

Shut-in 4/21/76

Gordon Engineering, Inc.

Consulting Engineers
Specialists in Oil & Gas

P. O. Box 3052
822 North Avenue
Grand Junction, Colo. 81501
(303) 245-1958

February 12, 1976



Re: Westwater Federal
Well #M-10, 500' FSL,
2140' FEL, Sec. 6,
17S-24E, Grand County,
Utah

Mr. Cleon B. Feight, Director
Utah Division of Oil, Gas, and Mining
1588 West North Temple
Salt Lake City, Utah 84116

Dear Sir;

We are enclosing our Application for a Permit to Drill the above referenced well together with a Designation of Agent. The Operator of this well is Willard Pease Oil & Gas Co. who presently has a Statewide federal bond posted. Bond No. U-0142200. Should you have any questions or need additional information, please contact me at (303) 245-1958 or residence (303) 243-9599.

Sincerely,

A handwritten signature in cursive script that reads "John I. Gordon".

John I. Gordon

JIG/jmt
Enclosures
cc: Mr. Willard H. Pease

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
 Willard Pease Oil & Gas Co.

3. ADDRESS OF OPERATOR
 P. O. Box 3052, Grand Junction, Colorado 81501

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface 500' FSL, 2140' FEL, Sec. 6, T17S, R24E, Grand County, Utah
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 Approximately 43 miles NW of Fruita, Colorado

10. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 500'

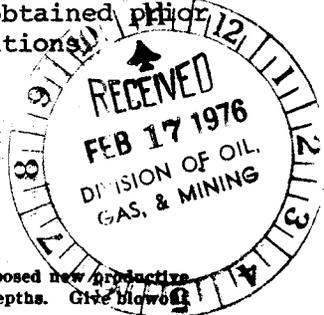
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. None

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 6973' G.L.

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	9 5/8"	36#	200'	Cement to surface.
8 3/4"	7"	20#	2400'	100 Sx
6 3/4"	4 1/2"	9.5# & 10.5#	6800'	150 Sx

Rig up and drill a 12 1/4" hole to about 200'. Run 9 5/8"-36# casing and cement to surface. Nipple up and pressure test casing and BOP to 1000 psi. Drill out shoe and drill an 8 3/4" hole to about 2400' using a water-base chemical-gel mud. Run 7"-20# casing and cement with 100 Sx. Nipple up and pressure test casing and BOP to 1000 psi. Drill out shoe and drill a 6 3/4" hole to about 6800' using air. If the well is productive, a string of 4 1/2" -9.5 & 10.5# casing will be run and cemented with 150 Sx. If the well is non-productive, it will be plugged and abandoned. Permission will be obtained prior to abandonment. The geological objective is the Dakota and Morrison formations.



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.

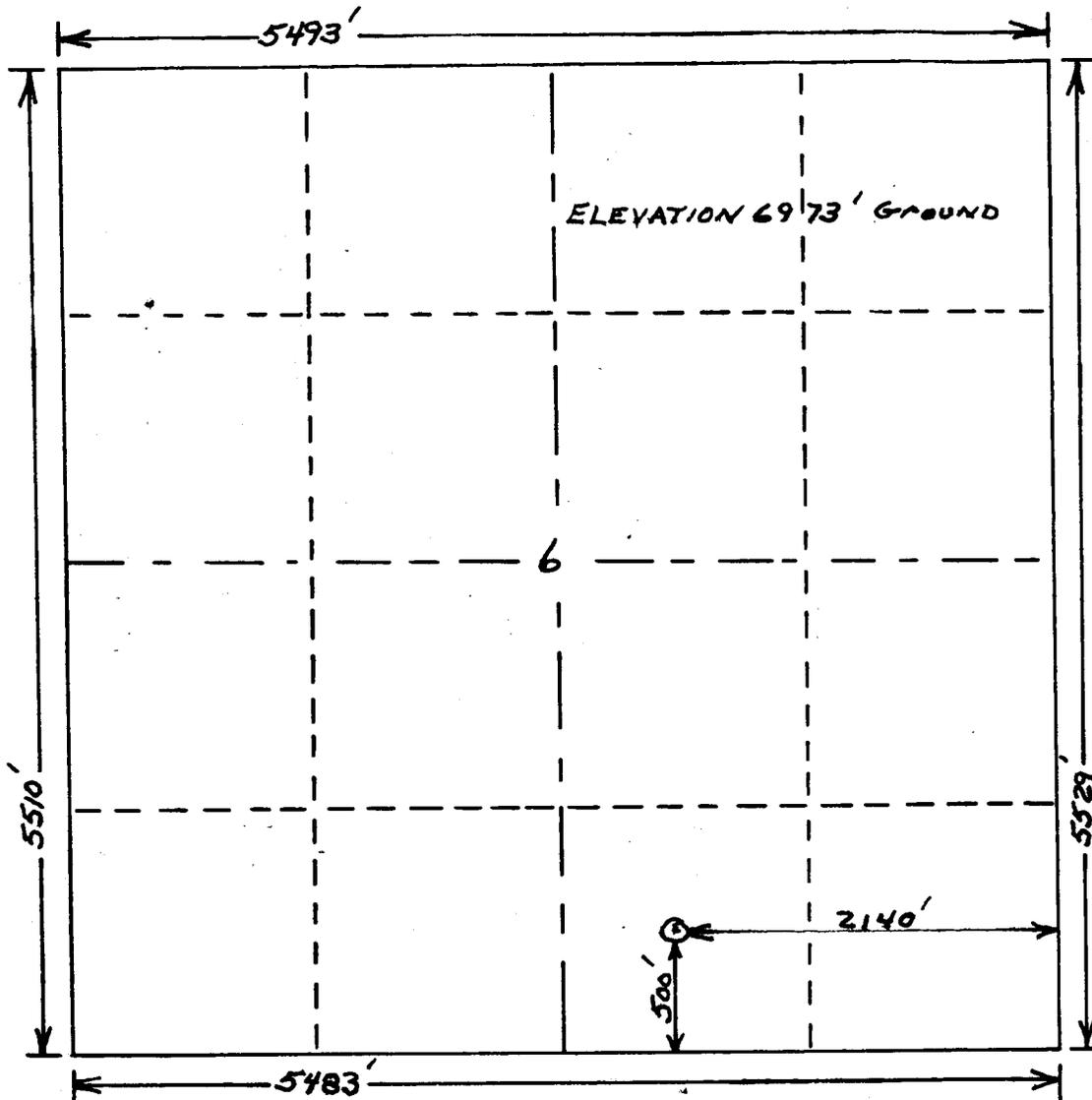
24. SIGNED John D. Good TITLE Agent DATE 2-10-76

(This space for Federal or State office use)
 PERMIT NO. 43 119-30275 APPROVAL DATE _____

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



R. 24E.



T. 17 S.

Scale... 1" = 1000'

Powers Elevation Company, Inc. of Denver, Colorado has in accordance with a request from John Gordon for Willard Pease Oil & Gas Co. determined the location of #M-10 WESTWATER to be 500' FS & 2140' FE Section 6 Township 17S. Range 24E. Of The Salt Lake Meridian GRAND County, Utah

I hereby certify that this plat is an accurate representation of a correct survey showing the location of M-10 WESTWATER

Date: 1-27-76

Dwight T. White
 Licensed Land Surveyor No. 2658, P.E.
 State of UTAH

DIVISION OF OIL AND GAS CONSERVATION
OF THE STATE OF UTAH

DESIGNATION OF AGENT
* * * * *

The undersigned producer, operator, transporter, refiner, gasoline or initial purchaser who is conducting oil and/or gas operations in the State of Utah, does, pursuant to the Rules and Regulations and Rules of Practice and Procedure of the Division of Oil and Gas Conservation of the State of Utah, hereby appoint John I. Gordon, whose address is P. O. Box 3052, Grand Junction, Colorado 81501, (his, her or its) designated agent to accept and to be served with notices from said Board, or from other persons authorized under the Oil and Gas Conservation Act of the State of Utah.

This authorization pertains only to those lands which are described below:

S $\frac{1}{2}$ SE $\frac{1}{4}$, Section 6, T17S-R24 E, SLB & M
Grand County, Utah

The undersigned further agrees to immediately report in writing, all changes of address of the agent, and any termination of the agent's authority, and in the latter case, the designation of a new agent or agents shall be immediately made. This designation of agent, however, shall remain in full force and effect until and unless a new designation of agent is filed in accordance with said statute and said regulations.

Effective date of designation February 2, 1976.

Company Willard Pease Oil & Gas Address P. O. Box 548, Grand Junction,
Co. Colorado 81501

By W. H. Pease Title President
(signature)

SUMMARY OF ENVIRONMENTAL IMPACT EVALUATION # 095

Willard Lease O & G.
 Well- FED M-10
 SW/SE SEC 6, 17S-24E
 GRAND CO. UTAH
 LEASE U-13666
 LEASE - J. GORDON
 & SASSER
 BLM-D.NAPLE
 USGS - B. FIANT

- NO EFFECT
- ENHANCE
- MINOR IMPACT
- MAJOR IMPACT

	Construction				Pollution			Drilling Production				Transport Operations			Accidents		Others	
	Roads, bridges, airports	Transmission lines, pipelines	Dams & impoundments	Others (pump stations, compressor stations, etc.)	Burning, noise, junk disposal	Liquid effluent discharge	Subsurface disposal	Others (toxic gases, noxious gas, etc.)	Well drilling	Fluid removal (Prod. wells, facilities)	Secondary Recovery	Noise or obstruction of scenic views	Mineral processing (ext. facilities)	Others	Trucks	Pipelines	Others	Spills and leaks

Land Use	Forestry	✓																		
	Grazing	✓	✓	✓	✓	✓	✓	✓									✓			
	Wilderness	✓																		
	Agriculture	✓																		
	Residential-Commercial	✓																		
	Mineral Extraction	✓	Possible Coal																	
	Recreation	✓				✓									✓			✓		
	Scenic Views	✓	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Parks, Reserves, Monuments	✓																		
	Historical Sites	✓	NO EVIDENCE																	
Unique Physical Features	✓																			
Flora & Fauna	Birds	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Land Animals	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Fish	✓																		
	Endangered Species	✓	NONE KNOWN																	
Phy. Charact.	Trees, Grass, Etc.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Surface Water	✓																		
	Underground Water	✓																		
	Air Quality	✓							✓					✓						
	Erosion	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Other	✓																			
Effect On Local Economy	✓	0	0					0						0	0					
Safety & Health	✓							✓												
Others	ORIG-FILE cc- REG-DUR. BLM STATE O & G ✓																			

Lease U-13666

Well No. & Location # M-10 SW/SE Sec 6-T17S-R24E

SLB&M Grand County, Utah

ENVIRONMENTAL IMPACT ANALYSIS - ATTACHMENT 2-B

1. Proposed Action

Willard Pease Oil & Gas Co. proposes to drill a gas development well with rotary tools to the approx depth of 6800'. To clear & level a drilling location 200' x 250' and to construct a reserve pit 40' x 50' to accommodate drilling operations. To construct approx 500' of new access road.

2. Location and Natural Setting (existing environmental situation)

The proposed well site is approx. 4.3 miles north west of Fruita, Colorado in the West Water gas field.

The area is generally extremely rough with nearly vertical rock ridges with flat tops. The well site falls at the top of a rocky ridge running east & west. The area is relatively flat with very little soil.

Vegetation is dense pinion pine and juniper with an understudy of sage brush and sparse native grasses.

Wildlife consists of mule deer, rabbits and other small animals & rodents.

The well is to be air drilled with blowby line ignited when gas is encountered.

Due to dense vegetation it will be necessary to remove all vegetation around pit to minimize fire danger.

Access will be from East Canyon via Paradise grade (up to 22° grade)

Weather conditions will have to be ideal to allow rig and equipt to negotiate the steep grade

(* NOTE LEASE EXP April 76)

3. Effects on Environment by Proposed Action (potential impact)

- THERE WILL BE MODERATE SCARRING OF THE NOW NEARLY NATURAL AREA.
- THERE WILL BE THE LOSS OF NATURAL VEGETATION DUE TO LOCATION & ACCESS ROAD CONSTRUCTION
- THERE WILL BE MINOR AIR POLLUTION DUE TO RIG ENGINES & SUPPORT TRAFFIC ALSO THERE WILL BE SOME DUST POLLUTION AS WELL AS TO BE AIR DRILLED
- THERE WILL BE TEMPORARY DISTURBANCE OF LIVESTOCK & WILDLIFE DURING DRILLING
- INDUCED EROSION FROM LOCATION & ACCESS ROAD CONSTRUCTION & SUPPORT TRAFFIC USE

4. Alternatives to the Proposed Action

- NOT APPROVING THE A.P.D.
- NOT APPROVING THE APPLICATION AND SUGGESTING AN ALTERNATE LOCATION WHICH WOULD BE MORE ENVIRONMENTALLY SUITED - NO LOCATIONS COULD BE FOUND THAT WOULD JUSTIFY THIS ACTION

5. Adverse Environmental Effects Which Cannot Be Avoided

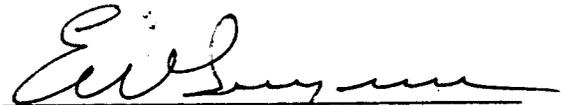
- MODERATE SCARRING OF THE AREA
- MINOR AIR POLLUTION
- LOSS OF NATURAL VEGETATION
- TEMP. DISTURBANCE OF LIVESTOCK & WILDLIFE
- INDUCED EROSION

6. Determination

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

Date Inspected 2-20-76

Inspector Bill [Signature]



U.S. Geological Survey,
Conservation Division
Salt Lake City District
Salt Lake City, Utah

DIVISION OF OIL, GAS, AND MINING

NE SE NE
NE NW SW

FILE NOTATIONS

Date: Feb. 17 -
Operator: Willard Lease
Well No: Federal M-10
Location: Sec. 6 T. 14S R. 24E County: Grand

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

Checked By:
Administrative Assistant: S

Remarks:

Petroleum Engineer/Mined Land Coordinator:

Remarks:

Director: 7

Remarks:

ok Plat
Right between
three units
unbelievable!

Include Within Approval Letter:

Bond Required Survey Plat Required
Order No. Blowout Prevention Equipment
Rule C-3(c) Topographical exception/company owns or controls acreage
within a 660' radius of proposed site
O.K. Rule C-3 O.K. In Unit
Other:
 Letter Written

February 19, 1976

Willard Pease Oil & Gas
Box 3052
Grand Junction, Colorado 81501

Re: Well No. Federal M-10
Sec. 6, T. 17 S, R. 24 E,
Grand County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to well is hereby granted in accordance with Rule C-3, General Rules and Regulations and Rules of Practice and Procedure.

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

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

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

The API number assigned to this well is 43-019-30275.

Very truly yours,
DIVISION OF OIL, GAS, AND MINING

CLEON B. FEIGHT
DIRECTOR

CBF:sw
cc: U.S. Geological Survey

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
 Willard Pease Oil & Gas Co.

3. ADDRESS OF OPERATOR
 P. O. Box 3052, Grand Junction, Colorado 81501

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
 At surface 500' FSL, 2140' FEL, Sec. 6, T17S, R24E, Grand County, Utah
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 Approximately 43 miles NW of Fruita, Colorado

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 500'

16. NO. OF ACRES IN LEASE 80

17. NO. OF ACRES ASSIGNED TO THIS WELL -

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. None

19. PROPOSED DEPTH 6800'

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6973' G.L.

22. APPROX. DATE WORK WILL START* 4-1-76

5. LEASE DESIGNATION AND SERIAL NO.
 U-13666

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
 Federal

9. WELL NO.
 M-10

10. FIELD AND POOL, OR WILDCAT
 Westwater

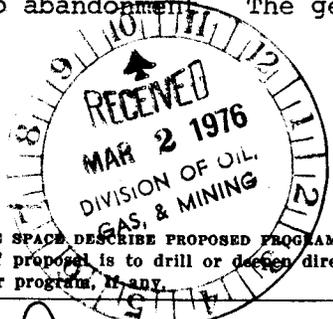
11. SEC., T., E., M., OR BLK. AND SURVEY OR AREA
 Sec. 6, T17S, R24E SLB & M

12. COUNTY OR PARISH 13. STATE
 Grand Utah

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	9 5/8"	36#	200'	Cement to surface.
8 3/4"	7"	20#	2400'	100 Sx
6 3/4"	4 1/2"	9.5# & 10.5#	6800'	150 Sx

Rig up and drill a 12 1/4" hole to about 200'. Run 9 5/8"-36# casing and cement to surface. Nipple up and pressure test casing and BOP to 1000 psi. Drill out shoe and drill an 8 3/4" hole to about 2400' using a water-base chemical-gel mud. Run 7"-20# casing and cement with 100 Sx. Nipple up and pressure test casing and BOP to 1000 psi. Drill out shoe and drill a 6 3/4" hole to about 6800' using air. If the well is productive, a string of 4 1/2" -9.5 & 10.5# casing will be run and cemented with 150 Sx. If the well is non-productive, it will be plugged and abandoned. Permission will be obtained prior to abandonment. The geological objective is the Dakota and Morrison formations.



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 John L. Gode TITLE Agent DATE 2-10-76

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE MAR 01 1976

E. W. Seymour, DISTRICT ENGINEER

APPROVAL NOTICE - SLC STATE O & G

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

FIELD OFFICE Salt Lake City
LEASE NUMBER U-13666
UNIT _____



LESSEE'S MONTHLY REPORT OF OPERATIONS

State UTAH County GRAND Field WESTWATER

The following is a correct report of operations and production (including drilling and producing wells) for the month of MARCH, 1976,

Agent's address P. O. BOX 548 Company WILLARD PEASE OIL & GAS CO.

GRAND JUNCTION, COLORADO 81501 Signed [Signature]

Phone (303) 242-6912 Agent's title PRESIDENT

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DATE PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth if shut down, correct date and results of test for gasoline content of gas)
Sec. 6 SW 1/4 SE 1/4	17S	24E	M-10	-	-	-	-	-	-	Well Spudded 3-29-76 @ 8:15 AM

NOTE.—There were NO runs or sales of oil; NO M cu. ft. of gas sold; NO runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

K

STATE OF UTAH
DEPARTMENTAL MEMORANDUM

From
DEPARTMENT PATRICK L. DRISCOLL

DATE: March 30, 1976

To
DEPARTMENT File

RE: Willard Pease M-10
Sec. 6, T. 17 S, R. 24 E,

ATTENTION:

Well spudded 8:15 a.m., March 30, 1976.

K

CIRCULATE TO:

DIRECTOR
PETROLEUM ENGINEER
MINE COORDINATOR
ADMINISTRATIVE ASSISTANT
ALL

RETURN TO Lathy
FOR FILING

April 5, 1976

MEMO FOR FILING

Re: Willard Pease
Federal M-10
Sec. 6, T. 17 S., R. 24 E.
Grand County, Utah

This well has been spudded in, and the spud-in date was Friday, April 2, 1976. It is a projected 6800' Morrison test in the Westwater Area.

PATRICK L. DRISCOLL
CHIEF PETROLEUM ENGINEER

PLD:tb

cc: U. S. Geological Survey

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPL
(Other instructions
verse side)

Form approved.
Budget Bureau No. 42-R1424

5. LEASE DESIGNATION AND SERIAL NO.

U-13666

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal

9. WELL NO.

M-10

10. FIELD AND POOL, OR WILDCAT

Westwater

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

Sec. 6, T17S, R24E
SLB & M

12. COUNTY OR PARISH 13. STATE

Grand Utah

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Willard Pease Oil & Gas Co.

3. ADDRESS OF OPERATOR
P. O. Box 3052, Grand Junction, Colorado 81501

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface 500' FSL, 2140' FEL, Sec. 6, T17S,
R24E, Grand County, Utah

14. PERMIT NO.

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

6973' G.L.

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREAT

MULTIPLE COMPLETE

FRACTURE TREATMENT

ALTERING CASING

SHOOT OR ACIDIZE

ABANDON*

SHOOTING OR ACIDIZING

ABANDONMENT*

REPAIR WELL

CHANGE PLANS

(Other) Setting casing

(Other)

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

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

Operations commenced on March 29, 1976 and well was spudded at 8:15 AM.

9 5/8" - 36# surface casing was set at 164' KB with 110 Sx Type G cement containing 3% CaCl₂. Plug down at 7:00 PM 3-30-76.



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

SIGNED

John D. Galt

TITLE

Agent

DATE

4-1-76

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPL.

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

15

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

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

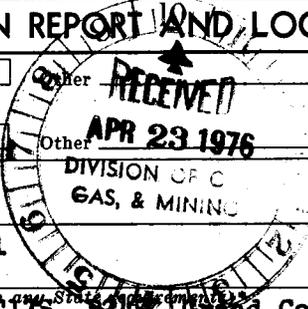
b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RESVR. Other

2. NAME OF OPERATOR: Willard Pease Oil & Gas Co.

3. ADDRESS OF OPERATOR: PO Box 348, Grand Junction, CO. 81501

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements):
At surface: 500' ~~W~~ FSL, 2140' FEL, Sec. 6, 117S, R24E, Grand County Utah

At top prod. interval reported below
At total depth



5. LEASE DESIGNATION AND SERIAL NO. U-13666

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME: Federal

9. WELL NO. 8-10

10. FIELD AND POOL, OR WILDCAT: Westwater

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: 6, 17S, 24E, SLB & M

12. COUNTY OR PARISH: Grand
13. STATE: Utah

14. PERMIT NO. 43-019-30275
DATE ISSUED: 3/1/76

15. DATE PADDED: 3/30/76
16. DATE REACHED: 4/5/76
17. DATE READY (Ready to prod.): 4/21/76
18. ELUTIONS (PF, RKB, RT, GR, ETC.): 6975 gal
19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD: 6280
21. PLUG BACK & TVD: 6245 PBTB
22. IF MULTIPLE COMPL., HOW MANY?
23. INTERVALS DRILLED BY: 6270'
ROBARY TOOLS: CABLE TOOLS:

24. PRODUCING INTERVAL (THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*: 6190-6250 Dakota
25. WAS DIRECTIONAL: Single shot

26. TYPE ELECTRIC OR PAPER LOGS RUN: PEP, OR PBI
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
9-5/8		164	13-3/4	110 sx Class H + 3% CaCl	0
7	20	2476	8-3/4	100 sx Class H	0
4-1/2	10.5	6283	6-1/4	70 sx Class G	0

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-3/8	6196	NA

31. PERFORATION RECORD (Interval, size and number): 6191-6202) 4 SPF, 6224-6240)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6191-240	1500 gal of MCA & Alcohol

33. PRODUCTION

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

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
4/19/76	6	3/4		0	218	2	Nil

FLOW TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
60	240		0	872	8	

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

35. LIST OF ATTACHMENTS: IEL, GR-FDL

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
SIGNED: W.A. Pease
TITLE: President
DATE: 4/20/76

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



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

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name and Number Westwater Federal M-10

Operator Willard Pease Oil & Gas Company

Address P. O. Box 548, Grand Junction, Colorado 81501

Contractor Willard Pease Drilling Company

Address P. O. Box 548, Grand Junction, Colorado 81501

Location SW 1/4, SE 1/4, Sec. 6 ; T. 17 S; R. 24 E; Grand County

Water Sands:

	<u>Depth:</u>		<u>Volume:</u> Flow Rate or Head -	<u>Quality:</u> Fresh or Salty -
	From-	To-		
1.	<u>0' - 2470'</u>		<u>Several possible sands.</u>	
2.	<u>2470' - 6270'</u>		<u>None encountered - hole drilled with air.</u>	
3.				
4.				
5.				

(Continue on Reverse Side if Necessary)

Formation Tops:

6014' Dakota
6162' Cedar Mountain

- NOTE: (a) Upon diminishing supply of 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.
 (c) If a water quality analysis has been made of the above reported zone, please forward a copy along with this form.

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

LAND OFFICE UTAH
LEASE NUMBER U-13666
UNIT _____

LESSEE'S MONTHLY REPORT OF OPERATIONS

State UTAH County GRAND Field WESTWATER
 The following is a correct report of operations and production (including drilling and producing wells) for the month of SEPTEMBER, 1976.,
 Agent's address 570 Kennecott Building Company Willard Pease Oil & Gas Co.
Salt Lake City, Utah 84133 Signed Stephen J. Pease
 Phone 801/364-6217 Agent's title Dist. Cray. Clerk

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DATE PRODUCTION	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)				
6 SW SE	19S	24E	M-10	-	-	-	-	-	-	SHUT-IN				
TOTALS						MCF		BO	BW					
GAS: (MFC)			OIL or CONDENSATE: (bbls)			WATER DISPOSITION (bbls)								
Sold			NONE			Sold			NONE		Pit		NONE	
Vented/flared			NONE			Used			NONE		Injected		NONE	
Used on lease			NONE			Unavoidably Lost			NONE		Unavoidably Lost		NONE	
Lost			NONE			Reason			NONE		Reason		NONE	
Reason			NONE								Other		NONE	

NOTE.—There were NO runs or sales of oil; NO M cu. ft. of gas sold; NO runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 41-3314
LAND OFFICE UTAH
LEASE NUMBER U-13666
UNIT _____

LESSEE'S MONTHLY REPORT OF OPERATIONS

State UTAH County GRAND Field WESTWATER
 The following is a correct report of operations and production (including drilling and producing wells) for the month of OCTOBER, 1976,
 Agent's address 570 Kennecott Building Company Willard Pease Oil & Gas Co
Salt Lake City, Utah 84133 Signed [Signature]
 Phone 801/364-6217 Agent's title Asst. Supt. Clerk

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL No.	DATE PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and results of test for gasoline content of gas)
6 SW SE	19S	24E	M-10	-	-	-	-	-	-	SHUT IN
TOTALS										
GAS: (MFC)					OIL or CONDENSATE: (bbls)			WATER DISPOSITION (bbls)		
Sold					Sold			Pit		
Vented/flared					Used			Injected		
Used on lease					Unavoidably Lost			Unavoidably Lost		
Lost					Reason			Reason		
Reason								Other		
					MCF		BO		BW	
					NONE			NONE		
					NONE			NONE		
					NONE			NONE		
					NONE			NONE		

NOTE.—There were NO runs or sales of oil; NO M cu. ft. of gas sold

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

WILLARD PEASE OIL & GAS CO
P O BOX 1874
GRAND JUNCTION CO 81502
ATTN: JUDY S. BROSE

RECEIVED

JUN 1 1981

DIVISION OF OIL
GAS & MINING

PHONE: 303-245-5917

YOUR UTAH ACCOUNT NUMBER: N1080

PRODUCING ENTITY NUMBER: 02495
PRODUCING ENTITY NAME :

API	ZONE	WELL NAME	SECTION	TOWNSHIP	RANGE	QTR-QTR
43-019-30275	DKTA	FEDERAL M-10	6	17.0-S	24.0-E	SWSE

WESTWATER

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

Form 9

6. Lease Designation and Serial Number U-13666
7. Indian Allottee or Tribe Name
8. Unit or Communitization Agreement
9. Well Name and Number M-10
10. API Well Number 43-019-30275
11. Field and Pool, or Wildcat Westwater

SUNDRY NOTICES AND REPORTS ON WELLS
 Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
 Use APPLICATION FOR PERMIT— for such proposals

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other (specify)	
2. Name of Operator Willard Pease Oil and Gas Co.	
3. Address of Operator P.O. Box 1874, Grand Junction, CO 81502	4. Telephone Number 303-245-5917
5. Location of Well Footage : 500' FSL, 2140' FEL County : Grand QQ, Sec. T., R., M. : T17S, R24E, Sec. 6 SLB & M State : UTAH	

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

NOTICE OF INTENT (Submit in Duplicate)	SUBSEQUENT REPORT (Submit Original Form Only)
<input type="checkbox"/> Abandonment <input type="checkbox"/> New Construction <input type="checkbox"/> Casing Repair <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Change of Plans <input type="checkbox"/> Recompletion <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Shoot or Acidize <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Multiple Completion <input type="checkbox"/> Water Shut-Off <input type="checkbox"/> Other _____ Approximate Date Work Will Start _____	<input type="checkbox"/> Abandonment * <input type="checkbox"/> New Construction <input type="checkbox"/> Casing Repair <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Change of Plans <input type="checkbox"/> Shoot or Acidize <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Water Shut-Off <input type="checkbox"/> Other _____ Date of Work Completion _____ Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form. * Must be accompanied by a cement verification report.

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

Annual Status Report of shut-in, temporarily abandoned, and suspended drilling wells.

 Well shut-in due to gas prices. Will place on line when economically feasible.

RECEIVED
 JAN 22 1992
 DIVISION OF
 OIL GAS & MINING

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

Name & Signature <u>Willard Pease</u>	Title <u>President</u>	Date <u>1-15-92</u>
---------------------------------------	------------------------	---------------------

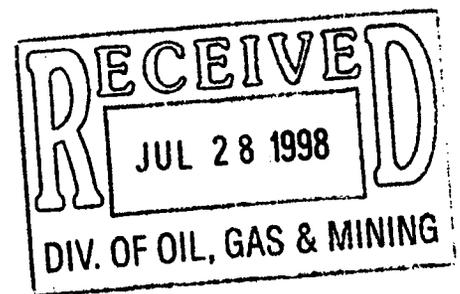
(State Use Only)

THE FOLLOWING METERS WILL HAVE CALIBRATION / SETTLEMENT TESTS RUN ON THE DATES INDICATED. STARTING TIME WILL BE 0800 OR AS SPECIFIED BELOW AND AT THE OFFICE OF THE NORTHWEST PIPELINE GRAND JUNCTION DISTRICT YOU WILL BE NOTIFIED SHOULD ANY CHANGES OCCUR IN THIS SCHEDULE. IF YOU HAVE ANY QUESTIONS ABOUT THE SCHEDULE, CONTACT OR WRITE THE DISTRICT OFFICE.

METER CODE	WELL NAME	LOC	RUN	DAY	MO/YR	STARTING TIME
92070018	Kewanee #1-28 19S. 23E. 28	06	05	10	10/85	1000
92071014	CISCO SPRINGS FEDERAL #9 20S. 23E. 14	06	05	13	11/85	1000
94068010	PEASE PURCHASE #2	06	05	13	11/85	1200
92107019	WESTWATER FEDERAL #10 17S. 24E. 2	06	07	10	10/85	1130
92083012	BAR CREEK UNIT #1 17S. 24E. 19	06	12	3	12/85	0800
92133010	CALF CANYON #5 20S. 21E. 11	06	13	4	10/85	0900



July 24, 1998



CERTIFIED - RETURN RECEIPT NO. Z 349 748 548

Attn: Lisha Cordova
State of Utah
Division of Oil, Gas & Mining
1594 West North Temple, Suite 1210
Salt Lake City, UT 84114-5801

Re: Change of Operator/Westwater M-10 Well
SW/4SE/4 Section 6-T17S-R24E
Grand County, Utah

Dear Lisha:

Enclosed is one copy of a Change of Operator form for the State's records.

Sincerely,

A handwritten signature in cursive script that reads "Susan Treece".

Susan Treece, C.P.L.
Land Consultant

ST:ms

Encl.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reenter a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.
U-13666

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

8. Well Name and No.
Westwater M-10

2. Name of Operator

H.W. Dougherty and Co.

9. API Well No.
43-019-30275

3. Address and Telephone No.

P.O. Box 1288 Monrovia, CA 91017-1288 (970) 858-1581

10. Field and Pool, or Exploratory Area
Westwater

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SWSE Sec.6 T17S R24E

11. County or Parish, State
Grand County, Utah

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

Notice of Intent
 Subsequent Report
 Final Abandonment Notice

TYPE OF ACTION

Abandonment
 Recompletion
 Plugging Back
 Casing Repair
 Altering Casing
 Other Change of Operator
 Change of Plans
 New Construction
 Non-Routine Fracturing
 Water Shut-Off
 Conversion to Injection
 Dispose Water

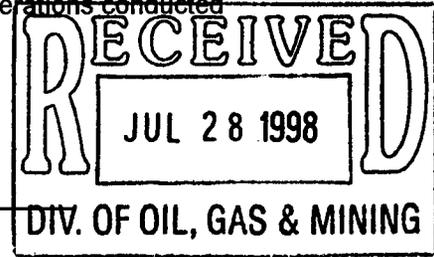
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. 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.)*

Effective July 1, 1998, H.W. Dougherty and Co. became the operator of the Westwater M-10 well.
H.W. Dougherty and Co. is responsible under the terms and conditions of the lease for operations conducted on the leased lands or portions thereof.

Bond coverage for this well will be provided by BLM Bond No. UT0858

Willard Pease Jr.
Willard Pease Jr.
Pease Oil and Gas Company



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

Signed David K. Farrell

Title Agent

Date 7/23/98

(This space for Federal or State office use)

Approved by _____

Title _____

Date _____

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

***See Instructions on Reverse Side**

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reenter a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

U-13666

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

8. Well Name and No.

Westwater M-10

9. API Well No.

43-019-30275

2. Name of Operator

H.W. Dougherty and Co.

10. Field and Pool, or Exploratory Area

Westwater

3. Address and Telephone No.

P.O. Box 1288 Monrovia, CA 91017-1288 (970) 858-1581

11. County or Parish, State

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SWSE Sec.6 T17S R24E

Grand County, Utah

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

Notice of Intent
 Subsequent Report
 Final Abandonment Notice

TYPE OF ACTION

Abandonment
 Recompletion
 Plugging Back
 Casing Repair
 Altering Casing
 Other Change of Operator

Change of Plans
 New Construction
 Non-Routine Fracturing
 Water Shut-Off
 Conversion to Injection
 Dispose Water

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

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H.W. Dougherty and Co. is responsible under the terms and conditions of the lease for operations conducted on the leased lands or portions thereof.

Bond coverage for this well will be provided by BLM Bond No. UT0858

RECEIVED
AUG 14 1998

Willard Pease Jr.
Willard Pease Jr.
Pease Oil and Gas Company

DIV. OF OIL, GAS & MINING

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

Signed David K Terrell

Title Agent

Date 7/23/98

(This space for Federal or State office use)

Approved by William B. Stringer

Assistant Field Manager,
Resource Management

Date AUG 5 1998

Conditions of approval, if any:

CONDITIONS OF APPROVAL ATTACHED

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instructions on Reverse Side

H.W. Dougherty and Company
Well No. Westwater M-10
SWSE Sec. 6, T. 17 S., R. 24 E.
San Juan County, Utah
Lease UTU13666

CONDITIONS OF APPROVAL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be advised that H.W. Dougherty and Company is considered to be the operator of the above well and is responsible under the terms and conditions of the lease for the operations conducted on the leased land.

Bond coverage for this well is provided by BLM Bond UT0858 (H.W. Dougherty and Company - Principal) as provided for in 43 CFR 3104.2.

This office will hold the aforementioned operator and bond liable until the provisions of 43 CFR 3106.7-2 continuing responsibility are met.

OPERATOR CHANGE WORKSHEET

Routing	
1-LEC ✓	6-LEC ✓ KA
2-GLH	7-KAS ✓
3-DTS ✓	8-SI ✓
4-VLD ✓	9-FILE
5-RET ✓	

Attach all documentation received by the division regarding this change.
Initial each listed item when completed. Write N/A if item is not applicable.

- Change of Operator (well sold) Designation of Agent
- Designation of Operator Operator Name Change Only

The operator of the well(s) listed below has changed, effective: 7-1-98

TO: (new operator) DOUGHERTY, H. W.
(address) 1390 N MCDOWELL BLVD G266
PETALUMA CA 94954
Phone: (707)773-1236
Account no. N9790

FROM: (old operator) PEASE OIL & GAS COMPANY
(address) PO BOX 60219
GRAND JCT CO 81506
Phone: (970)245-5917
Account no. N1080

WELL(S) attach additional page if needed:

Name: <u>WESTWATER M-10/DKTA</u>	API: <u>43-019-30275</u>	Entity: <u>2495</u> S <u>6</u> T <u>17S</u> R <u>24E</u>	Lease: <u>U13666</u>
Name: _____	API: _____	Entity: _____ S _____ T _____ R _____	Lease: _____
Name: _____	API: _____	Entity: _____ S _____ T _____ R _____	Lease: _____
Name: _____	API: _____	Entity: _____ S _____ T _____ R _____	Lease: _____
Name: _____	API: _____	Entity: _____ S _____ T _____ R _____	Lease: _____
Name: _____	API: _____	Entity: _____ S _____ T _____ R _____	Lease: _____

OPERATOR CHANGE DOCUMENTATION

1. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form). (rec'd 7-28-98)
2. (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). (rec'd 7-28-98)
3. The **Department of Commerce** has been contacted if the new operator above is not currently operating any wells in Utah. Is the company **registered with the state?** (yes/no) _____ If yes, show company file number: _____
4. **FOR INDIAN AND FEDERAL WELLS ONLY.** The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of **Federal** and **Indian** well operator changes should ordinarily take place prior to the division's approval, and before the completion of **steps 5 through 9** below.
5. Changes have been entered in the **Oil and Gas Information System** (3270) for each well listed above. (8-14-98)
6. **Cardex** file has been updated for each well listed above. (8-14-98)
7. Well **file labels** have been updated for each well listed above. (8-14-98) *New Filing System
8. Changes have been included on the monthly "Operator, Address, and Account Changes" **memo** for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. (8-14-98)
9. A folder has been set up for the **Operator Change file**, and a copy of this page has been placed there for **reference during routing and processing of the original documents.**

ENTITY REVIEW

- Yes 1. (r649-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes no) ____ If entity assignments were changed, attach copies of Form 6, Entity Action Form.
- N/A 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been notified through normal procedures of entity changes.

BOND VERIFICATION - (FEE WELLS ONLY)

- N/A Yes 1. (r649-3-1) The NEW operator of any fee lease well listed above has furnished a proper bond.
- __ 2. A copy of this form has been placed in the new and former operator's bond files.
- __ 3. The FORMER operator has requested a release of liability from their bond (yes/no) ____, as of today's date _____. If yes, division response was made to this request by letter dated _____.

LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

- N/A Yes 1. Copies of documents have been sent on _____ to _____ at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
- N/A Yes 2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated _____ 19 ____, of their responsibility to notify all interest owners of this change.

FILMING

- Yes 1. All attachments to this form have been microfilmed. Today's date: 12-8-98.

FILING

- __ 1. Copies of all attachments to this form have been filed in each well file.
- __ 2. The original of this form, and the original attachments are now being filed in the Operator Change file.

COMMENTS

980814 BLM/Maab Apr. 8-5-98.

