

FILE NOTATIONS

Entered in NID File
Location Map Pinned
Card Indexed
(Handwritten checkmarks are present next to the dots)

Checked by Chief P.W.B...
Approval Letter 9-16-71
Disapproval Letter

COMPLETION DATA:

Date Well Completed

Location Inspected

DW..... WW..... TA.....

Bond released

GW..... OS..... PA.....

State or Fee Land

LOGS FILED

Driller's Log.....

Electric Logs (No.)

E..... I..... Dual I Lat..... GR-N..... Micro.....

BHC Sonic CR..... Lat..... Mi-L..... Sonic.....

CBLog..... CCLog..... Others.....

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO.
14-20-256-612

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Ute Tribe

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Brinkerhoff Ute Tribal

9. WELL NO.
32-1

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 32, T3S, R5W

12. COUNTY OR PARISH
Duchesne

13. STATE
Utah

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
Brinkerhoff Drilling Company, Inc.

3. ADDRESS OF OPERATOR
870 Denver Club Building, Denver, Colorado 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
 At surface
724' FSL, 1693' FEL (SW/4SE/4)
 At proposed prod. zone **NESWSE**

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)
724'

16. NO. OF ACRES IN LEASE
320

17. NO. OF ACRES ASSIGNED TO THIS WELL
280

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

19. PROPOSED DEPTH
8900'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
5723' GR

22. APPROX. DATE WORK WILL START*
September 30, 1971

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13-3/4"	10-3/4" 10-3/4"	40.5	1000'	600 Sx
9-7/8"	7-5/8"	26.4	7700'	900 Sx

We propose to drill a 13-3/4" hole to approximately 1000' and set 10-3/4" casing cemented to surface and drill a 9-7/8" hole to 7700' and run 7-5/8" casing. We propose to drill a 6-3/4" hole to penetrate 1200' of Wasatch Formation estimated at 8900'. Electric logs will be run to total depth and all shows and important zones will be tested after logging and running casing. If commercial production is found in the Wasatch Formation, a 5-1/2" liner will be run from above the 7-5/8" casing to total depth. If the well results in a dry hole, it will be plugged and abandoned according to instructions from USGS.

- ① Unatholon - Rule C-3
- ② Not in Allamont Special Area Case 1349
- ③ Need BOP data & testing procedures
- ④ same as 34-1

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 *M.H. Brinkerhoff* TITLE Vice President DATE 9/14/71

(This space for Federal or State office use)
 PERMIT NO. 43-013-30077 APPROVAL DATE _____

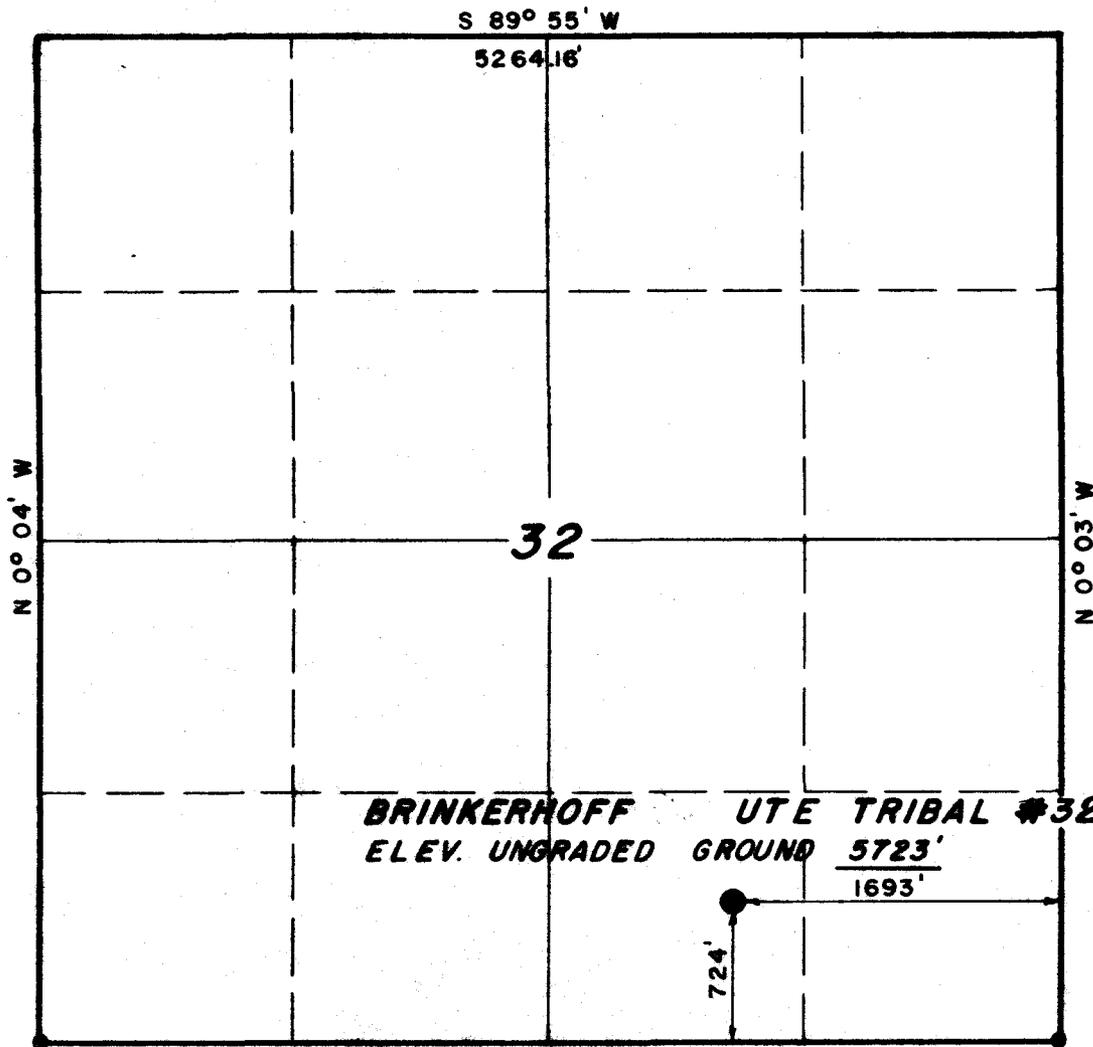
APPROVED BY _____ TITLE _____ DATE _____
 CONDITIONS OF APPROVAL, IF ANY:

T3S, R5W, U.S.B.&M.

PROJECT

BRINKERHOFF DRILLING COMPANY

Well location, **BRINKERHOFF UTE TRIBAL #32-1**, located as shown in the SW 1/4 SE 1/4 Section 32, T3S, R5W, U.S.B.&M. Duchesne County, Utah.



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.

Jane Stewart

REGISTERED LAND SURVEYOR
REGISTRATION NO 3154
STATE OF UTAH

O = Section Corners Located

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

SCALE 1" = 1000'	DATE 1 Sept., 1971
PARTY G.S. L.D.T. H.M.	REFERENCES GLO Plat
WEATHER Warm	FILE BRINKERHOFF DRILLING

September 14, 1971

United States Geological Survey
District Office
8416 Federal Building
Salt Lake City, Utah 84111

Attention: Gerald R. Daniels

Re: Brinkerhoff Ute Tribal #32-1
Sec. 32, T-3S, R-5W
Brinkerhoff Ute Tribal #34-1
Sec. 34, T-3S, R-5W
Duchesne County, Utah

Gentlemen:

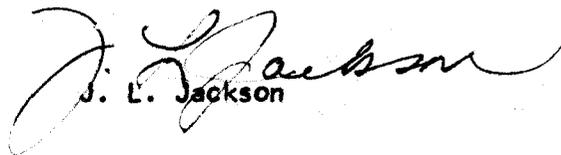
Enclosed are Applications for Permits to Drill the above referenced wells submitted in triplicate. The leases are owned by Gulf Oil Corporation, and Designation of Operator are submitted herewith in triplicate on each lease designating Brinkerhoff Drilling Company, Inc. as Operator of the two leases.

Survey plats are attached and you will note that Well #32-1 has been staked closer than 1320' to the exterior boundary of the section. It was necessary to stake the location in the SW/4SE/4 of Section 32 since the northern portion of the section is covered by water from the Starvation Reservoir.

Copies of the enclosed applications and survey plats are being furnished to the Utah Oil and Gas Conservation Commission.

Yours very truly,

BRINKERHOFF DRILLING COMPANY, INC.


J. L. Jackson

JLJ:jk

Enclosures

✓ CC: State of Utah W/Copies of Applications and Survey Plats
Division of Oil & Gas Conservation
1588 West North Temple
Salt Lake City, Utah 84116

DESIGNATION OF OPERATOR

Ute Tribe of Indians

The undersigned is, on the records of the ~~Bureau of Land Management~~ Bureau of Land Management, holder of lease

DISTRICT LAND OFFICE: Fort Duchesne, Utah 84026
SERIAL No.: 14-20-462 - 612

and hereby designates

NAME: Brinkerhoff Drilling Co., Inc.,
ADDRESS: 870 Denver Club Building
Denver, Colorado 80202

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Operating Regulations with respect to (describe acreage to which this designation is applicable):

S/2 S/2 and N/2 SE/4 and SE/4 NE/4 Section 32-3S-5W, UM
Duchesne County, Utah

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the supervisor of any change in the designated operator.

GULF OIL CORPORATION

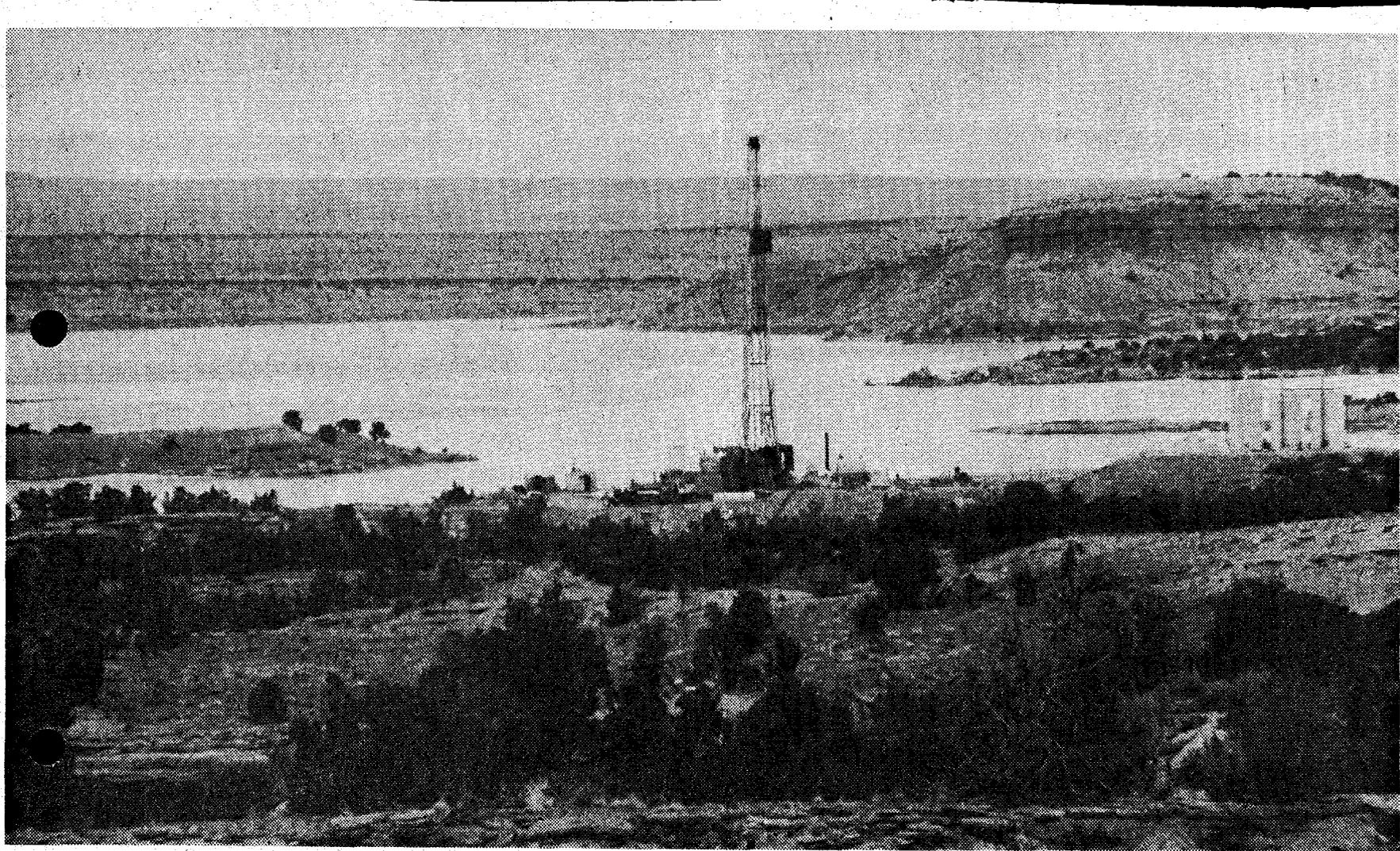
By T.A. Weirich
P.A. Weirich (Signature of lessee) Attorney in Fact

600 Oklahoma Mortgage Building
Oklahoma City, Oklahoma 73102

September 9, 1971

(Date)

(Address)



As seen from U.S. 40, an oil-drilling rig rests some 50 yards from the shore of Starvation Reservoir, causing concern for some that oil may someday find its way into lake. Brinkerhoff Drilling says spillage will be no danger at the approved site.

Oil Wells Near Starvation Reservoir Spark Apprehension Among Utahns

Special to The Tribune

DUCHESNE — On the south shore of the newly filled Starvation Reservoir, the junipers and pinon pines have been joined by eight oil wells . . . one so close to the water that it has raised serious concerns for the possible ruining of the lake.

"We are now investigating the legal and physical alternatives, as the wells came as a surprise to us," said Reed Black, chief of the irrigation division of the Central Utah Project, of which Starvation is a part.

He said the major concern is the possibility of oil getting into the lake, along with any effects on operation of the reservoir and aesthetic effects on the lake-shore.

Subleased Land

The field was drilled during the past six weeks by the Brinkerhoff Drilling Co. of Denver, which subleased the land from the Gulf Oil Co., which originally was granted a lease by the Ute Indian Tribe.

The lease was granted 10 years ago long before construction on the Starvation Dam even began, according to Rex Curry, director of resources for the tribe. "Jan. 25 was the last day for them to produce oil to keep the lease; they got a well producing on the 23rd," he said.

Mr. Curry said much of the land surrounding and underneath the lake belongs to the tribe, but that the easement agreement with the Bureau of Reclamation calls for facilities on the shore to meet certain standards. "We rely on the United States Geologic Survey, which approved the well sites, along with the Bureau of Indian Affairs," he said.

The well in question is visible from U.S. 40 about five miles west of

Duchesne. It is located behind a dike which is between 5,709 and 5,720 feet above sea level, according to Mr. Black. He said the lake is now at 5,706 feet, and maximum capacity will be reached at 5,712 feet.

Another bureau spokesman suggested that whether the project should have had an environmental impact statement, as called for in the Environmental Protection Act, is "one of the questions we are looking at."

He added that an impact statement is now being prepared concerning the application of the Strawberry Water User's Assn. to grant oil leases on the surface of Strawberry Reservoir.

Leo Jackson, director of land management for Brinkerhoff, said, "We do plan to co-operate with the Bureau of Reclamation and Bureau of Indian Affairs — whether we can do everything they ask depends on what they ask."

He said plans are not final, but that the company intends to camouflage all the wells "to be as tasteful as possible."

Spills Would Congeal

Mr. Jackson said it is important to understand that the oil being pumped at Starvation is a liquid (its pourpoint) only at temperatures above 100 degrees. "If it were spilled, it would congeal into a paraffin," he said.

The oil comes from the ground at 150 degrees, but it has to be kept hot with boilers so it can be pumped into tank trucks, which haul the oil to refineries in the Salt Lake City area, according to Mr. Jackson. He added that the oil is light yellow rather than black.

Paul Burchell, chief petroleum engineer of the Utah State Division of Oil and Gas Conservation, said the state has insured that "maximum standards"

equipment would be used, to guard against spillage, and that the dike would contain any spilled oil.

Derricks Will Go

He added that the wells will be far less noticeable when the derricks that are needed only for drilling are torn down.

Mr. Black said the bureau has purchased an area of land on the lake shore for a boat ramp and recreation facility, which has been turned over for operation to the Division of Parks and Recreation.

Checks with the division, and the Division of Wildlife Resources, indicated that those bodies are "concerned" about a well so close to the lake, but that any course of action will have to be determined in meetings with the BIA and CUP.

Leo L. Brady, of the Central Utah Conservancy District, said his organization is "apprehensive" about the project, but that it was waiting to see what action CUP will take.

Other residents of Duchesne said they thought some of the bulldozing of vegetation at the drilling headquarters near the lake was unnecessary in light of the number of years it takes for the junipers and pinons to re-establish themselves.

Saturday, February 5, 1972

September 16, 1971

Brinkerhoff Drilling Company
870 Denver Club Building
Denver, Colorado 80202

Re: Well No. Ute Tribal #32-1
& Ute Tribal #34-1
Sec. 32-34, T. 3 S, R. 5 W,
Duchesne County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to wells is hereby granted. However, said approval is conditional upon the following:

1. As these locations are not within the area spaced under Cause No. 139-3/139-4 and are, therefore, unorthodox under our Rules and Regulations; it will be necessary for you to forward a written statement to this Division informing us that your company owns or controls all of the acreage within a 660' radius of the proposed tests and a request for topographical exceptions under Rule C-3(c), General Rules and Regulations and Rules of Practice and Procedure.
2. Notification of the blowout prevention equipment to be installed on said wells and subsequent testing procedures.
3. Due to the proximity of these locations to the Strawberry River and Starvation Reservoir, it will be necessary to follow strict safety procedures while drilling; and if completed as producers, you will be required to construct a firewall around the production facilities capable of handling 1 1/2 times the volume of the battery. This particular condition will also apply to your Ute Tribal #33-1 well located in Section 33.

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

PAUL W. BURCHELL - Chief Petroleum Engineer
HOME: 277-2890
OFFICE: 328-5771

This approval terminates within 90 days if the wells have not been spudded-in within said period.

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

The API numbers assigned to these wells are:

43-013-30077 - Ute Tribal #32-1
43-013-30078 - Ute Tribal #34-1

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

CLEON B. FEIGHT
DIRECTOR

CBF:sd

cc: U.S. Geological Survey
8416 Federal Building
Salt Lake City, Utah 84111

BRINKERHOFF DRILLING COMPANY, INC.

870 DENVER CLUB BUILDING
DENVER, COLORADO 80202

September 22, 1971

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

Attention: Cleon B. Feight
Director

Re: Ute Tribal #32-1
SWSE, Sec. 32-T3S-R5W
Ute Tribal #34-1
SENE, Sec. 34-T3S-R5W
Duchesne County, Utah

Gentlemen:

The above referenced locations are not within the area spaced under Cause No. 139-3/139-4 and we respectfully request exception to the spacing requirement under Rule C-3(c), General Rules and Regulations and Rules of Practice and Procedure, because of topographical conditions.

The following blowout prevention equipment will be installed on the wells:

- 1 - 10" Shaffer Type "B" Double Gate Hydraulic BOP (or equivalent)
- 1 - 10" Hydril GK BOP
- 1 - 10" Shaffer Rotating Drilling Head

Blowout equipment will be operated once each 24 hours and pressure tested at least once each week. All casings and blowout equipment will be pressure tested before drilling out cement after running the string of casing.

Strict safety procedures will be followed while drilling and/or completing the well. If the well is completed as a producer a firewall will be constructed around the production facilities capable of handling $\frac{1}{2}$ times the volume of the tank battery.

Yours very truly,

BRINKERHOFF DRILLING COMPANY, INC.


J. L. Jackson

JLJ:jk

CC: U.S. Geological Survey
8416 Federal Building
Salt Lake City, Utah 84111

Branch of Oil and Gas Operations
8416 Federal Building
Salt Lake City, Utah 84111

September 23, 1971

Brinkerhoff Drilling Company, Inc.
870 Denver Club Building
Denver, Colorado 80202

Re: Well No. 32-1, Ute Tribal
SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 32-3S-5W, USM
Lease 14-20-462-612

Well No. 34-1, Ute Tribal
SE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 34-3S-5W, USM
Lease 14-20-462-614

Gentlemen:

Enclosed are approved copies of the applications for permit to drill the referenced wells.

Your applications do not indicate the blowout prevention equipment that is to be used in drilling the wells. Please advise this office as to the type and pressure range of the equipment to be used and the testing procedures to be followed.

As you will be operating in an area where protection of the environment is of great concern, you are cautioned to be extremely careful with particular attention to sound oil field operating practices. In addition, you may wish to take any preventative measures that may be appropriate to the situation.

Sincerely yours,

Orig. /s/ Leo P. Kozola

Leo P. Kozola,
Acting District Engineer

cc: BIA, Fort Duchesne
State of Utah Div. O&G Cons
File

Branch of Oil and Gas Operations
8416 Federal Building
Salt Lake City, Utah 84111

December 22, 1971

Mr. J. L. Jackson
Brinkerhoff Drilling Company, Inc.
870 Denver Club Building
Denver, Colorado 80202

Re: Well No. 32-1, Brinkerhoff
Ute Tribal, SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 32,
T. 3 S., R. 5 W., U.S.M.
Duchesne County, Utah
Lease Tribal 14-20-462-612

Dear Mr. Jackson:

This is to confirm our telephone conversation of December 22, 1971.

Completion of a new reserve pit at the referenced location built to the specifications of Mr. Ray Smith, Bureau of Indian Affairs, Fort Duchesne, Utah, must be completed by 3:00 p.m. on December 23, 1971. The material in the existing reserve pit is to be removed and disposed of either by placing in the new pit or removing it from the location.

If the above work is not performed, it will be directed that all drilling operations be suspended until the work is accomplished.

Sincerely yours,

Gerald R. Daniels,
District Engineer

cc: Gulf Oil Corporation
P. O. Box 2619
Casper, Wyoming 82601

BIA, Fort Duchesne, Utah
Casper
State Div. O&G Cons.

✓

10

07
PMB

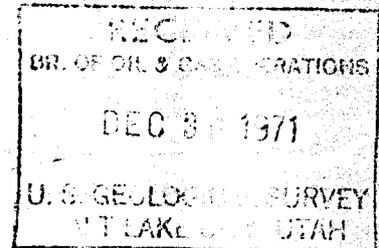
BRINKERHOFF DRILLING COMPANY, INC.

870 DENVER CLUB BUILDING
DENVER, COLORADO 80202

NEW ADDRESS
600 DENVER CLUB BLDG.
DENVER, COLORADO 80202

December 28, 1971

United States Department of the Interior
Geological Survey
Branch of Oil and Gas Operations
8416 Federal Building
Salt Lake City, Utah 84111



Attention: Mr. Gerald R. Daniels
District Engineer

Re: Well No. 32-1, Brinkerhoff
Ute Tribal, SW/4SE/4, Sec. 32,
T. 3 S., R. 5 W., U.S.M.
Duchesne County, Utah
Lease Tribal 14-20-462-612

Gentlemen:

Reference is made to your letter of December 22, 1971, regarding re-
building of reserve pit at the above referenced location. It is our
understanding that the work has been completed to the satisfaction
of Mr. Ray Smith of the Bureau of Indian Affairs and that he inspected
the location on the afternoon of December 23, 1971.

Please be assured that we will exercise extreme caution during the
drilling and completion and will make every attempt to comply with
regulations and instructions issued by both your office and that of
Bureau of Indian Affairs.

Yours very truly,

BRINKERHOFF DRILLING COMPANY, INC.


J. L. Jackson

JLJ:jk

CC: Gulf Oil Company
P. O. Box 2619
Casper, Wyoming 82601

State Div O&G Cons.

January 10, 1972

Brinkerhoff Drilling Company
600 Denver Club Building
Denver, Colorado

Re: Well No. Ute Tribal #32-1
Sec. 32, T. 3 S, R. 5 W, USM
Duchesne County, Utah

Gentlemen:

On Thursday, January 6, 1972, an inspection was made of the above referred to location and the overall check was considered acceptable.

At the time of the visit, your company was in the process of constructing tank battery facilities and unloading production casing. It is, therefore, assumed that this test will be completed as an oil-producing well. As said well is located adjacent to shores of the Starvation Reservoir, it is requested that extreme precautions be taken to prevent any possible oil spills from reaching the waters of the lake.

Further, it is recommended that all personnel working at the well site be alerted to this effect while they are conducting testing, workover, and production procedures. Should the well be successfully completed, fire walls must be constructed around the tanks which have the capacity of 1 1/2 times the volume of the battery.

Your cooperation with regard to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL AND GAS CONSERVATION

PAUL W. BURCHELL
CHIEF PETROLEUM ENGINEER

PWB:sd
cc: U.S. Geological Survey
Department of Natural Resources
Bureau of Indian Affairs

W

MB

BRINKERHOFF DRILLING COMPANY, INC.

NEW ADDRESS
600 DENVER CLUB BLDG. 870 DENVER CLUB BUILDING
DENVER, COLORADO 80202 DENVER, COLORADO 80202

January 21, 1972

Bureau of Indian Affairs
Uintah and Ouray Tribal Agency
Fort Duchesne, Utah 84026

Attention: Mr. Stanley D. Lyman, Agent in Charge

Re: Ute Tribal Well No. 32-1
Section 32, T 3 S, R 5 W
Duchesne County, Utah

Gentlemen:

There have been some comments as to the appearance of the Ute Tribal Well No. 32-1 with reference to its proximity to Starvation Reservoir and the affect it has had on the overall ecology of the area.

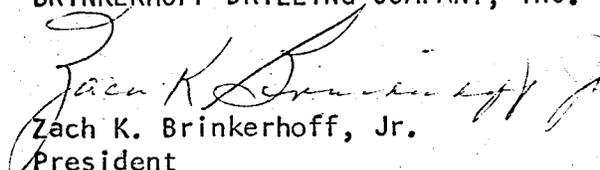
I have personally inspected the area and have concluded that as soon as the well has been completed and tested that there are a number of things we can undertake to camouflage the well, the tank battery and other equipment to improve the overall appearance of the area and to reduce to a minimum any objections to the affect said well may have with reference to the natural scenic beauty of the area.

You may assure your people that we will take prompt action to keep the area and its scenic beauty as close as possible to its original state.

If you have any suggestions in this connection, I will be glad to hear from you.

Sincerely yours,

BRINKERHOFF DRILLING COMPANY, INC.


Zach K. Brinkerhoff, Jr.
President

ZKBjr/jac

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved
Budget Bureau No. 43-2555.

5. LEASE DESIGNATION AND SERIAL NO.

14-20-462-412

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Ute Tribe

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Brinkerhoff Ute Tribal

9. WELL NO.

32-1

10. FIELD AND POOL, OR WILDCAT

Unknown

11. SEC. T. R. M. OR BLOCK AND SURVEY OR AREA

Sec. 32, T38, R5W

12. COUNTY OR PARISH

Duchesne

13. STATE

Utah

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 DEEP. RESERV. Other _____

2. NAME OF OPERATOR

Brinkerhoff Drilling Company, Inc.

3. ADDRESS OF OPERATOR

600 Denver Club Building, Denver, Colorado 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 724' FSL, 1693' FEL (SM/48E/4)

At top prod. interval reported below

At total depth

14. PERMIT NO.

43-013-3077

DATE ISSUED

9-16-71

15. DATE SPUDDED

12-13-72

16. DATE T.D. REACHED

1-17-72

17. DATE COMPL. (Ready to prod.)

1-22-72

18. ELEVATIONS (DF, REB, RT, GR, ETC.)*

5735' KB

19. ELEV. CASINGHEAD

5721'

20. TOTAL DEPTH, MD & TVD

7986' Driller

21. PLUG, BACK T.D., MD & TVD

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

8-79

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

7815'-7986' Wasatch

25. WAS DIRECTIONAL SURVEY MADE*

26. TYPE ELECTRIC AND OTHER LOGS RUN Schlumberger Dual Induction Laterolog and Formation Density Gamma Ray Log

27. WAS WELL CORED

No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
10-3/4"	40.50	929' KB	13-3/4"	685	None
7-5/8"	29.78 & 26.40	7786' KB	9-7/8"	420	None

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	771'	771'

31. PERFORATION RECORD (Interval, size and number)

open hole completion

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7815'-7986'	12,000 gal. 15% HCL acid

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or Shut-in)					
1-22-72	Flowing	Flowing					
DATE OF TEST	HOURS TESTED	CHOKER SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
1-23-72	24	16/64"	→	212	2,000	None	9450/1
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL. ✓	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
13750	04	→	212	2,000	None	51	

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

Flared

TEST WITNESSED BY

E. R. Allen

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

J. L. Jackson

TITLE

Landman

DATE

1-24-72

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

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws 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. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

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 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:
SHOW ALL IMPORANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL DOWN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

38. GEOLOGIC MARKERS

FORMATION	TOP		DESCRIPTION, CONTENTS, ETC.	BOTTOM	GEOLOGIC MARKERS		
	MEAS.	DEPTH			NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Utata Fm.	650'	670'	Flowing 3" stream of fresh water from shaly sand.		Utata Formation	Surf.	1230'
Green River- Wasatch Fm.	7815'	7986'	Open hole production test: Flowed 212 bbls. oil in 2 1/2 hours thru 1 1/2" chokes. 2,000 mscf/day gas @ 9450/1 Shutting pressure 13750		Green River Fm. Wasatch Fm.	1230' 7878'	7986' 79

JAN 27 1972

FORM OGC-8-X

FILE IN QUADRUPLICATE

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

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number Ute Tribal #32-1

Operator Brinkerhoff Drilling Company, Inc. Address 600 Denver Club Bldg. Phone 222-9733
Denver, Colorado 80202

Contractor Brinkerhoff Drilling Company, Inc. Address 600 Denver Club Bldg. Phone 222-9733
Denver, Colorado 80202

Location SW 1/4 SE 1/4 Sec. 32 T. 3 ~~XX~~ R. 5 ~~XX~~ Duchesne County, Utah
S W

Water Sands:

<u>Depth</u>		<u>Volume</u>	<u>Quality</u>
From	To	Flow Rate or Head	Fresh or Salty
1. 650'	670'	3" stream	fresh
2.			
3.			
4.			
5.			

(Continue on reverse side if necessary)

Formation Tops:

Uinta Formation	Surface to 1230'
Green River Formation	1230' - 7878'
Wasatch Formation	7878' - 7986'

Remarks:

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

cc: State Div. O&G Cons.
BIA, Fort Duchesne
Casper
File

W
Brinkerhoff Drilling Co. &
Gulf Oil Corporation

Re: Well 32-1 Brinkerhoff Ute Tribal
SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 32, T. 3 S., R. 5 W.,
U.S.M., Duchesne County, Utah
Lease 14-20-462-612

Gentlemen:

As you are no doubt aware, the proximity of the referenced well to the Starvation reservoir has created some unique problems. Due to the pressures at which the well is being produced, extra precautionary measures are in order to protect the lake from oil pollution.

The oil sample which was taken from the separator on January 24, 1972, appears to have a lower pour point than the 100°F. common to the general area. Please supply this office with any oil analyses you have made or have had made by an independent analytical laboratory.

In past conversations with representatives of Brinkerhoff Drilling Company this office has advised that the water level of the lake at surcharge capacity would be approximately 1 1/2 feet above the casinghead elevation (5,723 ft.). The actual surcharge lake level is approximately 5,718 ft. or about 5 ft. below the casinghead elevation.

Nevertheless, the well facility should be protected by a compacted earth fill dike. This dike should be arranged so that it will not collect surface drainage. It should be equipped with a sump at its lowest point to collect such precipitation as might accumulate so that the water may be pumped out.

The tank battery must be moved to a location south of Highway 40 and placed at a site which is as unobtrusive as possible. If possible to do so, the separator and gas flare should be located near the battery. A logical site

would be at your Well No. 5-1 location in Sec. 5, T. 4 W., T. 5 W.

The well must be equipped with a high-low pressure sensor in combination with an automatic shut-down control valve at the well head. The purpose of these controls would be to prevent a large discharge of oil in the event of equipment failure.

Due to the high value of the water stored in the lake, we must be furnished evidence of an indemnity agreement whereby you agree to indemnify the Central Utah Water Conservancy District and the Bureau of Reclamation for the loss of water stored in the reservoir in the event there is contamination by fluids from the well.

Please provide this office with a copy of your oil spill contingency plan. Said plan should provide information to your field personnel as to whom they should contact to obtain such things as earth moving equipment, material to soak up a spill on the ground and on the surface of the lake. The plan should also advise where to obtain the nearest equipment to remove a spill from the water surface. The plan should contain advice concerning the various Government agencies to be contacted. It is suggested that you contact the Denver office of the Environmental Protection Agency for aid in preparing the plan.

Please advise this office by February 15, 1972, concerning your plans to implement these procedures. Also please be advised that you have the right of appeal concerning any of the foregoing which you deem unreasonable. The Geological Survey does not have a formal appeal procedure for actions of the District Engineer. It is suggested that if you wish to appeal, that you contact the Oil and Gas Supervisor, Northern Rocky Mountain Region at Casper, Wyoming, on or before February 15, 1972.

Sincerely,

QUESTIONS

1. What is the elevation of the highest possible water level in the Starvation reservoir? 5723

2. Which agencies have jurisdiction of the land surface at the well location?

Bu. Rec. _____ Cent. Ut. Wtr. Cons. _____ BIA _____ State Div.

Pks. & Recreation X *except Indian Land* Fish and Wildlife. _____

3. What do the words "take area" mean?

4. Is there now any actual interference with the Bureau of Reclamation Starvation project?

5. Is there any interference with any actual project which is in progress either on the lake or associated with the lake? Fish and Wildlife _____

Div. Pks. & Recreation _____ Bu. Rec. _____ Cent. Ut. Wtr. Cons. _____

BIA _____ Tribe _____

6. Is the area within 1/2 mile on either side of the well considered the best recreational site along the lake shore? Is this area of average recreation potential? Is this area only of marginal recreation potential?

7. Of all prospectively valuable recreation areas along the lake shore, what percentage does the area 1/2 mile on either side of the well comprise?

8. Has there been any actual pollution of the lake to this point? _____

If so, please present a quantitative estimate of how much?

Brinkerhoff Drilling Co. &
Gulf Oil Company

Meeting @ 6:04
1:30 Monday
10:1 AM Tuesday - check Jerry

Re: Well 32-1 Brinkerhoff Ute Tribal
SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 32-3S-5W., U.S.M.
Duchesne County, Utah
Tribal Oil & Gas lease 14-20-462-612

Gentlemen:

As you are no doubt aware, the proximity of the referenced well to the Starvation reservoir has created some unique problems.

The most pressing problem is that the reservoir at surcharge capacity will have a water level elevation of 5718 ft. while the casinghead elevation is 5,723 ft.

~~When the reservoir is full to surcharge capacity, the casinghead will be under about ft. of water.~~ Therefore, there must be some sort of protective

measure taken. The Bureau of Reclamation has suggested that the entire well facility be enclosed in a protective dike. The elevation of such a dike would be ft. above the casinghead elevation. Reclamation suggests a compacted earth dike with a rip-rap facing on the lake side of the dike. Reclamation has consented to provide specifications for the dike. *Not necessary*

This office suggests that the well be equipped with a high-low pressure sensor in combination with automatic well shut-down controls. This would prevent a large discharge of oil from the well in the event of equipment failure.

Thank you for the copy of your letter of January 21, 1972, to the Bureau of Indian Affairs concerning the measures you will institute to minimize the scenic changes caused by the well. This office will contact the concerned agencies and advise you regarding their recommendations. It may be more desirable that you deal directly with those agencies. If so, I will advise you.

Gerald R. Daniels

January 19, 1972

The Superintendent
Uintah and Ouray Agency
Bureau of Indian Affairs
United States Department of the Interior
Fort Duchesne, Utah 84026

Re: Communitization Agreement
Brinkerhoff Drilling Company, Inc.
Operator
Section 32, T 3 S, R 5 W, USM
containing 640 acres
Duchesne County, Utah

Dear Sir:

Handed you herewith are the original and four (4) copies of the subject agreement for your execution and approval.

We respectfully request that you review this agreement at your earliest convenience for the following reasons:

1. The expiration date of the Tribal Lease, Tract I, is January 25, 1972.
2. Brinkerhoff Drilling Company, Inc. has reached a total depth of 7986' in its well on Tribal Lease 14-20-462-612, Tract I, and is presently preparing to test this well.

In reviewing this agreement, please be advised that Brinkerhoff earned its interest in the acreage committed by drilling and completing, as a producer, Well 33-1, Section 33, T 3 S - R 4 W. Completion date of this well on a Tribal Lease was November 24, 1971.

All working interest, royalty interest and overriding royalty interest owners have been invited to commit their interest to this agreement. These letters were sent certified mail, return receipt requested.

One hundred percent of the working interest is committed to the agreement.

One hundred percent of the overriding royalty interest is committed to this agreement.

The Superintendent - Uintah and Ouray Agency
Page 2
January 19, 1972

For your convenience in processing this agreement, we have attached to this letter a brief tabulation, showing by tracts, the committed interests.

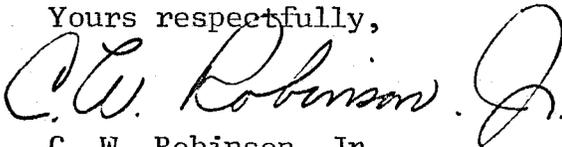
The authority for A. C. Godbold to execute on behalf of Gulf Oil Corporation is on file at your agency.

Again, may we respectfully request your prompt consideration and approval of this agreement for the reasons given above?

The approved company copy of the agreement should be returned to:

C. W. Robinson, Jr.
428 Patterson Building
Denver, Colorado 80202
(Phone Area 303-255-0411)

Yours respectfully,



C. W. Robinson, Jr.

CWR:ps

Section 32, T 3 S, R 5 W, USM

- Tract I - 280 acres
Working Interest Committed - 100%
Royalty Interest - The Ute Indian Tribe, et al
- Tract II - 80 acres
Working Interest Committed - 100%
Royalty Interest - The Ute Indian Tribe, et al
- Tract III - 65 acres
Working Interest Committed - 100%
Royalty Interest Committed - 100%
- Tract IV - 15 acres
Working Interest Committed - 100%
Royalty Interest - 7.50 net acres committed
- Tract V - 80 acres
Working Interest Committed - 100%
Royalty Interest - 62.00 net acres oil
56.00 net acres gas
- Tract VI - 80 acres
Working Interest Committed - 100%
Royalty Interest - 50.00 net acres oil
20.00 net acres gas
- Tract VII - 40 acres
Working Interest Committed - 100%
Royalty Interest Committed - 100%

All Tracts

Working Interest Committed - 100%

Brinkerhoff Working interest = 56.4453%
Gulf Working Interest = 43.5547%

COMMUNITIZATION AGREEMENT

THIS AGREEMENT entered into as of the 31st day of December, 1971, by and between the parties subscribing, ratifying or consenting hereto, such parties hereinafter being referred to as "Parties hereto",

W I T N E S S E T H :

WHEREAS, the Act of May 11, 1938, Chapter 198, Section 4, 52 Stat. 348, 25 U.S.C.A. 396d, requires that all operations under any oil and gas lease on Restricted Tribal Indian Lands shall be subject to the Rules and Regulations of the Secretary of the Interior, and the regulations issued pursuant to said statute, provide that in the exercise of his judgment, the Secretary of the Interior may take into consideration, among other things, the Federal laws, State laws, regulations by competent Federal or State authorities, or lawful agreements among operators regulating either drilling or production of both (25 C.F.R. 171.21 (a)); and

WHEREAS, drilling and spacing units have been ordered, entered as Cause No. 139-5, dated November 17, 1971, by the Board of Oil & Gas Conservation of the State of Utah for the Green River Formation, including Lower Green River transitional beds, and the Wasatch Formation in the lands hereinafter described; a copy of Cause No. 139-5 is attached hereto as part of Exhibit A; and

WHEREAS, it is deemed necessary, in the interest of conservation of natural resources and in the interest of lessors of Fee lands and of Restricted Tribal Indian Lands, to communitize or pool lands covered by the Restricted Tribal Indian oil and gas leases, or portions thereof, with other lands covered by Fee oil and gas leases, or portions thereof, when separate tracts under each lease cannot be independently developed and operated in conformity with the proposed spacing program or pattern for the area; and

WHEREAS, the parties hereto own working, royalty or other leasehold interests, or operating rights under the oil and gas leases and lands subject to this agreement which cannot be independently developed and operated in conformity with the aforesaid proposed well spacing program; and

WHEREAS, the parties hereto desire to communitize and pool their respective mineral interests in lands subject to this agreement for the purpose of developing and producing communitized substances in accordance with the terms and conditions of this agreement;

NOW, THEREFORE, in consideration of the premises and the mutual advantages to the parties hereto, it is mutually covenanted and agreed by and between the parties hereto as follows:

1.

The lands covered by this agreement (hereinafter referred to as "communitized area") are described as follows:

Township 3 South, Range 5 West, U.S.M.

Section 32: All

Containing 640.00 acres, more or less,
situated in Duchesne County, Utah;

Provided that this agreement shall include only the Green River Formation, including Lower Green River transitional beds, and Wasatch Formation underlying said lands and the crude oil and associated gas and associated hydrocarbons, referred to herein as "communitized substances", producible from such formations.

2.

Attached hereto, and made a part of this agreement for all purposes, is Exhibit A designating the operator of the communitized area and showing the acreage, percentage and ownership of oil and gas interests in all lands within the communitized area, and the authorization, if any, for communitizing or pooling any patented or fee lands within the communitized area.

Attached hereto, and made a part of this agreement for all purposes, is a plat designated as Exhibit B showing the communitized area.

3.

All matters of operation shall be governed by the Operator under and pursuant to the terms and provisions of this agreement. A successor operator may be designated by the owners of the working interest in the communitized area and four (4) executed copies of a designation of successor Operator shall be filed with the Oil and Gas Supervisor, United States Geological Survey.

4.

Operator shall furnish the Secretary of the Interior, or his authorized representative, with a log and history of any well drilled on the communitized area, monthly reports of operations, statements of oil and gas sales therefrom, and such other reports as are deemed necessary to compute monthly the royalty due Restricted Tribal Indian lessors, as specified in the applicable oil and gas operating regulations.

5.

The communitized area shall be developed and operated as an entirety, irrespective of any subsequent subdivision of the communitized area into more than one drilling and spacing unit, and all the parties hereto understand and agree that all communitized substances produced from the communitized area shall be allocated among the leaseholds comprising said area in the proportion that the acreage interest of each leasehold bears to the entire acreage interest committed to this agreement.

6.

The royalties payable on communitized substances allocated to the individual leases comprising the communitized area and the rentals provided for in said leases shall be determined and paid on the basis prescribed in each of the individual leases. Payments of rentals under the terms of leases subject to this agreement shall not be affected by this agreement except as provided for under the terms and provisions of said leases or as may be otherwise provided in this agreement. Except as herein modified and changed, the oil and gas leases subject to this agreement shall remain in full force and effect as originally made and issued.

7.

There shall be no obligation on the lessees to offset any well or wells completed in the same formation as covered by this agreement on separate component tracts into which the communitized area is now or may hereafter be divided, nor shall any lessee be required to measure separately communitized substances by reason of the diverse ownership thereof, but the lease owners hereto shall not be released from their obligation to protect said communitized area from drainage of communitized substances by a well or wells which may be drilled offsetting said area.

8.

The commencement, completion, continued operation or production of a well or wells for communitized substances on the communitized area shall be construed and considered as the commencement, completion, continued operation or production on each and all of the lands within and comprising said communitized area, and operations or production pursuant to this agreement shall be deemed to be operations or production as to each lease committed hereto.

9.

Production of communitized substances and disposal thereof shall be in conformity with allocation, allotments and quotas made or fixed by any duly authorized person or regulatory body under applicable Federal or State statutes. This agreement shall be subject to all applicable Federal and State laws or executive orders, rules and regulations, and no party hereto shall suffer a forfeiture or be liable in damages for failure to comply with any of the provisions of this agreement if such compliance is prevented by, or if such failure results from, compliance with any such laws, orders, rules or regulations.

10.

This agreement shall be effective upon first production of oil or gas or both from the drilling and spacing unit, upon execution by the necessary parties, notwithstanding the date of execution, and upon approval by the Secretary of the Interior, or by his duly authorized representative; and shall remain in force and effect for a period of two (2) years and so long thereafter as communitized substances are, or can be, produced from the communitized area in paying quantities; provided, that prior to production in paying quantities from the communitized area and upon fulfillment of all requirements of the Secretary of the Interior, or his duly authorized representative, with respect to any dry hole or abandoned well, this agreement may be terminated at any time by mutual agreement of the parties hereto. This agreement shall not terminate upon cessation of production if, within sixty (60) days thereafter, reworking or drilling operations on the communitized area are commenced and are thereafter conducted with reasonable diligence during the period of non-production. Upon the effective date of this agreement any and all Communitization Agreements previously entered into, affecting any of the lands covered hereby, shall terminate and be of no further force or effect.

11.

It is agreed between the parties hereto that the Secretary of the Interior or his duly authorized representative shall have the right of supervision over all operations within the communitized area to the same extent and degree as provided in the oil and gas leases in which owners of Restricted Tribal Indian Lands are lessors and in the applicable oil and gas regulations of the Department of the Interior.

12.

The covenants herein shall be construed to be covenants running with the land with respect to the communitized interests of the parties hereto and their successors in interest until this agreement terminates; and any grant, transfer or conveyance of any such land or interest subject hereto, whether voluntary or not, shall be and hereby is conditioned upon the assumption of all obligations hereunder by the grantee, transferee or other successor in interest, and as to Restricted Tribal Indian Lands shall be subject to approval by the Secretary of the Interior.

13.

Nondiscrimination. Operator agrees in its performance of this agreement to comply with all of the provisions of the Nondiscrimination Clause which is hereto annexed as Exhibit C and made a part hereof, however, the operator shall comply with the terms and conditions of the Indian lease while engaged in operations thereon with respect to the employment of available Indian labor.

14.

This agreement shall be binding upon the parties hereto and shall extend to and be binding upon their respective heirs, executors, administrators, successors and assigns.

15.

This agreement may be executed in any number of counterparts, no one of which needs to be executed by all parties, or may be ratified or consented to by separate instrument, in writing, specifically referring hereto, and shall be binding upon all parties who have executed such counterpart, ratification or consent hereto with the same force and effect as if all parties had signed the same document.

16.

Insofar as this agreement concerns and affects the undersigned parties who hold interests in the Restricted Indian Lands which are described more fully in Exhibit "A", this agreement shall be subject to the approval of the Secretary of the Interior or his duly authorized representative.

17.

IN WITNESS WHEREOF, the parties hereto have executed this agreement as of the date and year first written to be effective as provided in Paragraph No. 10 hereof, and have set opposite their respective names the date of execution.

WORKING INTEREST OWNERS

BRINKERHOFF DRILLING COMPANY, INC.

Attest:

W.C. Burns
Asst. Sec.

W.M. Buhlman

Date: January 14, 1972

GULF OIL CORPORATION

Date: _____

By _____
Attorney in Fact

STATE OF Colorado)
COUNTY OF Denver) ss.

I, Judith A. Keisher, a Notary Public in and for said County and State, do hereby certify that Mr. H. Brinkerhoff, to me personally known, and known to me to be the same person who executed the foregoing instrument as Vice President of BRINKERHOFF DRILLING COMPANY, INC., a Colorado corporation, appeared before me this day in person and, being first duly sworn, acknowledged that he is the Vice President of said corporation, and that said instrument was signed and delivered in behalf of said corporation by authority of its Board of Directors, and further acknowledged said instrument and his execution thereof to be the free and voluntary act and deed of said corporation, and his own free and voluntary act and deed, for the uses, purposes and consideration therein expressed.

Given under my hand and official seal this 14th day of January, 1972.

My commission expires:

April 29, 1975

Judith A. Keisher
Notary Public

STATE OF _____)
COUNTY OF _____) ss.

I, _____, a Notary Public in and for said County and State, do hereby certify that _____, to me personally known, and known to me to be the same person who executed the foregoing instrument as Attorney in Fact of GULF OIL CORPORATION, a _____ corporation, appeared before me this day in person, and, being first duly sworn, acknowledged that he is the Attorney in Fact of said corporation, and that said instrument was signed and delivered in behalf of said corporation by authority of its Board of Directors, and further acknowledged said instrument and his execution thereof to be the free and voluntary act and deed of said corporation, and his own free and voluntary act and deed, for the uses, purposes and consideration therein expressed.

Given under my hand and official seal this _____ day of _____, 197____.

My commission expires:

Notary Public

12.

The covenants herein shall be construed to be covenants running with the land with respect to the communitized interests of the parties hereto and their successors in interest until this agreement terminates; and any grant, transfer or conveyance of any such land or interest subject hereto, whether voluntary or not, shall be and hereby is conditioned upon the assumption of all obligations hereunder by the grantee, transferee or other successor in interest, and as to Restricted Tribal Indian Lands shall be subject to approval by the Secretary of the Interior.

13.

Nondiscrimination. Operator agrees in its performance of this agreement to comply with all of the provisions of the Nondiscrimination Clause which is hereto annexed as Exhibit C and made a part hereof, however, the operator shall comply with the terms and conditions of the Indian lease while engaged in operations thereon with respect to the employment of available Indian labor.

14.

This agreement shall be binding upon the parties hereto and shall extend to and be binding upon their respective heirs, executors, administrators, successors and assigns.

15.

This agreement may be executed in any number of counterparts, no one of which needs to be executed by all parties, or may be ratified or consented to by separate instrument, in writing, specifically referring hereto, and shall be binding upon all parties who have executed such counterpart, ratification or consent hereto with the same force and effect as if all parties had signed the same document.

16.

Insofar as this agreement concerns and affects the undersigned parties who hold interests in the Restricted Indian Lands which are described more fully in Exhibit "A", this agreement shall be subject to the approval of the Secretary of the Interior or his duly authorized representative.

17.

IN WITNESS WHEREOF, the parties hereto have executed this agreement as of the date and year first written to be effective as provided in Paragraph No. 10 hereof, and have set opposite their respective names the date of execution.

WORKING INTEREST OWNERS

BRINKERHOFF DRILLING COMPANY, INC.

Attest:

Date: _____

GULF OIL CORPORATION

Date: January 17, 1972 By A. C. Gabel
Attorney in Fact



*All tracts except
Tract 3 - lease 2
" 5 - " 11
" 7 - " 2*

STATE OF _____)
COUNTY OF _____) ss.

I, _____, a Notary Public in and for said County and State, do hereby certify that _____, to me personally known, and known to me to be the same person who executed the foregoing instrument as _____ of BRINKERHOFF DRILLING COMPANY, INC., a _____ corporation, appeared before me this day in person and, being first duly sworn, acknowledged that he is the _____ of said corporation, and that said instrument was signed and delivered in behalf of said corporation by authority of its Board of Directors, and further acknowledged said instrument and his execution thereof to be the free and voluntary act and deed of said corporation, and his own free and voluntary act and deed, for the uses, purposes and consideration therein expressed.

Given under my hand and official seal this _____ day of _____, 197____.

My commission expires:

Notary Public

STATE OF OKLAHOMA)
COUNTY OF OKLAHOMA) ss.

I, HENRY J. VERNON, a Notary Public in and for said County and State, do hereby certify that A. C. GODBOLD, to me personally known, and known to me to be the same person who executed the foregoing instrument as Attorney in Fact of GULF OIL CORPORATION, a Pennsylvania corporation, appeared before me this day in person, and, being first duly sworn, acknowledged that he is the Attorney in Fact of said corporation, and that said instrument was signed and delivered in behalf of said corporation by authority of its Board of Directors, and further acknowledged said instrument and his execution thereof to be the free and voluntary act and deed of said corporation, and his own free and voluntary act and deed, for the uses, purposes and consideration therein expressed.

Given under my hand and official seal this 17th day of January, 1972.

My commission expires:
MY COMMISSION EXPIRES
AUGUST 23, 1972

Henry J. Vernon
Notary Public

15.

This agreement may be executed in any number of counter-
parts, no one of which needs to be executed by all parties, or may
be ratified or consented to by separate instrument, in writing,
specifically referring hereto, and shall be binding upon all parties
who have executed such counterpart, ratification or consent hereto
with the same force and effect as if all parties had signed the
same document.

16.

Insofar as this agreement concerns and affects the under-
signed parties who hold interests in the Restricted Indian Lands
which are described more fully in Exhibit "A", this agreement shall
be subject to the approval of the Secretary of the Interior or his
duly authorized representative.

17.

IN WITNESS WHEREOF, the parties hereto have executed this
agreement as of the date and year first written to be effective as
provided in Paragraph No. 10 hereof, and have set opposite their
respective names the date of execution.

WORKING INTEREST OWNER

Attest: T. E. Waibel Assistant Secretary

Date: Jan 14, 1972

LVO CORPORATION (After Payout)

By: John A. Brock JOHN A. BROCK VICE-PRESIDENT

ROYALTY OWNER

Attest: T. E. Waibel Assistant Secretary

Date: Jan 14, 1972

LVO CORPORATION (Before Payout) (After Payout)

By: John A. Brock JOHN A. BROCK VICE-PRESIDENT

OVERRIDING ROYALTY INTEREST OWNER

Attest: T. E. Waibel Assistant Secretary

Date: Jan 14, 1972

LVO CORPORATION (Before Payout)

By: John A. Brock JOHN A. BROCK VICE-PRESIDENT

Tract 3 - lease 2
 " 5 - " 11
 " 6 - " 6
 " 7 - " 2

STATE OF OKLAHOMA)
) ss.
COUNTY OF TULSA)

I, the undersigned, a Notary Public in and for said County and State, do hereby certify that John A. Brock, to me personally known, and known to me to be the same person who executed the foregoing instrument as Vice President of LVO CORPORATION, a Delaware corporation, appeared before me this day in person and, being first duly sworn, acknowledged that he is the Vice President of said corporation, and that said instrument was signed and delivered in behalf of said corporation by authority of its Board of Directors, and further acknowledged said instrument and his execution thereof to be the free and voluntary act and deed of said corporation, and his own free and voluntary act and deed, for the uses, purposes and consideration therein expressed.

Given under my hand and official seal this 14 day of January, 1972.

My commission expires:
January 22, 1973

Hazel M. Brady
Notary Public Hazel M. Brady

STATE OF _____)
) ss.
COUNTY OF _____)

I, _____, a Notary Public in and for said County and State, do hereby certify that Francis Wyasket, to me personally known, and known to me to be the same person who executed the foregoing instrument as Chairman, Uintah and Ouray Tribal Business Committee of the UTE INDIAN TRIBE, a corporation, appeared before me this day in person and, being first duly sworn, acknowledged that he is the aforesaid official of said corporation, that the seal affixed to said instrument is the corporate seal of said corporation, and that said instrument was signed, sealed and delivered in behalf of said corporation by authority of its Board of Directors, and further acknowledged said instrument and his execution thereof to be the free and voluntary act and deed of said corporation, and his own free and voluntary act and deed, for the uses, purposes and consideration therein expressed.

Given under my hand and official seal this _____ day of _____, 197 .

My commission expires:

Notary Public

STATE OF UTAH)
) ss.
COUNTY OF DUCHESNE)

I, _____, a Notary Public in and for said County and State, do hereby certify that _____, to me personally known, and known to me to be the same person who executed the foregoing instrument as President, Board of Directors of the UTE DISTRIBUTION CORPORATION, a corporation, appeared before me this day in person and, being first duly sworn, acknowledged that he is the aforesaid official of said corporation, that the seal affixed to said instrument is the corporate seal of said corporation, and that said instrument was signed, sealed and delivered in behalf of said corporation by authority of its Board of Directors, and further acknowledged said instrument and _____ execution thereof to be the free and voluntary act and deed of said corporation, and _____ own free and voluntary act and deed, for the uses, purposes and consideration therein expressed.

Given under my hand and official seal this _____ day of _____, 197 .

My commission expires:

Notary Public

15.

This agreement may be executed in any number of counterparts, no one of which needs to be executed by all parties, or may be ratified or consented to by separate instrument, in writing, specifically referring hereto, and shall be binding upon all parties who have executed such counterpart, ratification or consent hereto with the same force and effect as if all parties had signed the same document.

16.

Insofar as this agreement concerns and affects the undersigned parties who hold interests in the Restricted Indian Lands which are described more fully in Exhibit "A", this agreement shall be subject to the approval of the Secretary of the Interior or his duly authorized representative.

17.

IN WITNESS WHEREOF, the parties hereto have executed this agreement as of the date and year first written to be effective as provided in Paragraph No. 10 hereof, and have set opposite their respective names the date of execution.

ROYALTY OWNERS

Attest:

THE UTE INDIAN TRIBE

Secretary, Uintah and Ouray
Tribal Business Committee

By _____
Chairman, Uintah and Ouray
Tribal Business Committee

Date: _____

Attest:

UTE DISTRIBUTION CORPORATION

Secretary, Board of Directors

By _____
Its President,
Board of Directors

Date: _____

STATE OF _____)
COUNTY OF _____) ss.

I, _____, a Notary Public in and for said County and State, do hereby certify that _____, to me personally known, and known to me to be the same person who executed the foregoing instrument as _____ of LVO CORPORATION, a _____ corporation, appeared before me this day in person and, being first duly sworn, acknowledged that he is the _____ of said corporation, and that said instrument was signed and delivered in behalf of said corporation by authority of its Board of Directors, and further acknowledged said instrument and his execution thereof to be the free and voluntary act and deed of said corporation, and his own free and voluntary act and deed, for the uses, purposes and consideration therein expressed.

Given under my hand and official seal this _____ day of _____, 197____.

My commission expires:

Notary Public

STATE OF _____)
COUNTY OF _____) ss.

I, _____, a Notary Public in and for said County and State, do hereby certify that Francis Wyasket, to me personally known, and known to me to be the same person who executed the foregoing instrument as Chairman, Uintah and Ouray Tribal Business Committee of the UTE INDIAN TRIBE, a corporation, appeared before me this day in person and, being first duly sworn, acknowledged that he is the aforesaid official of said corporation, that the seal affixed to said instrument is the corporate seal of said corporation, and that said instrument was signed, sealed and delivered in behalf of said corporation by authority of its Board of Directors, and further acknowledged said instrument and his execution thereof to be the free and voluntary act and deed of said corporation, and his own free and voluntary act and deed, for the uses, purposes and consideration therein expressed.

Given under my hand and official seal this _____ day of _____, 197____.

My commission expires:

Notary Public

STATE OF UTAH)
COUNTY OF DUCHESNE) ss.

I, _____, a Notary Public in and for said County and State, do hereby certify that _____, to me personally known, and known to me to be the same person who executed the foregoing instrument as President, Board of Directors of the UTE DISTRIBUTION CORPORATION, a corporation, appeared before me this day in person and, being first duly sworn, acknowledged that he is the aforesaid official of said corporation, that the seal affixed to said instrument is the corporate seal of said corporation, and that said instrument was signed, sealed and delivered in behalf of said corporation by authority of its Board of Directors, and further acknowledged said instrument and _____ execution thereof to be the free and voluntary act and deed of said corporation, and _____ own free and voluntary act and deed, for the uses, purposes and consideration therein expressed.

Given under my hand and official seal this _____ day of _____, 197____.

My commission expires:

Notary Public

RATIFICATION AND JOINDER OF COMMUNITIZATION AGREEMENT

In consideration of the execution of the Communitization Agreement, by Brinkerhoff Drilling Company, Inc., Operator, covering a tract described as: Township 3 South, Range 5 West, USM, Section 32 - All, containing 640 acres, more or less, Duchesne County, Utah, dated December 31, 1971, receipt of a copy of which is hereby acknowledged, in form approved on behalf of the Secretary of the Interior, the undersigned hereby expressly joins said Communitization Agreement and ratifies, approves, adopts, and confirms said Communitization Agreement as fully as though the undersigned had executed the original agreement.

This ratification and joinder shall be effective as to the undersigned's interest in any lands and leases, or interests therein, and royalties presently held or which may arise under existing option agreements or other interests in communitized substances, covering any lands within the communitized area in which the undersigned may be found to have an oil or gas interest.

This ratification and joinder of Communitization Agreement shall be binding upon the undersigned, his heirs, devisees, executors, assigns, or successors in interest.

EXECUTED this 20th day of January, 1972.

Raleigh R. Ivie
Raleigh R. Ivie

Dora M. Ivie
Dora M. Ivie

STATE OF UTAH)
COUNTY OF Duchesne) ss.

On the 20th day of January, A.D. 1972, personally appeared before me, Raleigh R. Ivie and Dora M. Ivie, his wife

the signer(s) of the above instrument, who duly acknowledged to me that they executed the same.

Given under my hand and official seal the date above written.

My commission expires: May 19, 1975

Leona S. Roney
Notary Public

STATE OF _____)
COUNTY OF _____) ss.

Duchesne, Utah

On the _____ day of _____, A.D. 19____, personally appeared before me, _____ who, being by me duly sworn, did say that he is the _____ of _____, and that said instrument was signed in behalf of said corporation by authority of its bylaws and said _____ acknowledged to me that said corporation executed the same.

Given under my hand and official seal the date above written.

My commission expires: _____

Notary Public

Tract 3 - Lease 1

RATIFICATION AND JOINDER OF COMMUNITIZATION AGREEMENT

In consideration of the execution of the Communitization Agreement, by Brinkerhoff Drilling Company, Inc., Operator, covering a tract described as: Township 3 South, Range 5 West, USM, Section 32 - All, containing 640 acres, more or less, Duchesne County, Utah, dated December 31, 1971, receipt of a copy of which is hereby acknowledged, in form approved on behalf of the Secretary of the Interior, the undersigned hereby expressly joins said Communitization Agreement and ratifies, approves, adopts, and confirms said Communitization Agreement as fully as though the undersigned had executed the original agreement.

This ratification and joinder shall be effective as to the undersigned's interest in any lands and leases, or interests therein, and royalties presently held or which may arise under existing option agreements or other interests in communitized substances, covering any lands within the communitized area in which the undersigned may be found to have an oil or gas interest.

This ratification and joinder of Communitization Agreement shall be binding upon the undersigned, his heirs, devisees, executors, assigns, or successors in interest.

EXECUTED this 17th day of January, 1972.

Kenneth Ivie
Kenneth Ivie
Gladys Ivie
Gladys Ivie

STATE OF UTAH)
COUNTY OF Salt Lake) ss.

On the 17th day of January, A.D. 1972, personally appeared before me, Kenneth Ivie and Gladys Ivie, husband and wife

the signer(s) of the above instrument, who duly acknowledged to me that they executed the same.

Given under my hand and official seal the date above written.

My commission expires: 2-18-74 C. Wayne Matthews
Notary Public

STATE OF _____)
COUNTY OF _____) ss.

On the _____ day of _____, A.D. 19____, personally appeared before me, _____ who, being by me duly sworn, did say that he is the _____ of _____, and that said instrument was signed in behalf of said corporation by authority of its bylaws and said _____ acknowledged to me that said corporation executed the same.

Given under my hand and official seal the date above written.

My commission expires: _____

Notary Public

Tract 4 - lease 2

RATIFICATION AND JOINDER OF COMMUNITIZATION AGREEMENT

In consideration of the execution of the Communitization Agreement, by Brinkerhoff Drilling Company, Inc., Operator, covering a tract described as: Township 3 South, Range 5 West, USM, Section 32 - All, containing 640 acres, more or less, Duchesne County, Utah, dated December 31, 1971, receipt of a copy of which is hereby acknowledged, in form approved on behalf of the Secretary of the Interior, the undersigned hereby expressly joins said Communitization Agreement and ratifies, approves, adopts, and confirms said Communitization Agreement as fully as though the undersigned had executed the original agreement.

This ratification and joinder shall be effective as to the undersigned's interest in any lands and leases, or interests therein, and royalties presently held or which may arise under existing option agreements or other interests in communitized substances, covering any lands within the communitized area in which the undersigned may be found to have an oil or gas interest.

This ratification and joinder of Communitization Agreement shall be binding upon the undersigned, his heirs, devisees, executors, assigns, or successors in interest.

EXECUTED this 17 day of January, 1972.

DECEASED

Frank O. Hudson

Hildred Hudson
Hildred Hudson

STATE OF MISSOURI)
COUNTY OF TANEY) ss.

On the 17 day of January, A.D. 1972, personally appeared
(Deceased)
before me, Frank O. Hudson and Hildred Hudson, husband and wife

the signer(s) of the above instrument, who duly acknowledged to me that ~~she~~ they executed the same.

Given under my hand and official seal the date above written.

My commission expires: September 19, 1975

Stanley [Signature]
Notary Public

STATE OF _____)
COUNTY OF _____) ss.

On the _____ day of _____, A.D. 19____, personally appeared
before me, _____
who, being by me duly sworn, did say that he is the _____
of _____, and that said instrument
was signed in behalf of said corporation by authority of its bylaws and
said _____ acknowledged to me that said corpora-
tion executed the same.

Given under my hand and official seal the date above written.

My commission expires: _____

Notary Public

Tract 5 - Lease
" 6 - " 3

V-5, VI-4

RATIFICATION AND JOINDER OF COMMUNITIZATION AGREEMENT

In consideration of the execution of the Communitization Agreement, by Brinkerhoff Drilling Company, Inc., Operator, covering a tract described as: Township 3 South, Range 5 West, USM, Section 32 - All, containing 640 acres, more or less, Duchesne County, Utah, dated December 31, 1971, receipt of a copy of which is hereby acknowledged, in form approved on behalf of the Secretary of the Interior, the undersigned hereby expressly joins said Communitization Agreement and ratifies, approves, adopts, and confirms said Communitization Agreement as fully as though the undersigned had executed the original agreement.

This ratification and joinder shall be effective as to the undersigned's interest in any lands and leases, or interests therein, and royalties presently held or which may arise under existing option agreements or other interests in communitized substances, covering any lands within the communitized area in which the undersigned may be found to have an oil or gas interest.

This ratification and joinder of Communitization Agreement shall be binding upon the undersigned, his heirs, devisees, executors, assigns, or successors in interest.

EXECUTED this 14 day of January, 1972.

Lloyd A. Hudson
Lloyd A. Hudson, aka Loyd A. Hudson

Ruth Hudson
Ruth Hudson

STATE OF MISSOURI)
COUNTY OF STONE) ss.

On the 14 day of January, A.D. 1972, personally appeared before me, Lloyd A. Hudson, aka Loyd A. Hudson, and Ruth Hudson,
husband and wife

the signer(s) of the above instrument, who duly acknowledged to me that they executed the same.

Given under my hand and official seal the date above written.

My commission expires: 12-20-74

Gloria Pickens
Notary Public
Gloria Pickens

STATE OF _____)
COUNTY OF _____) ss.

On the _____ day of _____, A.D. 19____, personally appeared before me, _____, who, being by me duly sworn, did say that he is the _____ of _____, and that said instrument was signed in behalf of said corporation by authority of its bylaws and said _____ acknowledged to me that said corporation executed the same.

Given under my hand and official seal the date above written.

My commission expires: _____

Notary Public

Tract 5. Lease 3
" 6- " 4

RATIFICATION AND JOINDER OF COMMUNITIZATION AGREEMENT

In consideration of the execution of the Communitization Agreement, by Brinkerhoff Drilling Company, Inc., Operator, covering a tract described as: Township 3 South, Range 5 West, USM, Section 32 - All, containing 640 acres, more or less, Duchesne County, Utah, dated December 31, 1971, receipt of a copy of which is hereby acknowledged, in form approved on behalf of the Secretary of the Interior, the undersigned hereby expressly joins said Communitization Agreement and ratifies, approves, adopts, and confirms said Communitization Agreement as fully as though the undersigned had executed the original agreement.

This ratification and joinder shall be effective as to the undersigned's interest in any lands and leases, or interests therein, and royalties presently held or which may arise under existing option agreements or other interests in communitized substances, covering any lands within the communitized area in which the undersigned may be found to have an oil or gas interest.

This ratification and joinder of Communitization Agreement shall be binding upon the undersigned, his heirs, devisees, executors, assigns, or successors in interest.

EXECUTED this 17th day of January, 1972.

X Bertie J. Quilling
Bertie J. Quilling

X John Quilling
John Quilling

STATE OF MONTANA)
COUNTY OF Lincoln) ss.

On the 17th day of JANUARY, A.D. 1972, personally appeared before me, Bertie J. Quilling and John Quilling, wife and husband

the signer(s) of the above instrument, who duly acknowledged to me that they executed the same.

Given under my hand and official seal the date above written.

My commission expires: 10-13-1974 Walter J. Schaefer
Residing in Eureka, Montana Notary Public

STATE OF _____)
COUNTY OF _____) ss.

On the _____ day of _____, A.D. 19____, personally appeared before me, _____ who, being by me duly sworn, did say that he is the _____ of _____, and that said instrument was signed in behalf of said corporation by authority of its bylaws and said _____ acknowledged to me that said corporation executed the same.

Given under my hand and official seal the date above written.

My commission expires: _____

Notary Public

Tract 5 - Lease 4
" 6 - " 5

RATIFICATION AND JOINDER OF COMMUNITIZATION AGREEMENT

In consideration of the execution of the Communitization Agreement, by Brinkerhoff Drilling Company, Inc., Operator, covering a tract described as: Township 3 South, Range 5 West, USM, Section 32 - All, containing 640 acres, more or less, Duchesne County, Utah, dated December 31, 1971, receipt of a copy of which is hereby acknowledged, in form approved on behalf of the Secretary of the Interior, the undersigned hereby expressly joins said Communitization Agreement and ratifies, approves, adopts, and confirms said Communitization Agreement as fully as though the undersigned had executed the original agreement.

This ratification and joinder shall be effective as to the undersigned's interest in any lands and leases, or interests therein, and royalties presently held or which may arise under existing option agreements or other interests in communitized substances, covering any lands within the communitized area in which the undersigned may be found to have an oil or gas interest.

This ratification and joinder of Communitization Agreement shall be binding upon the undersigned, his heirs, devisees, executors, assigns, or successors in interest.

EXECUTED this 21 day of Jan., 1972.

Rella Wardle
Rella Wardle, a married woman dealing in her separate property

STATE OF UTAH)
COUNTY OF SALT LAKE) ss.

On the 21 day of JANUARY, A.D. 1972, personally appeared before me, Rella Wardle

the signer(s) of the above instrument, who duly acknowledged to me that she executed the same.

Given under my hand and official seal the date above written.

My commission expires: 3-15-75

Darrell H. Steed
Notary Public

STATE OF _____)
COUNTY OF _____) ss.

On the _____ day of _____, A.D. 19____, personally appeared before me, _____ who, being by me duly sworn, did say that he is the _____ of _____, and that said instrument was signed in behalf of said corporation by authority of its bylaws and said _____ acknowledged to me that said corporation executed the same.

Given under my hand and official seal the date above written.

My commission expires: _____

Notary Public

Tract 5 - lease 8

RATIFICATION AND JOINDER OF COMMUNITIZATION AGREEMENT

In consideration of the execution of the Communitization Agreement, by Brinkerhoff Drilling Company, Inc., Operator, covering a tract described as: Township 3 South, Range 5 West, USM, Section 32 - All, containing 640 acres, more or less, Duchesne County, Utah, dated December 31, 1971, receipt of a copy of which is hereby acknowledged, in form approved on behalf of the Secretary of the Interior, the undersigned hereby expressly joins said Communitization Agreement and ratifies, approves, adopts, and confirms said Communitization Agreement as fully as though the undersigned had executed the original agreement.

This ratification and joinder shall be effective as to the undersigned's interest in any lands and leases, or interests therein, and royalties presently held or which may arise under existing option agreements or other interests in communitized substances, covering any lands within the communitized area in which the undersigned may be found to have an oil or gas interest.

This ratification and joinder of Communitization Agreement shall be binding upon the undersigned, his heirs, devisees, executors, assigns, or successors in interest.

EXECUTED this 13th day of January, 1972.

Max O. Thorn
Max O. Thorn
Ivy Thorn
Ivy Thorn

STATE OF UTAH)
COUNTY OF UTAH) ss.

On the 13th day of JANUARY, A.D. 1972, personally appeared before me, Max O. Thorn and Ivy Thorn, husband and wife

the signer(s) of the above instrument, who duly acknowledged to me that They executed the same.

Given under my hand and official seal the date above written.

My commission expires: June 1, 1973 Shirley L. Johnson
Notary Public

STATE OF _____)
COUNTY OF _____) ss.

On the _____ day of _____, A.D. 19____, personally appeared before me, _____ who, being by me duly sworn, did say that he is the _____ of _____, and that said instrument was signed in behalf of said corporation by authority of its bylaws and said _____ acknowledged to me that said corporation executed the same.

Given under my hand and official seal the date above written.

My commission expires: _____

Notary Public

Tract 5- lease 10

EXHIBIT "A" TO COMMUNITIZATION AGREEMENT

DATED DECEMBER 31, 1971

Embracing All of Section 32, Township 3 South, Range 5 West
U.S.M., Duchesne County, Utah

OPERATOR OF COMMUNITIZED AREA: Brinkerhoff Drilling Company, Inc.

DESCRIPTION OF LEASES COMMITTED:

TRACT I

LESSOR: The Ute Indian Tribe, a Federal Corporation, chartered
under the Act of June 18, 1934, 48 Stat. 984, and the
Ute Distribution Corporation, a Utah Corporation

LESSEE OF RECORD: Gulf Oil Corporation

SERIAL NUMBER: 14-20-462-612

DATE OF LEASE: November 17, 1961, exp. Jan. 25, 1972

BASIC ROYALTY RATE: 16-2/3%

DESCRIPTION OF LAND COMMITTED: S $\frac{1}{2}$ S $\frac{1}{2}$, N $\frac{1}{2}$ SE $\frac{1}{4}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$ Section 32-3S-5W,
Duchesne County, Utah

NUMBER OF ACRES: 280.00 acres m/1

NAME AND PERCENTAGE OF WORKING INTEREST OWNERS:

Gulf Oil Corporation - 50%
Brinkerhoff Drilling Company, Inc. - 50%

NAME AND PERCENTAGE OF O.R.R.I. OWNER: None

TRACT II

LESSOR: The Ute Indian Tribe, a Federal Corporation, chartered
under the Act of June 18, 1934, 48 Stat. 984, and the
Ute Distribution Corporation, a Utah Corporation

LESSEE OF RECORD: Gulf Oil Corporation

SERIAL NUMBER: 14-20-462-2396

DATE OF LEASE: August 14, 1969, exp. September 5, 1979

BASIC ROYALTY RATE: 16-2/3%

DESCRIPTION OF LAND COMMITTED: N $\frac{1}{2}$ NW $\frac{1}{4}$ Section 32-3S-5W
Duchesne County, Utah

NUMBER OF ACRES: 80.00 acres m/1

NAME AND PERCENTAGE OF WORKING INTEREST OWNERS:

Gulf Oil Corporation - 50%
Brinkerhoff Drilling Company, Inc. - 50%

NAME AND PERCENTAGE OF O.R.R.I. OWNER: None

EXHIBIT "A"

TRACT III - Lease 1

LESSOR: Raleigh R. Ivie and Dora M. Ivie, his wife

LESSEE OF RECORD: Gulf Oil Corporation

DATE OF LEASE: April 17, 1969 (10 year term)

BASIC ROYALTY RATE: 12-1/2%

DESCRIPTION OF LAND COMMITTED: NE $\frac{1}{4}$ NE $\frac{1}{4}$, and beginning at NE corner of NW $\frac{1}{4}$ NE $\frac{1}{4}$ of said Sec. 32; thence south 72 rods; thence west 40 rods; thence north 45 rods; thence west 40 rods; thence north 27 rods; thence east 80 rods to beginning, Section 32-3S-5W, Duchesne County, Utah

NUMBER OF ACRES: 65 gross, 32.50 net acres

NAME AND PERCENTAGE OF WORKING INTEREST OWNERS:

Gulf Oil Corporation - 50%
Brinkerhoff Drilling Company, Inc. - 50%

NAME AND PERCENTAGE OF O.R.R.I. OWNER: None

POOLING PROVISION: "Lessee is hereby granted the right and power at any time and from time to time to unitize or pool this lease, in whole or in part, as to any stratum or strata, with lands or leases adjacent to or in the immediate vicinity of the leased premises, so as to constitute a unit or units not exceeding in area the acreage prescribed or required in any Federal or State law, order, rule or regulation for the drilling or operation of one well or for obtaining the maximum allowable production from one well, or 640 acres (plus a tolerance of 10% where necessary to avoid splitting leases) each, whichever is the larger. Such pooling shall be effected by lessee's executing and filing in the office where this lease is recorded a Pooling Declaration identifying and describing the pooled acreage. The discovery and production of pooled substances and development and operation on any portion of a unit so pooled, including the commencement, drilling, completion and operation of a well thereon and the existence of a shut-in gas well thereon, shall be considered and construed and shall have the same effect, except for the payment of royalty, as discovery, production, development, operation and the existence of a shut-in gas well on the leased premises under the terms of this lease. The royalties herein provided shall accrue and be paid to lessor on pooled substances produced from any unit in the proportion, but only in the proportion, that lessor's acreage interest in the land covered hereby and placed in the unit bears to the total acreage of all land in the unit."

TRACT III, Lease 2

LESSOR: LVO Corporation, a Delaware Corporation

LESSEE OF RECORD: Brinkerhoff Drilling Company, Inc.

DATE OF LEASE: December 23, 1971 (1 year term)

BASIC ROYALTY RATE: 16-2/3%

DESCRIPTION OF LAND COMMITTED: NE $\frac{1}{4}$ NE $\frac{1}{4}$ and beginning at NE corner of NW $\frac{1}{4}$ NE $\frac{1}{4}$, thence south 72 rods, thence west 40 rods, thence north 45 rods, thence west 40 rods, thence north 27 rods, thence east 80 rods to P.O.B., Section 32-3S-5W, Duchesne County, Utah

EXHIBIT "A"

Tract III, Lease 2 - continued

NUMBER OF ACRES: 65 gross, 32.50 net acres

NAME AND PERCENTAGE OF WORKING INTEREST OWNER:
Brinkerhoff Drilling Company, Inc. - 100%

NAME AND PERCENTAGE OF O.R.R.I. OWNER: 2% - LVO Corporation

POOLING PROVISION: "Lessor agrees that lessee or its assigns may include said land or any part thereof in any unit plan of development or operations which is approved by the Secretary of the Interior or to which lessee may voluntarily subscribe, and lessor agrees to execute any such unit plan in order to make it effective as to the interests covered by this lease. In such event, royalty will be paid to lessor at the rate set forth above, as to the land covered hereby and included in such unit, based upon the production allocated pursuant to the unit plan to said land; and the drilling or completion or continued operation of a well on any portion of the area included within such a plan shall be construed and considered as the drilling or completion or continued operation of a well under the terms of this lease as to all of the land covered by the lease."

Tract IV, Lease 1

LESSOR: Florence B. Madsen, a widow

LESSEE OF RECORD: Gulf Oil Corporation

DATE OF LEASE: November 12, 1969

BASIC ROYALTY RATE: 12-1/2%

DESCRIPTION OF LAND COMMITTED: Beginning at the SW corner of the NW NE of Sec. 32, thence north 53 rods, thence east 40 rods, thence south 45 rods, thence east 40 rods, thence south 8 rods, thence west 80 rods to point of beginning of Section 32-3S-5W, Duchesne Co., Utah

NUMBER OF ACRES: 15 gross, 7.50 net acres

NAME AND PERCENTAGE OF WORKING INTEREST OWNERS:
Gulf Oil Corporation - 50%
Brinkerhoff Drilling Company, Inc. - 50%

NAME AND PERCENTAGE OF O.R.R.I. OWNER: None

POOLING PROVISION: Same as Tract III, Lease 1

Tract IV, Lease 2

LESSOR: Kenneth Ivie and Gladys Ivie, husband and wife

LESSEE OF RECORD: Gulf Oil Corporation

DATE OF LEASE: July 20, 1971 (5 year term)

BASIC ROYALTY RATE: 12-1/2%

DESCRIPTION OF LAND COMMITTED: Same as Tract IV, Lease 1

NUMBER OF ACRES: 15 gross, 7.50 net acres

NAME AND PERCENTAGE OF WORKING INTEREST OWNERS:
Gulf Oil Corporation - 50%
Brinkerhoff Drilling Company, Inc. - 50%

EXHIBIT "A"

Tract IV, Lease 2 - continued

NAME AND PERCENTAGE OF O.R.R.I. OWNER: None

POOLING PROVISION: Same as Tract III, Lease 1

Tract V, Lease 1

LESSOR: Florence M. Mathes, a widow

LESSEE OF RECORD: Gulf Oil Corporation

DATE OF LEASE: November 26, 1969 (10 year term)

BASIC ROYALTY RATE: 12-1/2%

DESCRIPTION OF LAND COMMITTED: NW $\frac{1}{4}$ SW $\frac{1}{4}$; also beginning at NW corner of SE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 32; thence east 53 rods; thence southwesterly 80 rods to a point 30 rods east of SW corner of SE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 32; thence west 30 rods; thence north 80 rods to point of beginning; also: beginning at the NW corner of the NE $\frac{1}{4}$ SW $\frac{1}{4}$ of Sec. 32, thence east 39.50 rods, thence south 80.00 rods, thence west 39.50 rods, thence north 80.00 rods to point of beginning, Section 32-3S-5W, Duchesne County, Utah

NUMBER OF ACRES: 80 gross, 10 net acres - oil

NAME AND PERCENTAGE OF WORKING INTEREST OWNERS:

Gulf Oil Corporation - 50%
Brinkerhoff Drilling Company, Inc. - 50%

POOLING PROVISION: Same as in Tract III, Lease 1

Tract V, Lease 2

LESSOR: Frank O. Hudson and Hildred Hudson, husband and wife

LESSEE OF RECORD: Gulf Oil Corporation

DATE OF LEASE: November 26, 1969 (10 year term)

BASIC ROYALTY RATE: 12-1/2%

DESCRIPTION OF LAND COMMITTED: Same as Tract V, Lease 1

NUMBER OF ACRES: 80 gross, 10 net acres - oil

NAME AND PERCENTAGE OF WORKING INTEREST OWNERS:

Gulf Oil Corporation - 50%
Brinkerhoff Drilling Company, Inc. - 50%

NAME AND PERCENTAGE OF O.R.R.I. OWNER: None

POOLING PROVISION: Same as in Tract III, Lease 1

EXHIBIT "A"

Tract V, Lease 3

LESSOR: Lloyd A. Hudson, aka Loyd A. Hudson, and Ruth Hudson

LESSEE OF RECORD: Gulf Oil Corporation

DATE OF LEASE: November 26, 1969 (10 year term)

BASIC ROYALTY RATE: 12-1/2%

DESCRIPTION OF LAND COMMITTED: Same as Tract V, Lease 1

NUMBER OF ACRES: 80 gross, 10 net acres - oil

NAME AND PERCENTAGE OF WORKING INTEREST OWNERS:
Gulf Oil Corporation - 50%
Brinkerhoff Drilling Company, Inc. - 50%

NAME AND PERCENTAGE OF O.R.R.I. OWNER: None

POOLING PROVISION: Same as in Tract III, Lease 1

Tract V, Lease 4

LESSOR: Bertie J. Quilling and John Quilling, wife and husband

LESSEE OF RECORD: Gulf Oil Corporation

DATE OF LEASE: November 26, 1969 (10 year term)

BASIC ROYALTY RATE: 12-1/2%

DESCRIPTION OF LAND COMMITTED: Same as Tract V, Lease 1

NUMBER OF ACRES: 80 gross, 10 net acres - oil

NAME AND PERCENTAGE OF WORKING INTEREST OWNERS:
Gulf Oil Corporation - 50%
Brinkerhoff Drilling Company, Inc. - 50%

NAME AND PERCENTAGE OF O.R.R.I. OWNER: None

POOLING PROVISION: Same as in Tract III, Lease 1

Tract V, Lease 5

LESSOR: William R. Williams and Carlene Williams, husband and wife

LESSEE OF RECORD: Gulf Oil Corporation

DATE OF LEASE: August 10, 1971 (3 year term)

BASIC ROYALTY RATE: 12-1/2%

DESCRIPTION OF LAND COMMITTED: Sec. 32: NW $\frac{1}{4}$ SW $\frac{1}{4}$, also beginning 445.5 feet west from the NE corner of the SE $\frac{1}{4}$ NW $\frac{1}{4}$ of said Sec. 32, thence southwest 1320 feet more or less to a point 495 feet east of the southwest corner of the SE $\frac{1}{4}$ NW $\frac{1}{4}$, said section, thence East 140.3 feet; thence south 1320 feet to a point 684.8 feet west of the southeast corner of the NE $\frac{1}{4}$ SW $\frac{1}{4}$ said

(continued next page)

EXHIBIT "A"

Tract V, Lease 5 - continued

DESCRIPTION OF LAND COMMITTED: section, thence west 635.2 feet, more or less, to the southwest corner of the NE $\frac{1}{4}$ SW $\frac{1}{4}$, said section, thence north 2640 feet, more or less, to the northwest corner of the SE $\frac{1}{4}$ NW $\frac{1}{4}$, said section, thence east 874.5 feet to the point of beginning, Section 32-3S-5W, Duchesne County, Utah

NUMBER OF ACRES: 80 gross, net mineral acres: oil - 2.67
gas - 8.00

NAME AND PERCENTAGE OF WORKING INTEREST OWNERS:
Gulf Oil Corporation - 50%
Brinkerhoff Drilling Company, Inc. - 50%

NAME AND PERCENTAGE OF O.R.R.I. OWNER: None

POOLING PROVISION: Same as in Tract III, Lease 1

Tract V, Lease 6

LESSOR: Gertrude I. Williams, aka Gertrude Williams, a widow

LESSEE OF RECORD: Gulf Oil Corporation

DATE OF LEASE: August 10, 1971 (3 year term)

BASIC ROYALTY RATE: 12-1/2%

DESCRIPTION OF LAND COMMITTED: Same as Tract V, Lease 5

NUMBER OF ACRES: 80 gross, net mineral acres: oil - 6.67
gas - 20.00

NAME AND PERCENTAGE OF WORKING INTEREST OWNERS:
Gulf Oil Corporation - 50%
Brinkerhoff Drilling Company, Inc. - 50%

NAME AND PERCENTAGE OF O.R.R.I. OWNER: None

POOLING PROVISION: Same as in Tract III, Lease 1

TRACT V, Lease 7

LESSOR: Wilma Morrison, a married woman dealing in her separate property

LESSEE OF RECORD: Gulf Oil Corporation

DATE OF LEASE: August 23, 1971 (3 year term)

BASIC ROYALTY RATE: 12-1/2%

DESCRIPTION OF LAND COMMITTED: Same as Tract V, Lease 5

NUMBER OF ACRES: 80 gross, net mineral acres: oil - 2.67
gas - 8.00

EXHIBIT "A"

Tract V, Lease 7 - continued

NAME AND PERCENTAGE OF WORKING INTEREST OWNERS:
Gulf Oil Corporation - 50%
Brinkerhoff Drilling Company, Inc. - 50%

NAME AND PERCENTAGE OF O.R.R. OWNER: None

POOLING PROVISION: Same as in Tract III, Lease 1

Tract V, Lease 8

LESSOR: Rella Wardle, a married woman dealing in her separate property

LESSEE OF RECORD: Gulf Oil Corporation

DATE OF LEASE: August 23, 1971 (3 year term)

BASIC ROYALTY RATE: 12-1/2%

DESCRIPTION OF LAND COMMITTED: Same as Tract V, Lease 5

NUMBER OF ACRES: 80 gross, net mineral acres: oil - 2.67
gas - 8.00

NAME AND PERCENTAGE OF WORKING INTEREST OWNERS:
Gulf Oil Corporation - 50%
Brinkerhoff Drilling Company, Inc. - 50%

NAME AND PERCENTAGE OF O.R.R.I. OWNER: None

POOLING PROVISION: Same as in Tract III, Lease 1

Tract V, Lease 9

LESSOR: Grace Pinoli

LESSEE OF RECORD: Gulf Oil Corporation

DATE OF LEASE: August 10, 1971 (3 year term)

BASIC ROYALTY RATE: 12-1/2%

DESCRIPTION OF LAND COMMITTED: Same as Tract V, Lease 5

NUMBER OF ACRES: 80 gross; net mineral acres: oil - 2.66
gas - 8.00

NAME AND PERCENTAGE OF WORKING INTEREST OWNERS:
Gulf Oil Corporation - 50%
Brinkerhoff Drilling Company, Inc. - 50%

NAME AND PERCENTAGE OF O.R.R.I. OWNER: None

POOLING PROVISION: Same as in Tract III, Lease 1

EXHIBIT "A"

Tract V, Lease 10

LESSOR: Max O. Thorn and Ivy Thorn, husband and wife

LESSEE OF RECORD: Gulf Oil Corporation

DATE OF LEASE: August 10, 1971 (3 year term)

BASIC ROYALTY RATE: 12-1/2%

DESCRIPTION OF LAND COMMITTED: Same as Tract V, Lease 5

NUMBER OF ACRES: 80 gross; net mineral acres: oil - 2.66
gas - 8.00

NAME AND PERCENTAGE OF WORKING INTEREST OWNERS:
Gulf Oil Corporation - 50%
Brinkerhoff Drilling Company, Inc. - 50%

NAME AND PERCENTAGE OF O.R.R.I OWNER: None

POOLING PROVISION: Same as in Tract III, Lease 1

TRACT V, Lease 11

LESSOR: LVO Corporation, a Delaware Corporation

LESSEE OF RECORD: Brinkerhoff Drilling Company, Inc.

DATE OF LEASE: December 23, 1971 (1 year term)

BASIC ROYALTY RATE: 16-2/3%

DESCRIPTION OF LAND COMMITTED: Sec. 32: NW $\frac{1}{4}$ SW $\frac{1}{4}$, W $\frac{1}{2}$ NE $\frac{1}{4}$ SW $\frac{1}{4}$, and a 20
acre tract in the SE $\frac{1}{4}$ NW $\frac{1}{4}$, as described
by metes and bounds in Lease 5 of Tract
V, Section 32-3S-5W, Duchesne County, Utah

NUMBER OF ACRES: 80 gross; net mineral acres: oil - 20.00
gas - 20.00

NAME AND PERCENTAGE OF WORKING INTEREST OWNER:
Brinkerhoff Drilling Company, Inc. - 100%

NAME AND PERCENTAGE OF O.R.R.I. OWNER: 2% - LVO Corporation

POOLING PROVISION: Same as in Tract III, Lease 2

Tract VI, Lease 1

LESSOR: William R. Williams and Carlene Williams, husband and wife

LESSEE OF RECORD: Gulf Oil Corporation

DATE OF LEASE: September 1, 1966 (10 year term)

BASIC ROYALTY RATE: 12-1/2%

EXHIBIT "A"

Tract VI, Lease 1 - continued

DESCRIPTION OF LAND COMMITTED: SW $\frac{1}{4}$ NE $\frac{1}{4}$, also beg. at the NW corner of the SW $\frac{1}{4}$ NE $\frac{1}{4}$ of said Section 32, running thence west 27 rods, thence southwesterly 80 rods, more or less, to a point 30 rods east of the southwest corner of the SE $\frac{1}{4}$ NW $\frac{1}{4}$ of said section 32; thence east 8 $\frac{1}{2}$ rods; thence south 80 rods; thence east 41 $\frac{1}{2}$ rods, thence north 160 rods to beginning, Section 32-3S-5W, Duchesne County, Utah

NUMBER OF ACRES: 80 gross; net mineral acres: oil - 20.00
gas - 60.00

NAME AND PERCENTAGE OF WORKING INTEREST OWNERS:
Gulf Oil Corporation - 50%
Brinkerhoff Drilling Company, Inc. - 50%

NAME AND PERCENTAGE OF O.R.R.I. OWNER: None

POOLING PROVISION: Same as in Tract III, Lease 1

Tract VI, Lease 2

LESSOR: Florence M. Mathes, a widow

LESSEE OF RECORD: Gulf Oil Corporation

DATE OF LEASE: November 26, 1969 (10 year term)

BASIC ROYALTY RATE: 12-1/2%

DESCRIPTION OF LAND COMMITTED: Same as Tract VI, Lease 1

NUMBER OF ACRES: 80 gross; net mineral acres: oil - 10.00

NAME AND PERCENTAGE OF WORKING INTEREST OWNERS:
Gulf Oil Corporation - 50%
Brinkerhoff Drilling Company, Inc. - 50%

NAME AND PERCENTAGE OF O.R.R.I. OWNER: None

POOLING PROVISION: Same as in Tract III, Lease 1

Tract VI, Lease 3

LESSOR: Frank O. Hudson and Hildred Hudson, husband and wife

LESSEE OF RECORD: Gulf Oil Corporation

DATE OF LEASE: November 26, 1969 (10 year term)

BASIC ROYALTY RATE: 12-1/2%

DESCRIPTION OF LAND COMMITTED: Same as Tract VI, Lease 1

NUMBER OF ACRES: 80 gross; net mineral acres: oil - 10.00

EXHIBIT "A"

Tract VI, Lease 3 - continued

NAME AND PERCENTAGE OF WORKING INTEREST OWNERS:
Gulf Oil Corporation - 50%
Brinkerhoff Drilling Company, Inc. - 50%

NAME AND PERCENTAGE OF O.R.R.I. OWNER: None

POOLING PROVISION: Same as in Tract III, Lease 1

Tract VI, Lease 4

LESSOR: Loyd A. Hudson and Ruth Hudson

LESSEE OF RECORD: Gulf Oil Corporation

DATE OF LEASE: November 26, 1969 (10 year term)

BASIC ROYALTY RATE: 12-1/2%

DESCRIPTION OF LAND COMMITTED: Same as Tract VI, Lease 1

NUMBER OF ACRES: 80 gross; net mineral acres: oil - 10.00

NAME AND PERCENTAGE OF WORKING INTEREST OWNERS:
Gulf Oil Corporation - 50%
Brinkerhoff Drilling Company, Inc. - 50%

NAME AND PERCENTAGE OF O.R.R.I. OWNER: None

POOLING PROVISION: Same as in Tract III, Lease 1

Tract VI, Lease 5

LESSOR: Bertie J. Quilling and John Quilling, wife and husband

LESSEE OF RECORD: Gulf Oil Corporation

DATE OF LEASE: November 26, 1969 (10 year term)

BASIC ROYALTY RATE: 12-1/2%

DESCRIPTION OF LAND COMMITTED: Same as Tract VI, Lease 1

NUMBER OF ACRES: 80 gross; net mineral acres: oil - 10.00

NAME AND PERCENTAGE OF WORKING INTEREST OWNERS:
Gulf Oil Corporation - 50%
Brinkerhoff Drilling Company, Inc. - 50%

NAME AND PERCENTAGE OF O.R.R.I. OWNER: None

POOLING PROVISION: Same as in Tract III, Lease 1

EXHIBIT "A"

Tract VI, Lease 6

LESSOR: LVO Corporation, a Delaware Corporation

LESSEE OF RECORD: Brinkerhoff Drilling Company, Inc.

DATE OF LEASE: December 23, 1971 (1 year term)

BASIC ROYALTY RATE: 16-2/3%

DESCRIPTION OF LAND COMMITTED: Sec. 32: SW $\frac{1}{4}$ NE $\frac{1}{4}$, E $\frac{1}{2}$ NE $\frac{1}{4}$ SW $\frac{1}{4}$, and a
20 acre tract in the SE $\frac{1}{4}$ NW $\frac{1}{4}$ as described
by metes and bounds in Tract VI, Lease 1.
Section 32-3S-5W, Duchesne Co., Utah

NUMBER OF ACRES: 80 gross; net mineral acres: oil - 20.00
gas - 20.00

NAME AND PERCENTAGE OF WORKING INTEREST OWNER:

Brinkerhoff Drilling Company, Inc. - 100%

NAME AND PERCENTAGE OF O.R.R.I. OWNER: 2% - LVO Corporation

POOLING PROVISION: Same as in Tract III, Lease 2

Tract VII, Lease 1

LESSOR: Gertrude I. Williams, aka Gertrude Williams, a widow

LESSEE OF RECORD: Gulf Oil Corporation

DATE OF LEASE: August 10, 1971 (3 year term)

BASIC ROYALTY RATE: 12-1/2%

DESCRIPTION OF LAND COMMITTED: SW $\frac{1}{4}$ NW $\frac{1}{4}$ Section 32-3S-5W
Duchesne County, Utah

NUMBER OF ACRES: 40 gross; 30 net acres

NAME AND PERCENTAGE OF WORKING INTEREST OWNERS:

Gulf Oil Corporation - 50%
Brinkerhoff Drilling Company, Inc. - 50%

NAME AND PERCENTAGE OF O.R.R.I. OWNER: None

POOLING PROVISION: Same as Tract III, Lease 1

Tract VII, Lease 2

LESSOR: LVO Corporation, a Delaware Corporation

LESSEE OF RECORD: Brinkerhoff Drilling Company, Inc.

DATE OF LEASE: December 23, 1971 (1 year term)

BASIC ROYALTY RATE: 16-2/3%

DESCRIPTION OF LAND COMMITTED: SW $\frac{1}{4}$ NE $\frac{1}{4}$ Section 32-3S-5W
Duchesne County, Utah

NUMBER OF ACRES: 40.00 gross; 10 net acres

EXHIBIT "A"

Tract VII, Lease 2 - continued

NAME AND PERCENTAGE OF WORKING INTEREST OWNER:

Brinkerhoff Drilling Company, Inc. - 100%

NAME AND PERCENTAGE OF O.R.R.I. OWNER: 2% - LVO Corporation

POOLING PROVISION: Same as in Tract III, Lease 2

EXHIBIT "A"

RECAPITULATION

<u>Tract No.</u>	<u>No. of Acres Committed</u>	<u>Percentage of Interest in Communitized Area</u>
I	280.00	43.75%
II	80.00	12.50%
III	65.00	10.16%
IV	15.00	2.34%
V	80.00	12.50%
VI	80.00	12.50%
VII	40.00	6.25%
	<u>640.00 acres</u>	<u>100.00%</u>

BEFORE THE BOARD OF OIL AND GAS CONSERVATION
DEPARTMENT OF NATURAL RESOURCES
IN AND FOR THE STATE OF UTAH

IN THE MATTER OF THE APPLICATION
OF GULF OIL CORPORATION FOR AN
ORDER MODIFYING AND EXTENDING
PRIOR ORDERS OF THE BOARD IN CAUSE
NO. 139, AS EXTENDED AND MODIFIED,
TO COVER ADDITIONAL LANDS SURROUNDING
THE ALTAMONT FIELD IN DUCHESNE
COUNTY, UTAH.

Cause No. 139-5

Pursuant to Notice of Hearing dated October 26, 1971, of the Board of Oil and Gas Conservation Department of Natural Resources of the State of Utah, this cause came on for hearing before said Board at 10:00 a.m., on Wednesday, November 17, 1971, in the Governor's Board Room, Second Floor, State Capitol Building, Salt Lake City, Utah. The following Board members were present:

Delbert M. Draper, Jr., Esq., Chairman, Presiding
Charles R. Henderson
Robert R. Norman
Wesley R. Dickerson
Evert J. Jensen

Also present:

Cleon B. Feight, Esq., Director, Division of Oil
and Gas Conservation
Paul W. Burchell, Chief Petroleum Engineer, Division
of Oil and Gas Conservation
Paul E. Reimann, Assistant Attorney General

Appearances were made as follows:

For Gulf Oil Corporation: Hugh C. Garner, Esq.
Salt Lake City, Utah
Comet C. Johns, Esq.
Oklahoma City, Oklahoma

NOW, THEREFORE, the Board having considered the testimony adduced, and the exhibits received at said hearing, and being fully advised in the premises, now makes and enters the following:

Exhibit A

FINDINGS

1. Due and regular notice of the time, place and purpose of the hearing was given to all interested parties in the form and manner and within the time required by law and the rules and regulations of the Board.

2. The Board has jurisdiction over the matter covered by said Notice and over all parties interested therein and has jurisdiction to make and promulgate the order hereinafter set forth.

3. That by Order dated June 24, 1971, entered in consolidated Causes No. 139-3 and 139-4, the Board established drilling units comprising each governmental section for the production of oil, gas and associated hydrocarbons from the interval described in paragraph 8 thereof, underlying the lands, all as more particularly described in said consolidated Causes No. 139-3 and 139-4.

4. That further drilling and development operations and information obtained therefrom, both within and outside the presently defined boundaries of lands described in said Order entered in consolidated Causes No. 139-3 and 139-4 subsequent to the date of said Order, indicate that the lands known and believed to be underlain by the common source of supply defined by the Order entered in consolidated Causes No. 139-3 and 139-4 as the stratigraphic interval from the top of the lower Green River formation (TGR₃ marker) to the base of the Green River-Wasatch formations situate in Duchesne County, Utah, referred to as the "Altamont Area," includes the following described lands which include the lands described in said consolidated Causes No. 139-3 and 139-4, to wit:

Township 1 South, Range 3 West
Sections 15 through 22: All
Sections 27 through 34: All

Township 1 South, Range 4 West
Sections 13 through 17: All
Sections 19 through 36: All

Township 1 South, Range 5 West
All of Sections 25, 36

Township 2 South, Range 3 West
Sections 3 through 8: All
Sections 17 through 20: All
Sections 29 through 32: All

Township 2 South, Range 4 West
All of the Sections included in said
Township 2 South, Range 4 West

Township 2 South, Range 5 West
All of Sections 1 and 2
Sections 9 through 16: All
Sections 21 through 29: All
Sections 31 through 36: All

Township 3 South, Range 3 West
Sections 5 through 8: All
Sections 17 through 20: All
Sections 29 through 32: All

Township 3 South, Range 4 West
All of the Sections included in said
Township 3 South, Range 4 West

Township 3 South, Range 5 West
All of the Sections included in said
Township 3 South, Range 5 West

Township 3 South, Range 6 West
All of Sections 1 and 2
Sections 11 through 14: All
Sections 23 through 26: All
All of Sections 35 and 36

Township 4 South, Range 3 West
All of Sections 5 and 6

Township 4 South, Range 4 West
Sections 1 through 6: All

Township 4 South, Range 5 West
Sections 1 through 6: All

Township 4 South, Range 6 West
All of Sections 1 and 2

5. That one well on a 640 acre tract will efficiently and economically drain the recoverable oil, gas, and associated hydrocarbons from the common source of supply underlying the lands described in paragraph 4 above and that a 640 acre drilling unit is not larger than the maximum area that can be efficiently and economically drained by one well.

6. That the Order entered in consolidated Causes No. 139-3 and 139-4 provides that the permitted well for each drilling unit should be in the center of the NE/4 of such section with a tolerance of 660 feet in any direction, provided

that an exception to said tolerance may be granted without a hearing where a topographical exception is determined necessary.

7. That heretofore, drilling permits have been approved for the following wells:

<u>Well Number</u>	<u>Location</u>
32-1	SW/4 SE/4 32-3S-5W
33-1	SW/4 NE/4 33-3S-5W
34-1	SE/4 NW/4 34-3S-5W
3-1	NE/4 NW/4 3-4S-5W
4-1	NE/4 SE/4 4-4S-5W
5-1	SE/4 NW/4 5-4S-5W
29-1	SE/4 NW/4 29-3S-4W
3-1B	SE/4 NW/4 3-4S-4W
4-1B	SE/4 NW/4 4-4S-4W

which wells shall be the permitted well for the section in which they are located.

8. That any and all Orders of the Board hereof promulgated concerning the Altamont Area, Duchesne County, Utah, which are inconsequent with the orders hereafter set forth shall be vacated upon the effective date hereafter set forth.

ORDER

IT IS THEREFORE ORDERED:

A. That 640 acre drilling units be and the same are hereby established comprising each governmental section, or governmental lots corresponding thereto, for the development and production of oil, gas and associated hydrocarbons from the interval described in paragraph 4 above underlying the lands described in paragraph 4 above.

B. That no more than one well shall be drilled on any such unit for the production of oil, gas and associated hydrocarbons from the common source of supply and that the permitted well and each drilling unit shall be located in the center of the NE/4 of the governmental section comprising

such unit with a tolerance of 660 feet in any direction; provided that an exception to said tolerance may be granted without hearing where topographical exception is determined necessary; and provided that exceptions to the permitted well location and tolerance allowance are hereby allowed were needed for all wells presently drilling to or producing oil, gas and hydrocarbons from the common source of supply in the Altamont area and for the authorized wells set forth in paragraph 7 above; and such exception wells shall be the permitted wells for the drilling units on which they are located.

C. That this Order is a temporary order and the Board on its own motion, or any interested party, may file an application requesting a hearing to present new evidence concerning the matters set forth herein.

D. That the Board retains continuing jurisdiction of all matters covered by this Order and all other applications and orders and over all parties affected thereby and particularly that the Board retains and reserves continuing jurisdiction to make further orders as appropriate and authorized by statute and applicable regulations.

ENTERED THIS 17th day of November, 1971.

BOARD OF OIL AND GAS CONSERVATION
OF THE STATE OF UTAH

Delbert M. Draper, Jr., Chairman

Charles R. Henderson

Robert R. Norman

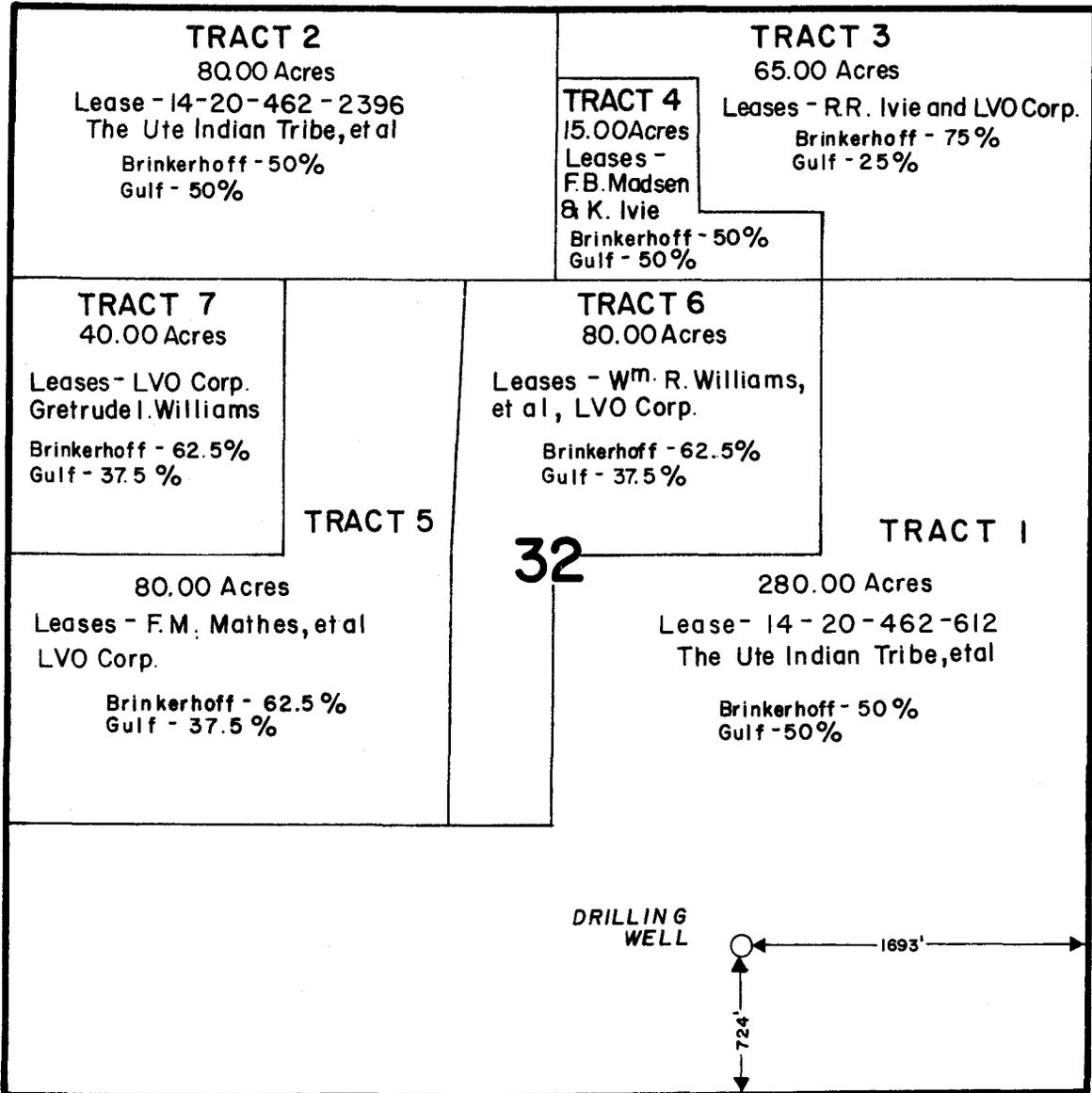
Wesley R. Dickerson

Evert J. Jensen

EXHIBIT B

Communitization Agreement dated December 31, 1971, covering all of
Section 32, Township 3 South, Range 5 West, U.S.M., Duchesne County,
Utah, Green River and Wasatch Formations.

5W



○ - Drilling Well - Approximately 724' from South Line and 1693' from East Line.

PERCENTAGE OF EACH TRACT IN UNIT:

Tr. 1 =	43.75 %
Tr. 2 =	12.50 %
Tr. 3 =	10.16 %
Tr. 4 =	2.34 %
Tr. 5 =	12.50 %
Tr. 6 =	12.50 %
Tr. 7 =	6.25 %
	100.00 %

EXHIBIT C

NONDISCRIMINATION

Gulf Oil Company - U.S., a division of Gulf Oil Corporation, hereinafter referred to as "Gulf", is a "contractor" within the meaning of Executive Order No. 11246 dealing with nondiscrimination and equal employment opportunity.

BRINKERHOFF DRILLING COMPANY, INC.
hereinafter called "contractor" in this Exhibit, agrees, unless exempt therefrom, to comply with all provisions of Executive Order 11246 which are incorporated herein by reference, and (a) if contractor has more than 50 employees or a contract with Gulf in excess of \$10,000, contractor must file Standard Form 100 (EEO-1), (b) if contractor has 50 or more employees and a contract of \$50,000 or more, contractor is required to develop a written "Affirmative Action Compliance Program" for each of its establishments according to the Rules and Regulations published by the United States Department of Labor in 41 C.F.R., Chapter 60. Further, contractor hereby certifies that it does not now and will not maintain any facilities provided for its employees in a segregated manner or permit its employees to perform their services at any location under its control where segregated facilities are maintained, as such segregated facilities are defined in Title 41, Chapter 60-1.8, Code of Federal Regulations, revised as of 1/1/69, unless exempt therefrom. Contractor further warrants that no other law, regulation or ordinance of the United States, or any state, or any governmental authority or agency has been violated in the manufacture, procurement or sale of any goods furnished, work performed or service rendered pursuant to this contract.

Unless exempt by rules, regulations or orders of the United States Secretary of Labor, issued pursuant to S.204 of Executive Order 11246, dated September 24, 1965, during the performance of this contract, the contractor agrees as follows:

"(1) The contractor will not discriminate against any employee or applicant for employment because of race, color, religion, sex, or national origin. The contractor will take affirmative action to ensure that applicants are employed and that employees are treated during employment, without regard to their race, color, religion, sex, or national origin. Such action shall include but not be limited to the following: Employment, upgrading, demotion, or transfer, recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided by the contracting officer setting forth the provisions of this nondiscrimination clause.

"(2) The contractor will, in all solicitations or advertisements for employees placed by or on behalf of the contractor, state that all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, or national origin.

"(3) The contractor will send to each labor union or representative of workers with which he has a collective bargaining agreement or other contract or understanding, a notice to be provided by the agency contracting officer, advising the labor union or workers' representative of the contractor's commitments under section 202 of Executive Order 11246 of September 24, 1965, and shall post copies of the notice in conspicuous places available to employees and applicants for employment.

"(4) The contractor will comply with all provisions of Executive Order 11246 of September 24, 1965, and of the rules, regulations, and relevant orders of the Secretary of Labor.

EXHIBIT C--continued

"(5) The contractor will furnish all information and reports required by Executive Order 11246 of September 24, 1965, and by the rules, regulations, and orders of the Secretary of Labor, or pursuant thereto, and will permit access to his books, records, and accounts by the contracting agency and the Secretary of Labor for purposes of investigation to ascertain compliance with such rules, regulations and orders.

"(6) In the event of the contractor's noncompliance with the non-discrimination clauses of this contract or with any of such rules, regulations, or orders, this contract may be canceled, terminated or suspended in whole or in part and the contractor may be declared ineligible for further Government contracts in accordance with procedures authorized in Executive Order 11246 of September 24, 1965, and such other sanctions may be imposed and remedies invoked as provided in executive order 11246 of September 24, 1965, or by rule, regulation, or order of the Secretary of Labor, or as otherwise provided by law.

"(7) The contractor will include the provisions of paragraphs (1) through (7) in every subcontract or purchase order unless exempted by rules, regulations, or orders of the Secretary of Labor issued pursuant to section 204 of Executive Order 11246 of September 24, 1965, so that such provisions will be binding upon such subcontractor or vendor. The contractor will take such action with respect to any subcontract or purchase order as the contracting agency may direct as a means of enforcing such provisions including sanctions for noncompliance: Provided, however, That in the event the contractor becomes involved in, or is threatened with, litigation with a subcontractor or vendor as a result of such direction by the contracting agency, the contractor may request the United States to enter into such litigation to protect the interests of the United States."

January 28, 1972

Mr. C. J. Curtis
Regional Oil & Gas Supervisor
United States Department of the Interior
Geological Survey
P. O. Box 2859
Casper, Wyoming 82601

Re: 77 - Communitization Agreement
Brinkerhoff Drilling Company, Inc.
Operator
Section 32, T 3 S, R 5 W, USM
containing 640 acres
Duchesne County, Utah

Dear Sir:

Brinkerhoff Drilling Company, Inc. has a producing well on a Tribal Lease included in the subject agreement. We, therefore, enclose the original and four (4) copies of it for your approval. The form of this agreement is the same as used for Section 34, T 3 S, R 5 W, which was approved by the Bureau of Indian Affairs, Fort Duchesne Agency.

This agreement is submitted to you for the following reasons:

1. On January 20, 1972 we presented this agreement, in person, to the Bureau of Indian Affairs in Fort Duchesne for execution and approval. Although the agreement was found in order, the Ute Indian Tribe and the Ute Distribution Corporation did not sign the agreement. They did not state that they would refuse to sign, but they did not do so by January 25, 1972, the expiration date of Tribal Lease No. 14-20-462-612 (Tract I) in the section. Mr. Rex Curry, manager of resources for the Ute Tribe, stated on January 24, 1972 that he would like to observe the tests on the well in Section 32 for a couple of months before taking action. A copy of this agreement was left with the Fort Duchesne Agency.
2. The 32-1 well in Section 32 was completed as a producer, from the Wasatch formation on January 23, 1972. Approximately 200 barrels of oil were sold from this well by January 24, 1972 to Western Crude Oil, Inc.

3. Brinkerhoff Drilling Company, Inc., as operator, has an obligation to the other working interest, royalty, and overriding royalty interest owners who have signed this contract in good faith to seek its final approval.

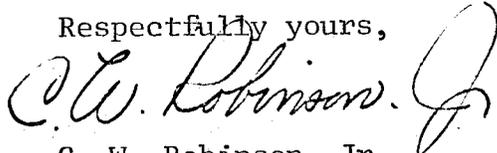
For the details on the interests committed to this Agreement, we refer you to the attached letter, dated January 19, 1972, addressed to the Superintendent of the Fort Duchesne Agency.

In view of the above facts, we respectfully request your review of this matter and your approval of this agreement. Any correspondence or inquiry concerning it should be directed to:

C. W. Robinson, Jr.
428 Patterson Building
Denver, Colorado 80202

Telephone: Area 303-255-0411

Respectfully yours,



C. W. Robinson, Jr.

C. W. Robinson, Jr.

CWR:pd

cc: Mrs. A. H. Logan
Realty Officer
Bureau of Indian Affairs
Fort Duchesne, Utah 04026

Mr. Gerald Daniels
U.S.G.S.
8416 Federal Building
125 S. State St.
Salt Lake City, Utah 84111

✓ Mr. Cleon B. Feight (with cc of agmt.)
Utah Oil & Gas Conservation Board
1588 West North Temple
Salt Lake City, Utah 84110

Branch of Oil and Gas Operations
8416 Federal Building
Salt Lake City, Utah 84111

February 1, 1972

Memorandum

To: File

From: District Engineer, Salt Lake City

Subject: Well No. 32-1 Brinkerhoff Ute Tribal, sec. 32, T. 3 S., R. 5 W.,
Tribal Indian lease 14-20-462-612

On January 31, 1972, at 1:30 p.m. the writer attended a meeting in the Solicitor's Conference Room, Salt Lake City, to discuss the environmental problems associated with the subject well. Those in attendance were Mr. Anderson from the State of Utah Division of Parks and Recreation; Messrs. Burchell and Feight from the State Division of Oil and Gas Conservation; Messrs. Sersland and Black with the Bureau of Reclamation; Mr. Boyden, Ute Tribal attorney; Messrs. Staton and McConkie from the Regional Solicitor's Office; Mr. Tate from the State of Utah Fish and Game Department; Mr. Flandro, State Department of Natural Resources; Mr. Ludlow, Central Utah Water Conservancy District.

After a general rehash of data that had been established at prior meetings, covered in memorandum to file dated January 11, 1972, Mr. Ludlow was asked to give an estimate of what an oil spill which would cause a total loss of 160,000 acre feet of water in the Starvation Reservoir would cost in money value. Since the Starvation Project is part of the Central Utah Project and is inter-related as concerns water delivery, Mr. Ludlow estimated that a total loss of water due to an oil spill on the reservoir would entail some \$3,200,000 loss. Mr. Ludlow also estimated lawsuits valuing in the neighborhood of \$8,000,000 could easily result. Mr. Tate was then requested to advise the group concerning the value of fish in the reservoir. Mr. Tate estimated the total market value of fish which would be lost in the event of a total fish kill in the reservoir amounted to \$250,000 at the local Safeway store. His estimate as to the loss to the fisherman, the loss of revenue for fishing in the lake was in excess of \$1,000,000.

At the meeting the writer attempted to point out to the group that we are not speaking about a total loss of water in the reservoir nor a total fish kill. What we are concerned with is the possibility of an oil spill occurring from the well. The writer did not attempt to minimize the danger involved with having a high pressure well near the reservoir but he did point out that the chances of such a well getting out of control were remote indeed. Also at this meeting the writer established the following factual data: The elevation of

the highest possible water level in the Starvation Reservoir will be 5,718 feet. This elevation is five feet below the casinghead elevation of 5,723 feet. The Bureau of Indian Affairs and the State Department of Parks and Recreation have joint responsibility for the development of recreational facilities along the shore of the lake. The Bureau of Indian Affairs working with the State Department of Parks and Recreation would develop those recreational facilities located on Indian land. The State Department of Parks and Recreation would develop those areas located on other land. There has been no actual interference with the Bureau of Reclamation Starvation Project other than the problems created by the well's presence. There is no interference with any actual project which is in progress either on the lake or associated with the lake. The Bureau of Indian Affairs advised that the presence of the well would certainly interfere with plans for recreational development; the Division of Parks and Recreation also advised the oil well would interfere with tentative plans for recreation along the Starvation shore line. There are as of now no actual projects in progress concerning recreation on the Starvation Reservoir. The well is located on one of the best recreational sites along the lake shore; however, it is only a very small percentage of the total shore line available for recreation. There has been no actual pollution of the lake up to this point in time.

Both at this meeting and at a previous meeting it had been established that the Bureau of Indian Affairs and presumably the Tribe would be amenable to negotiating a new lease with the current lessees whereby if this well were to be plugged and abandoned that the land could be redrilled directionally from a location south of the highway. Therefore, the writer consented to request or perhaps to join in the request of the group that the operators be requested to plug and abandon the existing well, move to a location south of the highway and directional drill the section 32 from a location south of the highway. As an alternative the group agreed to allow the current well to remain where it is with five or six additional precautions being taken to mitigate the presence of the well at the shore line.

At another meeting at 10:00 a.m. on February 1, 1972, with Messrs. Streitz and Shive and Mrs. Logan of the Bureau of Indian Affairs; Mr. Curry of the Ute Tribe Department of Resources; Messrs. McConkie and Staton of the Regional Solicitor's Office; Mr. Ludlow of the Central Utah Water Conservancy and Mr. Black with the Bureau of Reclamation; along with Mr. Hugh Garner, a local attorney representing Gulf Oil Corporation and Brinkerhoff Drilling Company, a request was presented to Mr. Garner that Gulf Oil Corporation and Brinkerhoff consider plugging and abandoning the existing well and moving to a location south of the highway to directional drill said section 32 with the proviso that it would be possible to negotiate such a lease with the Ute Indian Tribe and the Ute Distribution Corporation. Mr. Garner was also presented with the alternative of leaving the existing well on the lake shore with the following five conditions being incorporated:

1. The lake should be protected by a compacted earth filled dike. This dike should be arranged so that it will not collect surface drainage. It should be equipped with a sump at its lowest point to collect such precipitation as might accumulate so that water may be pumped out. Bureau of Reclamation advised that due to the narrow space between the well and the reservoir that such a dike would be necessary rather than just a simple earth fill fire wall. The writer advised that he would have to rely on the Bureau of Reclamation for specifications for such a dike.
2. The tank battery must be moved to a location south of Highway 40 and placed at a site which is as unobtrusive as possible. If possible to do so, the separator and gas flare should be located near the battery. The logical site would be at well 5-1 location in sec. 5, T. 4 S., R. 5 W.
3. The well must be equipped with a high-low pressure sensor in combination with an automatic shut-down control valve at the control head. The purpose of these controls would be to prevent a large discharge of oil in the event of equipment failure.
4. Due to the high value of the water stored in the lake, we must be furnished evidence of an indemnity agreement whereby you agree to indemnify the Central Utah Water Conservancy District and the Bureau of Reclamation for the loss of water stored in the reservoir in the event there is contamination by fluids from the well.
5. This office must be provided with a copy of an Oil Spill Contingency Plan. Said plan should provide information to your field personnel as to whom they should contact to obtain such things as earth moving equipment, material to soak up a spill on the ground and on the surface of the lake. The plan should also advise where to obtain the nearest equipment to remove a spill from the water surface. The plan should contain advice concerning the various Government agencies to be contacted.

Mr. Garner advised that he would relay the alternatives to the oil companies and attempt to have their answer by the early morning hours of February 2, 1972. Mr. Garner podled the people present at the meeting concerning their opinions regarding the alternatives. The Bureau of Indian Affairs advised that it recommended the well be left in the current location with the five conditions being placed in effect. Mr. Curry did not respond. The Central Utah Water Conservancy and the Bureau of Reclamation responded that the only completely acceptable solution to the problem is to plug and abandon the well. They did not give an opinion concerning whether a well directionally drilled would cause any difficulty. The writer recommended that the existing well be produced with the five conditions being placed in effect but also to request Gulf and Brinkerhoff to consider the alternate location approach.

The Bureau of Indian Affairs advised with conditional concurrence from Mr. Curry that there would be no problem with termination of the subject lease if the well were temporarily shut-down for an interim period while the protective devices were installed.

The problem of drilling the existing well deeper came into the meeting. The oil companies apparently desire to drill the well another 200 to 1,000 feet deeper. Mr. Garner was advised that the termination of the lease would not be suspended while further drilling operations took place. The suspension of the termination date of the lease was simply to install various protective devices at the well location.


Gerald R. Daniels

cc: Casper (2)
State Div. O&G Cons.

Branch of Oil and Gas Operations
8416 Federal Building
Salt Lake City, Utah 84111

February 11, 1972

Memorandum

To: File

From: District Engineer, Salt Lake City

Subject: Well No. 32-1, Brinkerhoff Ute Tribal, sec. 32, T. 3 S., R. 5 W.,
Tribal Indian lease 14-20-462-612

On February 10 at 3:00 p.m., the writer attended a meeting in the Solicitor's Conference Room, Salt Lake City, to discuss problems associated with the subject well. Those in attendance were Mr. McConkie and Mr. Staten of the Regional Solicitor's Office; Mr. Black of the Bureau of Reclamation; Mrs. Logan of the Bureau of Indian Affairs; Mr. Boyden, attorney for the Ute Tribe; Mr. Ludlow of the Central Utah Water Conservancy; Mr. Mark Wiedler, geologist with Brinkerhoff Drilling Co.; Mr. Lawrence Wilson of Gulf Oil Corporation; and Mr. Hugh Garner, attorney for Brinkerhoff Drilling Company and Gulf Oil Corporation.

Mr. Garner started the discussion by explaining that he had been advised by a Mr. Elmer, Assistant Director of Department of Natural Resources for the State of Utah, that the State may wish to develop a recreational facility at the well site with the well as its focal point. The State Division of Parks and Recreation has determined that this could be quite an attraction for tourists to be able to visit a working oil well. Mr. Garner then went on to point out that Gulf and Brinkerhoff have no objections to any of the protective equipment this office has suggested in previous meetings and would cooperate to the fullest extent possible in assuring that no contamination of the reservoir ever occurs due to operation of the existing well. The writer concurred that the safety procedures proposed are adequate in this situation.

The problems associated with communitization, i.e., the conflict between the lease terms which state "The term of the lease is for ten years and so long thereafter as producing in paying quantities" versus the language in the communitization agreement allowing "60 days to commence redrilling, workover or new drilling operations in the event production ceases" again came into the meeting. Mr. Wiedler advised that in order to properly complete the subject well it should be deepened at least another 800 feet and a liner run in the well. He estimated this work could be accomplished in seven to ten days.

Mr. Garner questioned the writer concerning approval of a notice to deepen the well. The writer advised that should a notice be submitted to this office, that it would probably be approved. However, it was cautioned that the results of that approval cannot be guaranteed as concerns extension of the lease and reaction of the Bureau of Indian Affairs or of the Tribe.

Mr. Boyden advised that in his opinion the problem of communitization was separate and distinct from the problem of protecting the lake from pollution associated with the current operations. Mr. Boyden advised that the Business Committee still strenuously objects to the communitization agreement due to the 60-day extension of lease terms automatically granted and because of public reaction to the Indians doing anything to prolong this well activity in this sensitive area. Mr. Boyden advised that the Tribe had received threats regarding a suit by private owners in that the private owners are not able to recover royalty due them until such time as the communitization agreement is approved.

Mrs. Logan advised the group that the Bureau of Indian Affairs with tentative agreement from the Tribe had hoped to use this well as a show place of cooperative use of the land, in other words to illustrate how we can have a reservoir which is compatible with oil and gas drilling operations with neither of the operations being unduly disturbed by the other.

Mr. Black advised that the Bureau of Reclamation still holds the position that they wish the well to be plugged and abandoned and production equipment removed.

Mr. Ludlow advised the group that in his opinion no one at the meeting had proposed that there was no danger to the reservoir from the well. Everyone at the meeting had agreed that there is a danger to the reservoir from the well's presence. Mr. Ludlow advised that the reservoir was in place at the time drilling was considered and the well was located and drilled without proper planning due to lack of clearance with BuRec and CUNCD. Mr. Ludlow advised that Central Utah Water Conservancy District considers this operation ill-planned, ill-conceived and arrogant on the part of all individuals involved. Mr. Ludlow also issued veiled threats that he will do anything in his power to obtain chastisement of any government agency or other entity who had anything to do with approval of, or planning of the well. Mr. Ludlow advised that he would give a recommendation to the Board of Directors of the Central Utah Water Conservancy District that that Board do anything it can conceive of either legally, politically, or through public support, to have the well removed.

Gerald R. Daniels

cc: State Div. O&G Cons.
Casper (2)

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
Brinkerhoff Drilling Company, Inc.

3. ADDRESS OF OPERATOR
600 Denver Club Building, Denver, Colorado 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface **724' FSL, 1693' FEL (SW/4SE/4)**
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

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

16. NO. OF ACRES IN LEASE
320

17. NO. OF ACRES ASSIGNED TO THIS WELL
280

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

19. PROPOSED DEPTH
8600'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
5723' GR

22. APPROX. DATE WORK WILL START*

5. LEASE DESIGNATION AND SERIAL NO.
14-20-462-612

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Ute Tribe

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Brinkerhoff Ute Tribal

9. WELL NO.
32-1

10. FIELD AND POOL, OR WILDCAT
Un-named

11. SEC., T., E., M., OR BLK. AND SURVEY OR AREA
Sec 32, T3S, R5W

12. COUNTY OR PARISH
Duchesne

13. STATE
Utah

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
6 3/4"	5" Liner	18#	8600'	175SX

We propose to:

- Deepen the Ute Tribal well #32-1 from present total depth of 7986' to approximately 8600' to evaluate deeper potential productive oil and gas zones in the Wasatch Formation which were encountered in the Brinkerhoff Ute Tribal #3-1 at a depth of 8335', and in the Brinkerhoff Ute Tribal #4-1 at a depth of 8265'.
- Run and cement 5" liner at the new total depth, which is necessary to protect the open formation below the 7 5/8" casing, and establish a more satisfactory and permanent production method.

The present producing zone will be killed with 12.2# per gallon mud and the 2 7/8" tubing and Model D Packer will be retrieved prior to deepening. Electric Logs will be run to the new total depth, 5" liner run to total depth, packer reset, run 2 7/8" tubing, perforate liner and put well back on production.

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 J. L. Garrison TITLE Landman DATE 2/12/72

(This space for Federal or State office use)

PERMIT NO. 1305-3007 APPROVAL DATE _____

APPROVED BY _____ TITLE _____ APPROVED BY DIVISION _____ OIL & GAS CONSERVATION _____

DATE _____ BY _____

*See Instructions On Reverse Side

February 15, 1972

Brinkerhoff Drilling Company
600 Denver Club Building
Denver, Colorado 80202

Re: Well No. Ute Tribal #32-1
Sec. 32, T. 3 S, R. 5 W,
Duchesne County, Utah

Gentlemen:

With reference to our approval to deepen the above referred to well dated February 14, 1972, please be advised that the same precautions which were taken in the original drilling should be exercised during the deepening operations also.

In addition, it will be necessary for you to inform this office as to the blowout prevention equipment and subsequent testing procedures, to be utilized. The following mud system monitoring equipment must be installed (with derrick floor indicators) and used throughout the period of drilling after setting and cementing the surface casing:

- (1) Recording mud pit level indicator to determine mud pit volume gains and losses. This indicator shall include a visual or audio warning device.
- (2) Mud volume measuring device for accurately determining mud volumes required to fill the hole on trips.
- (3) Mud return indicator to determine that returns essentially equal the pump discharge rate.

Your cooperation with regard to the above requests will be greatly appreciated.

Very truly yours,

DIVISION OF OIL AND GAS CONSERVATION

CLEON B. FEIGHT
DIRECTOR

CBF:sd

cc: U.S. Geological Survey

4

Branch of Oil and Gas Operations
8416 Federal Building
Salt Lake City, Utah 84111

2
JMR

February 17, 1972

Mr. J. L. Jackson
Brinkerhoff Drilling Company, Inc.
600 Denver Club Building
Denver, Colorado 80202

Re: Well No. 32-1 Brinkerhoff Ute Tribal
SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 33, T 3 S, R 5 W, USM
Duchesne County, Utah
Lease 14-20-462-612

Dear Mr. Jackson:

Enclosed is your copy of the Application for Permit to Deepen the referenced well which was approved by this office on February 17, 1972.

Inasmuch as your Application did not advise concerning blowout preventer equipment, approval of the deepening operation is conditional in that you must use BOPE which is at least equal to that used during your initial drilling operation. This office concurs with the mud monitoring equipment requirement specified in the letter to Brinkerhoff Drilling Company dated February 15, 1972, from the Director of the State of Utah, Division of Oil and Gas Conservation.

Sincerely,



Gerald R. Daniels,
District Engineer

cc: Casper
State Div. O&G Cons.

March 27, 1972

MEMO FOR FILING

Re: Brinkerhoff Drilling Company
Ute Tribal #32-1
Sec. 32, T. 3 S, R. 5 W,
Duchesne County, Utah

On March 21, 1972, the above referred to well site was visited.

Met with Mr. J.D. Richards, area engineer from Casper, Wyoming, who has replaced Mr. Marrian Bearley. Gulf is 50% owner with Brinkerhoff. An inspection of the location was considered excellent and it is the opinion of the Division that no fire walls will be necessary since the periphery of the entire yard has been diked. It should be noted that a bulldozer was on location and was preparing to back fill the mud pits. A detailed check was made of the high-low pressure sensory equipment installed on the well-head and it was found to be in good working condition. Mr. Richards illustrated its function in shutting-in the well when a line break or tank battery malfunction might occur. No camouflage work has been done to date.

PAUL W. BURCHELL
CHIEF PETROLEUM ENGINEER

PWB:ck

cc: U.S. Geological Survey

UTAH DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL IMPACT REVIEW

Brinkerhoff Drilling Company
Well No. 32-1, Ute Tribe
Lease No. 14-20-462-612

INTRODUCTION

A. Statement of Objective: The objective of this report is to describe the environment in the vicinity of the above described well and to discuss the impacts this well will impose on the environment adjacent to Highway US-40.

1. DESCRIPTION OF THE AREA

A. Physical Environment: This well is located on the shores of Starvation Reservoir in Duchesne County adjacent to Highway US-40. It is already drilled and a flow of oil has been reached by open hole completion between 7815 feet to 7986 feet in the Wasatch Formation. There was some haste in the drilling operation as production of oil was secured only 24 hours prior to the expiration of the lease (1/25/72). We understand it is the intention of the company to drill another 2,000 to 3,000 feet, planning to intercept another strata of oil which will be more beneficial to the company.

Brinkerhoff is drilling under a 50% farm-out agreement with Gulf Oil Company. The company operated under legal invested and correlative rights as set forth in Oil and Gas Mineral Lease #14-20-462-612 issued by the Uintah-Ouray Indians. The well site was approved by the U.S.G.S. Also, the Utah Division of Oil and Gas Conservation approval was issued in accordance with one (1) well per 640 acres spacing order in Clause #139-5.

The well is located as shown on the attached plat, on a small peninsula jutting out into Starvation Reservoir. It, and the already installed tank battery, are in direct view from heavily traveled Highway US-40. The reservoir forms a background against which the structures will stand out very clearly when the lake is full. The company has bulldozed and partially leveled about five acres of rather heavy juniper cover, and has constructed a protection dike around the low side of the yard about 100 feet below the drill rig. The bottom of the trench appears to be at about the high water level of the lake. At the present time there is some diesel oil-base drilling mud and water in the bottom of the trench formed by this dike. It is being pumped to an evaporation pit and disposed of with the gas flare.

Our information is that the produced oil is a 51° API gravity with a 90° pour point that solidifies or "paraffins up" at lower temperatures. Likely any spill would then become a solid if it runs into the trench around the drill rig. The crude could then be covered, burned, or removed without pollution to the water or the land.

The development is about 1,000 feet to 1,500 feet below the highway and in full view from the highway for a distance of approximately 1/2 mile. Being well below the highway and silhouetted against the lake, it is an impingement in the eyes of some who value highly the aesthetics of the environment. To others it

may be a sign of progress, wealth, and national security. It could become the symbol of a "meeting place" of resource uses - recreation and oil recovery.

It is located on a section of the lake front that is very desirable for recreation development purposes. A small bay or arm of the lake extends up to the rig location, and it appears, from study of the geological survey map and looking at the site, that it is one of the better locations for a boat ramp and parking area as well as for related camp and picnic facilities. A favorable grade extends from the highway down to this potential recreation site. At high water level the lake will come within 100-150 feet of the well on the north and also on the southwest.

II. IMPACTS

The questions involved in the subject of this discussion are: (1) Should the equipment and storage facilities to produce the oil from this well be operated to minimize the ecological and aesthetic impact to the environment and to the local people, including the recreationists, water users, and the traveling public? (2) Are there alternatives to having the entire production and storage facilities on this lake shore and in full view of the many thousands of tourists who pass through our State? (3) Can we provide a desirable and educational experience out of two seemingly conflicting uses?

A. Water Storage: Naturally, it is imperative that every possible effort be made to avoid a spillage onto the ground or into the water of the lake. The operator should do all he can in this regard, and also should have sufficient indemnity insurance to cover a possible loss to the land owner, to water users, and to the Federal Government which built the water storage system.

B. Wildlife: There is some disturbance of the surface, but it is minimal to small animals and birds. Pollution of the water definitely would have an effect on fish life, most of which has been planted by the State Division of Wildlife Resources. Waterfowl would be affected to a lesser extent. The insurance should cover this possibility to the extent felt necessary by Division of Wildlife Resources.

C. Recreation: It is likely that one of the better locations for recreation developments on the shore of Starvation Reservoir on Ute Tribe lands has been occupied by this operation. However, under careful management a multiple use program could be developed and the area still used for recreation and boating. The well might serve as a focal point for tourist attraction by representing industry's contribution to the economic growth of the Uinta Basin.

D. Aesthetic Values: Aesthetic values are indefinable in most cases, and particularly here. It is recognized that these values may be of extreme importance to some tourists; not so important to local people who see oil wells all around them; and less important to those whose livelihood is tied to oil production. Here we believe a compromise is possible, particularly since the well and storage tanks are there, and the soil is leveled and cleared of trees. The equipment is, and will be, silhouetted against the lake on the low-level horizon, even though the pump will be smaller when the derrick is removed. We believe all efforts should be made by the company to camouflage and beautify the setting so as to be least offensive to those many people with a different aesthetic sense. We feel that another location to drill in Section 32 could have

been selected which would have been less apparent, had environmental and recreation considerations been given greater weight beforehand. However, the threat of pollution to the lake would remain no matter what drill site was used in this section.

III. RECOMMENDATIONS

A. We understand the well is now equipped with a high-low pressure sensor in combination with an automatic shut-down control valve at the well head. The company has felt this action was necessary. The purpose of these controls is to prevent a large discharge of oil in the event of equipment failure.

B. Due to the high value of the water stored in the lake, an indemnity agreement probably should be furnished by Gulf Oil or Brinkerhoff, or both, whereby the Central Utah Water Conservancy District and the Bureau of Reclamation would be indemnified for the loss of water stored in the reservoir in the event there is contamination by fluids from the well.

C. The company should provide a copy of their oil spill contingency plan to the Conservancy District, the Ute Tribe, and the Bureau of Reclamation. Said plan would provide information to company field personnel as to whom they should contact to obtain such things as earth moving equipment, material to soak up and remove a spill on the ground and on the surface of the lake. The plan would state where to obtain the nearest equipment to remove a spill from the water surface. The plan would also contain advice concerning the various Government agencies to be contacted. The Denver office of the Environmental Protection Agency will aid in preparing the plan.

D. The tank battery would best be moved to a location south of Highway 40 and placed at a site which is as unobtrusive as possible. If possible to do so, the separator and gas flare could be located near the battery. A logical site would be at the location of Well No. 5-1 in Section 5, Township 4 South, Range 5 West. If it is felt inadvisable to move the battery, a firewall 1-1/2 times the volume of the battery should be constructed around the facility and a fence erected around the flare and evaporation pit, or any other facility that may be a hazard.

E. If the tank battery remains, it and other facilities should be camouflaged as much as possible by painting the structures a color to blend with the background of the site to partially screen the pump and tanks from the highway. An attempt should be made to present an appearance that the setup was dropped into the setting rather than bulldozed into place, as it actually is. The ground torn up should be smoothed out, the displaced trees limbed and stacked for campground use, and the disturbed soil seeded by drilling, or the seed covered by a drag harrow.

The seeding should be with the following native grasses, 50% each, 15 lbs. per acre: Buffalo grass (*Boutelous gracilis*) and Indian Rice grass (*Oryzopsis hymenoides*). An introduced species, Saltbush (*Atriplex canescens*), a heavier seed obtainable on the market, should be scattered ahead of the drill or harrow, about 5 lbs. per acre. A few nursery grown native juniper or associated species should be planted to blend in with the pump and tanks.

F. Because a very choice potential recreation site is now occupied by this operation, we suggest as partial mitigating action the following:

1. That the Ute Tribe secure competent help in selecting the best location on this bay for a boat ramp. (The Division of Parks and Recreation is likely the best informed on this matter and their services would be without charge.) The Tribe should also have prepared a plan for a marina with at least one set of docks and with at least day-use picnic facilities, including rest rooms. A location for a sizeable information display should be designated to show the story of oil production, as well as tell the history of the Uinta Basin area.
2. Following this selection, that Gulf Oil, or Brinkerhoff, or both, hard surface a 20-foot road from Highway US-40 to this location and level and hard surface a parking area for at least 50 cars and boat trailers. The company could carefully level a few picnic or day-use sites among the trees, erect about four pit toilets over solid concrete pits, and install one set of docks.
3. Jointly the Tribe and Gulf Oil should develop the information sign to show the multiple uses of land and people working in harmony for the total best use of the area.

G. We recommend consultation with the Utah Department of Natural Resources Environmental Evaluation Committee on any future oil drilling sites which are suspected of having a detrimental environmental impact.

IV. ECONOMIC CONSIDERATIONS

Brinkerhoff has proceeded with this drilling operation in the usual manner of development, which is usually the most economical. Advance notice was given by the State Division of Oil and Gas Conservation to Utah State departments and divisions. Some eyebrows have been raised and even vocal and written objections have been made to this location. Any mitigating efforts will now be more costly than if advance planning had been done. For example, the tank battery should logically be in some other location for aesthetic reasons, even though an adjacent location is the most advantageous for the oil production operation. Due to the high pour-point of the crude oil, their removal now would be costly and perhaps impractical. The oil must be heated, and placing them any distance away would pose a difficult transportation problem.

It is believed that the companies will be willing to cooperate on such a project as suggested in this report. This is based on their desire for a good public image; and additionally, it's an opportunity to tell the oil story as it applies to the Uinta Basin in a location easily accessible to local citizens and tourists.

This is an opportunity to illustrate the doctrine of multiple use!

UTAH DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL IMPACT EVALUATION COMMITTEE

W

BRINKERHOFF DRILLING COMPANY, INC.

600 DENVER CLUB BUILDING
DENVER, COLORADO 80202

September 23, 1974

USGS
8416 Federal Building
Salt Lake City, Utah 84111

Re: Ute Tribal Well #32-1
SWSE, Sec. 32, T3S, R5W
Duchesne County, Utah

Gentlemen:

Attached are 3 copies of Notice of Intention to Abandon for the above referenced well. You will note that we have not given a plugging procedure, but will request instructions from you prior to commencing operations. At this time we do not propose to remove any casings from the well. All correspondence or discussions of this matter should be directed to our Production Superintendent, E. R. Allen, P. O. Box 1568, Casper, Wyoming, telephone 307-235-6628.

Reference is also made to memo dated September 19, 1974, from Paul W. Burchell, State of Utah Department of Natural Resources, pertaining to condition of this well location. The equipment will be removed and location restored following plugging operations which we hope to accomplish at an early date.

Yours very truly,

BRINKERHOFF DRILLING COMPANY, INC.


J. L. Jackson

JLJ:jk

- ✓ CC: State of Utah, Dept. of Natural Resources
- CC: E. R. Allen, Casper Office
- CC: Working Interest Owners

State of Utah

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN THE MANNER INDICATED*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

14-20-462-612

6. IF INDIAN; ALLOTTEE OR TRIBE NAME

Ute Tribe

7. UNIT AGREEMENT NAME

Brinkerhoff Ute Tribal

8. FARM OR LEASE NAME

9. WELL NO.

32-1

10. FIELD AND POOL, OR WILDCAT

Starvation

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

Sec. 32, T3S, R5W

12. COUNTY OR PARISH

Duchesne

13. STATE

Utah

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

Brinkerhoff Drilling Company, Inc.

3. ADDRESS OF OPERATOR

600 Denver Club Building, Denver, Colorado 80202

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

724' FSL, 1693' FEL (SW/4SE/4)

14. PERMIT NO.

43-013-3077

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

5723' GR

16.

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(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 has not produced since June, 1972, and we propose to plug and abandon at an early date. Prior to commencing plugging operations, we will contact USGS, Salt Lake City, Utah, for specific instructions and procedure. A dry hole marker will be installed, equipment removed and location restored.

APPROVED BY DIVISION OF
OIL & GAS CONSERVATION

DATE SEP 27 1974

BY C. B. Feighl

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

SIGNED

J. L. Jackson

TITLE Assistant Secretary

DATE September 23, 1974

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

BRINKERHOFF DRILLING COMPANY, INC.

**600 DENVER CLUB BUILDING
DENVER, COLORADO 80202**

November 14, 1974

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

Attention: Paul W. Burchell
Chief Petroleum Engineer

Re: Ute Tribal #32-1
Sec. 32, T3S, R5W
Duchesne County, Utah

Gentlemen:

Reference is made to your memo of September 19, 1974, regarding the appearance of the well site surrounding the captioned well.

We sent out a crew last month to clean up the location and are presently in the process of removing the remainder of the surface equipment. We have filed Notice to Abandon well and will proceed as soon as a rig is available which now appears to be in January or February, 1975. The location will be restored after plugging operations are completed.

Yours very truly,

BRINKERHOFF DRILLING COMPANY, INC.


J. L. Jackson

JLJ:jk

CC: USGS
8416 Federal Building
Salt Lake City, Utah 84111

CC: Working Interest Owners

INVOICE

OIL FIELD SERVICE COMPANY, INC.

1860 LINCOLN STREET
DENVER, COLORADO 80203

RECEIVED
OCT 31 1974
BRINKERHOFF
DRILLING CO., INC.
CASPER

TO Brinkerhoff
Box 1538
Casper, Wyoming 82601

84-5000 U

EPA

TERMS: NET 30 DAYS	PURCHASE ORDER NUMBER (K) <i>Utah Tribal 82-111</i>	DATE (L) 10-21-74	INVOICE NUMBER (M) 74-10-15-U
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Ticket #4865 U

1974 Brinkerhoff 32-1
10-11 Cleaned up Location & Cut Bolts

Description	Men	Hrs.	Rate	Total
Pusher	1	6	8.00	48.00
Labor, F.C.	2	12	7.00	84.00
1 Ton w/Winch		6	7.00	42.00
				<u>174.00</u>

Ticket #1861 U

1974 Brinkerhoff 32-1
10-14 Hauled Buildings, Scrubber Tanks, & Flame Arresters to Yard

Description	Men	Hrs.	Rate	Total
Pusher	2	1 1/2	8.00	36.00
Labor, F.C.	1	6	7.00	42.00
1 Ton w/Winch		6	7.00	42.00
				<u>120.00</u>

TOTAL AMOUNT THIS INVOICE

\$294.00

UTAH

NET 10 DAYS

4000-5000 U
(\$294.00)
2158- 294.00

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

14-20-462-612

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Ute

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Brinkerhoff Ute Tribal

9. WELL NO.

32-1

10. FIELD AND POOL, OR WILDCAT

Starvation

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

Sec. 32, T-3S, R-5W

12. COUNTY OR PARISH 13. STATE

Duchesne

Utah

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR

Brinkerhoff Drilling Company, Inc.

3. ADDRESS OF OPERATOR

600 Denver Club Building, Denver, Colorado 80202

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

724' FSL, 1693' FEL (SW/4SE/4)

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

5723' GR

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TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log forms.)

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.)*

- 5-12-75 Moved in service rig. Hooked up Halliburton and attempt to kill well.
- 5-13-75 Killed well. Nippled up BOP and loaded hole with 10.5# mud. Pulled and laid down 2-3/8" tubing heat string. Changed rams in BOP for 2-7/8" tubing.
- 5-14-75 Pulled 2-7/8" tubing out of packer and circulated hole. Spotted cement plug from bottom of hole at 7986' to bottom of packer at 7731' and from top of packer to 7686' (300'). Pulled up and spotted plug from 5630'-5480' (150') in 7-5/8" casing.
- 5-15-75 Pulled balance of 2-7/8" tubing. Removed tubing head and filled hole with mud. Pumped 80 Sx cement downannulus between 7-5/8" and 10-3/4" casing. Spotted cement plug across 10-3/4" casing shoe from 1025'-950' (75'). Placed cement plug from surface to 20' and installed dry hole marker. Tore down and moved rig off location.

Location will be cleaned up and restored to as near natural condition as possible, and final report of abandonment will be filed when this is done.

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

SIGNED

M. Brinkerhoff

TITLE

Vice President

DATE

May 23, 1975

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

State of Utah

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE
(Other instructions on
reverse side)

Form approved.
Budget Bureau No. 42-R1424.

J. LEASE DESIGNATION AND SERIAL NO.

14-20-462-612

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Ute

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Brinkerhoff Ute Tribal

9. WELL NO.

32-1

10. FIELD AND POOL, OR WILDCAT

Starvation

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

Sec. 32, T-3S, R-5W

12. COUNTY OR PARISH

Duchesne

13. STATE

Utah

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

Brinkerhoff Drilling Company, Inc.

3. ADDRESS OF OPERATOR

600 Denver Club Building, Denver, Colorado 80202

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FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) Final Abandonment

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

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REPORT OF FINAL ABANDONMENT AND RESTORATION OF SURFACE

The well was plugged and abandoned on May 15, 1975, per Sundry Report dated May 23, 1975. Surface has been restored and seeded at the direction of Mr. Anselmo Valverde of Bureau of Indian Affairs.

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

SIGNED

J. P. Johnson

TITLE

Assistant Secretary

DATE July 17, 1975

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

BRINKERHOFF DRILLING COMPANY, INC.

**600 DENVER CLUB BUILDING
DENVER, COLORADO 80202**

August 18, 1975

Mr. M. H. Kerr, Director
Property Tax Division
The State of Utah
State Tax Commission
Salt Lake City, Utah 84134

Dear Mr. Kerr,

Please be advised that Brinkerhoff Drilling Company, Inc. has assigned all its interest and operating rights for the following leases to Mr. Kenneth Chattin, 4133 S. 635 East, Salt Lake City, Utah 84107, effective June 16, 1975:

1. 83.3333% interest in oil and gas rights in Ute Tribal No. 29-1 well in Blue Bench Field, Section 29, T3S, R4W, Duchesne County, Utah.
2. 83.3333% interest in oil and gas rights in Ute Tribal No. 3-1 well in Starvation Field, Section 3, T4S, R5W, Duchesne County, Utah.
3. 83.3333% interest in oil and gas rights in Ute Tribal No. 5-1 well in Starvation Field, Section 5, T4S, R5W, Duchesne County, Utah.

Any tax assessment schedules should be mailed to the above address to Mr. Kenneth Chattin.

We also want to advise that Brinkerhoff Drilling Company, Inc. plugged the following wells:

Ute Tribal No. 33-1 well in Starvation Field, Section 33, T3S, R5W, Duchesne County, Utah.

Ute Tribal No. 4-1 well in Starvation Field, Section 4, T4S, R5W, Duchesne County, Utah.

Ute Tribal No. 32-1 well in Starvation Field, Section 32, T3S, R5W, Duchesne County, Utah.

Page 2

If there are any questions concerning this matter, please contact this office.

Very truly yours,

BRINKERHOFF DRILLING COMPANY, INC.


E. L. Ayala

ELA/cjs

cc: ✓ State of Utah
Division of Oil & Gas Conservation
1588 West North Temple
Salt Lake City, Utah 84116

Mrs. Jessie Peatross
Duchesne County Assessor
P.O. Box "0"
Duchesne, Utah 84021

Mr. Kenneth Chattin
4133 S. 635 East
Salt Lake City, Utah 84107