Engineering Company
1720 South Poplar, Suite 5, Casper, Wyoming 82601

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface
584' FNL & 1,928' FWL, Sec. 34, T. 4 S., R. 6 W., Uinta Mer.
At proposed prod. zone
Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
13.2 miles southwest of Duchesne, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 584'

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. - -

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
7,252' GR

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
20 1/2"	16"	65# H-40	60'	75 sacks
12 1/4"	9 5/8"	36# K-55	1,000	425 sacks
8 3/4"	7"	26# K-55	5,900	500 sacks
6"	5"	18# N-80	8,000'-(5,800')	cement to top

1. Drill 20 1/2" hole to 60' and set 16" surface pipe with 75 sacks.
2. Drill 12 1/4" hole to 1,000' and set 9 5/8" casing with 425 sacks.
3. Drill 8 3/4" hole to 5,900' and set 7" casing with 500 sacks.
4. Drill 6" hole to T.D. and hang 5" liner from 5,800' to T.D. and cement to top

Exhibits Attached

- A. Location and Elevation Plat
- B. Ten-point Compliance Program
- C. Blowout Preventer Diagram
- D. Multipoint Surface Use Plan
- E. Access Road Map
- F. Topographic Map
- G. Drill Pad & Drill Rig and Production Facilities

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 [Signature] TITLE Area Drilling Sup't DATE Aug. 14, 1978

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

5. LEASE DESIGNATION AND SERIAL NO.
14-20-H62-1893

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Ute Tribe

7. DEED AGREEMENT NAME
None

8. FARM OR LEASE NAME
None

9. WELL NO.
1-34 Ute Tribal

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M. OR BLM. AND SURVEY OR AREA.
NE1/4 Sec. 34 T4S-R6W.,
Uinta Meridian

12. COUNTY OR PARISH
Duchesne

13. STATE
Utah

16. NO. OF ACRES IN LEASE
640.00

17. NO. OF ACRES ASSIGNED TO THIS WELL
40

19. PROPOSED DEPTH
8,000'

20. ROTARY OR CABLE TOOLS
Rotary

22. APPROX. DATE WORK WILL START*
September 1, 1978

STATE OF UTAH
DIVISION OF OIL, GAS, AND MINING

** FILE NOTATIONS **

Date: Aug. 16-

Operator: Gulf Oil

Well No: Ute Tribal 1-34

Location: Sec. 34 T. 4S R. 6W County: DeChase

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

API Number: 43-013-30459

CHECKED BY:

Administrative Assistant: AW

Remarks: No other wells in Sec. 34

Petroleum Engineer: OK [Signature]

Remarks:

Director: _____

Remarks:

INCLUDE WITHIN APPROVAL LETTER:

Bond Required: Survey Plat Required:

Order No. _____ Surface Casing Change to _____

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

O.K. Rule C-3 O.K. In _____ Unit

Other:

Letter Written/Approved



SCOTT M. MATHESON
Governor

OIL, GAS, AND MINING BOARD

GORDON E. HARMSTON
Executive Director,
NATURAL RESOURCES

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES

I. DANIEL STEWART
Chairman

CLEON B. FEIGHT
Director

DIVISION OF OIL, GAS, AND MINING

CHARLES R. HENDERSON
JOHN L. BELL
THADIS W. BOX
C. RAY JUVELIN

1588 West North Temple
Salt Lake City, Utah 84116
(801) 533-5771

August 17, 1978

Gulf Oil Corporation
c/o Environmental Engineering Co.
1720 South Poplar
Suite 5
Casper, Wyoming 82601

Re: Well No's:
Ute Tribal 1-28
Sec. 28, T. 4 S, R. 6 W,
Ute Tribal 1-29
Sec. 29, T. 4 S, R. 6 W,
Ute Tribal 1-34
Sec. 34, T. 4 S, R. 6 W,
Duchesne County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to well(s) is hereby granted in accordance with Rule C-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:

PATRICK L. DRISCOLL - Chief Petroleum Engineer
HOME: 582-7247
OFFICE: 533-5771

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling.

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 numbers assigned to these wells are: 1-28: 43-013-30457, 1-29: 43-013-30458, and 1-34: 43-013-30459.

Very truly yours,

CLEON B. FEIGHT
Director

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

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.)

5. LEASE DESIGNATION AND SERIAL NO.

14-20-H62-1893

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Ute Tribe

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.

1-34 Ute Tribal

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., E., M., OR BLK. AND SURVEY OR AREA

NE/4 NW/4 Section 34-4S-6U
Uinta Meridian

12. COUNTY OR PARISH 13. STATE

Duchesne

Utah

1. OIL WELL GAS WELL OTHER Not to be drilled.

2. NAME OF OPERATOR
Gulf Oil Corporation

3. ADDRESS OF OPERATOR
P. O. Box 2619, Casper, Wyoming 82602

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface

584' FNL and 928' FWL Sec. 34

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

7252' 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

PULL OR ALTER CASING

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREAT

MULTIPLE COMPLETE

FRACTURE TREATMENT

ALTERING CASING

SHOOT OR ACIDIZE

ABANDON*

SHOOTING OR ACIDIZING

ABANDONMENT*

REPAIR WELL

CHANGE PLANS

(Other)

(Other)

(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.)*

Please refer to application to drill for above well approved 9-9-78.
Well not to be drilled.



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

SIGNED Robert A. Steinham

TITLE Area Dir'l Suptd.

DATE October 27, 1978

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

G.P.O. : 1973- 780-622 /VIII- 148

USGS
8440 Federal Bld.
125 So. State Street
Salt Lake City, Utah 84138

Utah Dept. of Natural Resources
Division of Oil, Gas, & Mining
1588 West North Temple
Salt Lake City, Utah 84116

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form 9-329 Rev. Feb 76
OMB 42-RO356

MONTHLY REPORT
OF
OPERATIONS

Lease No. 14-20-H62-1893
 Communitization Agreement No. N/A
 Field Name Undesignated
 Unit Name N/A
 Participating Area N/A
 County Duchesne State Utah
 Operator Gulf Oil Corporation

Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of October, 1978

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Gallons of Water	Remarks
1	NE NW34	4S	6W	DRG					WELL WILL NOT BE DRILLED! FINAL REPORT!
3 -	USGS, SLC								
2 -	Utah Oil & Gas Cons. Comm., SLC								
1 -	DeGolyer and MacNaughton								
1 -	W.A. Moncrief								
1 -	OC								
2 -	File								
									UTE 1-34A2

*If none, so state.

Disposition of production (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLs)	Gas (MCF)	Water (BBLs)
*On hand, Start of Month	_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Produced	_____	_____	_____
*Sold	_____	_____	XXXXXXXXXXXXXXXXXXXX
*Spilled or Lost	_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXXXX	_____	XXXXXXXXXXXXXXXXXXXX
*Used on Lease	_____	_____	XXXXXXXXXXXXXXXXXXXX
*Injected	_____	_____	_____
*Surface Pits	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	_____
*Other (Identify)	_____	_____	_____
*On hand, End of Month	_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*API Gravity/DTU Content	_____	_____	XXXXXXXXXXXXXXXXXXXX

Authorized Signature: Mrs. L. Wood
 Title: SENIOR CLERK

Address: P.O. Box 2619, Casper, WY 82602

Form 9-329 Rev. Feb 76
OMB 42-R0356

Communitization Agreement No. N/A
Field Name Undesignated
Unit Name N/A
Participating Area N/A
County Duchesne State Utah
Operator Gulf Oil Corporation

MONTHLY REPORT
OF
OPERATIONS

Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of
September, 19 78

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	Barrels of Oil	MCF of Gas	Barrels of Water	Remarks
1	NE NW34	4S	6W	DRG					Build location WORT
3 -	USGS, SLC								
2 -	Utah Oil & Gas Cons. Comm.			SLC					
1 -	DeGolyer and MacNaughton								
1 -	W.A. Moncrief								
1 -	OC								UTE 1-34A2

*If none, so state.

2 - File Disposition of production (Lease, Participating Area, or Communitized Area basis)

Oil & Condensate (BBLs)

Gas (MCF)

Water (BBLs)

*On hand, Start of Month	_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Produced	_____	_____	_____
*Sold	_____	_____	XXXXXXXXXX
*Spilled or Lost	_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXXXX	_____	XXXXXXXXXXXXXXXXXXXX
*Used on Lease	_____	_____	XXXXXXXXXXXXXXXXXXXX
*Injected	_____	_____	_____
*Surface Pits	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	_____
*Other (Identify)	_____	_____	_____
*On hand, End of Month	_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*API Gravity/DTU Content	_____	_____	XXXXXXXXXXXXXXXXXXXX

Authorized Signature: Meske L. Wood
Title: _____ Senior Clerk _____

Address: P.O. Box 2619
Casper, Wyoming 82602
(307)-235-1311

EA No. 1325

United States Department of the Interior
Geological Survey
8440 Federal Building
Salt Lake City, Utah 84138

Usual Environmental Analysis

Lease No. 14-20-H62-1893

Operator Gulf Oil Corporation

Well No. 1-34

Location 584' FNL & 1928' FWL

Sec. 34

T. 4S

R. 6W

County Duchesne

State Utah

Field Unnamed (Wildcat)

Status: Surface Ownership Private

Minerals Tribal (Ute)

Joint Field Inspection Date 8-29-78

Participants and Organizations:

George Diwachak

USGS - SLC

Lynn Hall

BIA - Ft. Duchesne

Prudy Daniels

BIA - Ft. Duchesne

Ed Haymaker

Environmental Engineering Co.

Emmitt Booher

Gulf Oil Corporation

Nelson Marshall

Uintah Engineering Co.

Jack Skewes

Contractor

Related Environmental Analyses and References:

- (1) *Uintah and Ouray Agency Environmental Impact Analysis, Ute 1-34*
- (2)

Analysis Prepared by:

George Diwachak
Environmental Scientist
Salt Lake City, Utah

Date 8-29-78

DOGMA

Proposed Action:

On 8-14-78, Gulf Oil Corporation filed an Application for Permit to Drill the No. 1-34 exploratory development well, ~~0141~~ 8000-foot oil test of the Douglas Creek and Wasatch Formation; located at an elevation of 7252 ft. in an unnamed field on Tribal mineral lands and private surface; ~~Lease~~ No. 14-20-H62-1893. There was no objection raised to the wellsite nor to the access road.

A rotary rig would be used for the drilling. An adequate casing and cementing program is proposed. Fresh-water sands and other mineral-bearing formations would be protected. A Blowout Preventer would be used during the drilling of the well. The proposed pressure rating should be adequate. Details of the operator's NTL-6 10-Point Subsurface and 13-Point Surface Protection Plans are on file in the U.S.G.S. District Office in Salt Lake City, Utah and the U.S.G.S. Northern Rocky Mountain Area Office in Casper, Wyoming.

A working agreement has been reached with R. J. Pinder, the controlling surface owner. Rehabilitation plans would be decided upon as the well neared completion; the Surface Management Agency would be consulted for technical expertise on those arrangements.

The operator proposes to construct a drill pad 185 ft. wide x 300 ft. and a reserve pit 100 ft. x 150 ft. ~~A~~ A new access road will be constructed 16 ft. wide x 0.3 miles long and upgrade 16 ft. wide by 3.1 miles access road from an existing and improved road. ~~A~~ The operator proposes to construct production facilities on disturbed area of the proposed drill pad. *(Detail plan not submitted)*

If production is established, plans for a gas flow line will be submitted to the appropriate agencies for approval. The anticipated starting date is when APD is approved and duration of drilling activities would be about 60 days.

Location and Natural Setting:

The proposed drillsite is approximately 13 miles southwest of Duchesne, Utah, the nearest town. A fair road runs to within 0.3 miles of the location. This well is a wildcat in an unnamed field.

The proposed location is situated on a flat ridgetop flanked on two sides by steep canyon walls.

Geology:

The surface geology is Uintah formation. The soil is shaly loam with shale fragments. ~~4~~No geologic hazards are known near the drillsite~~4~~. Seismic risk for the area is minor. Anticipated geologic tops are filed with the 10-Point Subsurface Protection Plan.

Approval of the proposed action would be conditioned that adequate and sufficient electric/radioactive/density logging surveys would be made to locate and identify any potential mineral resources. Production casing and cementing would be adjusted to assure no influence of the hydrocarbon zones through the well bore on these minerals. In the event the well is abandoned, cement plugs ~~will~~ ^{would} be placed with drilling fluid in the hole to assure protection of any mineral resources.

The potential for loss of circulation would exist and is possible in the sandstone. Loss of circulation may result in the lowering of the mud levels, which might permit exposed upper formations to blow out or to cause formation to slough and stick to drill pipe. A loss of circulation would result in contamination due to the introduction of drilling muds, mud chemicals, filler materials, and water deep into the permeable zone, fissures, fractures, and caverns within the formation in which fluid loss is occurring. The use

of special drilling techniques, drilling muds, and lost circulation materials may be effective in controlling lost circulation.

A geologic review of the proposed action has been furnished by the Area Geologist, U. S. Geological Survey, Salt Lake City, Utah. The operator's drilling, cementing, casing and blowout prevention programs have been reviewed by the Geological Survey engineers and determined to be adequate.

Soils:

No detailed soil survey has been made of the project area. The top soils in the area range from a sandy clay to a clay type soil. The soil is subject to runoff from rainfall and has a high runoff potential and sediment production would be high. The soils are mildly (to moderately) alkaline and support the pinyon juniper association.

Top soil would be removed from the surface and stockpiled. The soil would be spread over the surface of disturbed areas when abandoned to aid in rehabilitation of the surface. Rehabilitation is necessary to prevent erosion and encroachment of undesired species on the disturbed areas. The operator proposes to rehabilitate the location and access roads per the recommendations of the Bureau of ~~Land Management~~ *Indian Affairs or private surface owner.*

Approximately 2.5 acres of land would be stripped of vegetation. This would increase the erosional potential. Proper construction practice, construction of water bars, reseeding of slope-cut area would minimize this impact.

Air:

No specific data on air quality is available at the proposed location. There would be a minor increase in air pollution due to emissions from rig and

support traffic engines. Particulate matter would increase due to dust from travel over unpaved dirt roads. The potential for increased air pollution due to leaks, spills, and fire would be possible.

Relatively heavy traffic would be anticipated during the drilling-operations phase, increasing dust levels and exhaust pollutants in the area. If the well was to be completed for production, traffic would be reduced substantially to a maintenance schedule with a corresponding decrease of dust levels and exhaust pollutants to minor levels. If the project results in a dry hole, all operations and impact from vehicular traffic would cease after abandonment. Due to the limited number of service vehicles and limited time span of their operation, the air quality would not be substantially reduced.

Toxic or noxious gases would not be anticipated.

Precipitation:

Annual rain fall should range from about 8 to 11" at the proposed location. The majority of the numerous drainages in the surrounding area are of a non-perennial nature flowing only during early spring runoff and during extremely heavy rain storms. This type of storm is rather uncommon as the normal annual precipitation is around 8"

Winds are medium and gusty, occurring predominately from west to east. Air mass inversions are rare.

The climate is semi-arid with abundant sunshine, hot summers and cold winters with temperature variations on a daily and seasonal basis.

Surface Water Hydrology:

Drainage from the proposed location is toward Skitz Canyon Creek, an intermittent watercourse that flows in response to spring runoff and heavy rainfall toward Starvation Reservoir (Strawberry River).

Some additional erosion would be expected in the area since surface vegetation would be removed. If erosion became serious, drainage systems such as water bars and dikes would be installed to minimize the problem.

The proposed project should have minor impact on the surface water systems.

The potentials for pollution would be present from leaks or spills. The operator is required to report and clean-up all spills or leaks.

Ground Water Hydrology:

Some minor pollution of ground water systems would occur with the introduction of drilling fluids (filltrate) into the aquifer. This is normal and unavoidable during rotary drilling operations. The potential for communication, contamination and commingling of formations via the well bore would be possible. The drilling program is designed to prevent this. There is need for more data on hydrologic systems in the area and the drilling of this well may provide some basis information as all shows of fresh water would be reported. Water production with the gas would require disposal of produced water per the requirements of NTL-2B.

The depths of fresh water formations are listed in the 10-Point-Subsurface Protection Plan.

There would be no tangible effect on water migration in fresh-water aquifers. The pits would be unlined. If fresh water should be available from the well, the owner or surface agency may request completion as a water well is given approval.

Potential for water in Green River formation @ 1004'. Surface casing may require adjustment if fresh water is encountered.

Vegetation:

The location vegetation consists of planted grasses for grazing. Natural vegetation consists of the Pinyons-Juniper association, however the area was chained in the past to allow better livestock browse. Some pinyon-juniper and native grasses have begun to establish themselves.

Proposed action would remove about 2.5 acres of vegetation. Removal of vegetation would increase the erosional potential and there would be a minor decrease in the amount of vegetation available for grazing. The operator proposes to rehabilitate the surface upon completion of operations.

Wildlife:

A regional animal and plant inventory has been made by the BLM. No endangered plants or animals are known to habitat on the project area. The fauna of the area consists predominatly of the mule deer, coyotes, rabbits, and varieties of small ground squirrels and other types of rodents and various types of reptiles. The area is used by man for the primary purpose of grazing domestic livestock and sheep.

The birds of the area are raptors, finches, ground sparrows, magpies, crows, and jays.

Social-Economic Effect:

An on the ground surface archaeological reconnaissance would be required prior to approval of the proposed action. Appropriate clearances would then be obtained from the surface managing agency. If a historic artifact, an archaeological feature or site is discovered during construction operations, activity would cease until the extent, the scientific importance, and the method of mitigating the adverse effects could be determined by a qualified cultural resource specialist.

There are no occupied dwellings or other facilities of this nature in the general area. Minor distractions from aesthetics would occur over the lifetime of the project and is judged to be minor. All permanent facilities placed on the location would be painted a color to blend in with the natural environment. Present use of the area is grazing, recreation, and oil and gas activities.

Noise from the drilling operation may temporarily disturb wildlife and people in the area.

Noise levels would be moderately high during drilling and completion operations. Upon completion, noise levels would be infrequent and significantly less. If the area is abandoned, noise levels should return to pre-drilling levels.

The site is not visible from any major roads. After drilling operations, completion equipment would be visible to passersby of the area but would not present a major intrusion.

The economic effect of one well would be difficult to determine. The overall effect of oil and gas drilling and production activity are significant in Duchesne County.

But should this well discover a significant new hydrocarbon source, local, state and possibly national economics might be improved. In this instance, other development wells would be anticipated, with substantially greater environmental and economic impacts.

Should the wellsite be abandoned, surface rehabilitation would be done according to the surface owner's requirements and to USGS's satisfaction. This would involve leveling, contouring, reseeding, etc., of the location and possibly the access road. If the well should produce hydrocarbons, measures would be undertaken to protect wildlife and domestic stock from the production equipment.

The land is used for livestock and wildlife grazing.

There are no national, state, or local parks, forests, wildlife refuges or ranges, grasslands, monuments, trails or other formally designated recreational facilities near the proposed location.

Waste Disposal:

The mud and reserve pits would contain all fluids used during the drilling operations.

A trash pit would be utilized for any solid wastes generated at the site and would be buried at the completion of the operations. Sewage would be handled according to State sanitary codes. For further information, see the 13-Point Surface Plan.

Alternatives to the Proposed Action:

1) NOT APPROVING THE PROPOSED PERMIT -- THE OIL AND GAS LEASE GRANTS THE LESSEE EXCLUSIVE RIGHT TO DRILL FOR, MINE, EXTRACT, REMOVE AND DISPOSE OF ALL OIL AND GAS DEPOSITS.

Under leasing provisions, the Geological Survey has an obligation to allow mineral development if the environmental consequences are not too severe or irreversible. Upon rehabilitation of the site, the environmental effects of this action would be substantially mitigated, if not totally annulled. Permanent damage to the surface and sub-surface would be prevented as much as possible under U.S.G.S. and other controlling agencies' supervision with rehabilitation planning reversing almost all effects. Additionally, the growing scarcity of oil and gas should be taken into consideration. Therefore, the alternative of not proceeding with the proposed action at this time is rejected.

2) Minor relocation of the wellsite and access road or any special, restrictive stipulations or modifications to the proposed program would not significantly reduce the environmental impact. There are no severe vegetative, animal or archaeological-historical-cultural conflicts at the site. Since only a minor impact on the environment would be expected, the alternative of moving the location is rejected. At abandonment, normal rehabilitation of the area such as contouring, reseeding, etc., would be undertaken with an eventual return to the present status as outlined in the 13-Point Surface Plan.

Adverse Environmental Effects Which Cannot Be Avoided:

Surface disturbance and removal of vegetation from approximately 2.5 acres of land surface for the lifetime of the project which would result in increased and accelerated erosional potential. Grazing would be eliminated in the disturbed areas and there would be a minor and temporary disturbance of wildlife and livestock. Minor induced air pollution due to exhaust emissions from rig engines of support traffic engines would occur. Minor increase in dust pollution would occur due to vehicular traffic associated with the operation. If the well is a gas producer, additional surface disturbance would be required to install production pipelines. The potential for fires, leaks, spills of gas, oil or water would exist. During the construction and drilling phases of the project, noise levels would increase. Potential for sub-surface damage to fresh water aquifers and other geologic formations exists. Minor distractions from aesthetics during the lifetime of the project would exist. If the well is a producer, an irreplaceable and irretrievable commitment of resources would be made. Erosion from the site would eventually be carried as sediment ^{to} Starvation Reservoir. The potential for pollution to Skitzzy Canyon Creek would exist through leaks and spills.

Determination:

This requested action does not constitute a major Federal action significantly affecting the environment in the sense of NEPA, Sec. 102 (2)(C).



ACTING District Engineer
U. S. Geological Survey
Conservation Division
Oil and Gas Operations
Salt Lake City District