

FILE NOTATIONS

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

Checked by Chief .....  
 Approval Letter .....  
 Disapproval Letter .....

COMPLETION DATA:

Date Well Completed *7-10-76*  
*S.I.*  
 ..... WW..... TA.....  
 ..... OS..... PA.....

Location Inspected .....  
 Bond released  
 State or Fee Land .....

LOGS FILED

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

7-10-76- Shut-in all well

9-29-78- Plugged & Abandoned

*Copy/attach file*

# Gordon Engineering, Inc.

Consulting Engineers  
Specialists in Oil & Gas

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

May 24, 1976



Re: Application for a Permit to Drill, Cisco Springs North Area, Federal Well #1-5, 600' FNL, 1520' FWL, Sec. 5-20S-23E, Federal Well #2-5, 1605' FSL, 775' FWL, Sec. 5-20S-23E, 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 Mr. Feight:

We are enclosing the APD's in triplicate for the above referenced Federal Wells. Please note that the wells do not conform with the general spacing regulations; however, they have been placed at these locations because of topography.

The Federal Lease on which these wells are located consists of 480 acres and is legally described as follows:

Township 20 South, Range 23 East, SLB & M  
Grand County, Utah  
Section 5: Lots 2, 3, and 4; SW $\frac{1}{2}$ NE $\frac{1}{4}$ ;  
S $\frac{1}{2}$ NW $\frac{1}{4}$ ; SW $\frac{1}{4}$ ; W $\frac{1}{2}$ SE $\frac{1}{4}$ .

As you can see, these proposed locations are well within the lease boundaries, and we request that your office grant a spacing exception and approve our APD due to topographic reasons.

Your cooperation is greatly appreciated, and should you need additional information or have any questions, please contact me at (303) 245-1958 or residence (303) 243-9599.

Very truly yours,

*John I. Gordon*  
John I. Gordon

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

*Topographic  
exception  
not needed  
Spaced OK under  
102-5*

DIVISION OF OIL, GAS, AND MINING

\*FILE NOTATIONS\*

Date: May 26-  
 Operator: Willard Pease Oil & Gas  
 Well No: Federal 2-5  
 Location: Sec. 5 T. 20S R. 23E County: Grand

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

Checked By:

Administrative Assistant: JN

Remarks:

Petroleum Engineer/Mined Land Coordinator: \_\_\_\_\_

Remarks: J

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

Remarks:

*OK - Topo. Except. not needed under 102-5  
 Checked disburse to nearest Gas wells OK in this respect*

Include Within Approval Letter:

Bond Required  Survey Plat Required   
 Order No. 102-5  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:  102-5  Letter Written

June 1, 1976

Gordon Engineering Inc.  
P.O. Box 3052  
822 North Avenue  
Grand Junction, Colorado 81501

Re: Well No's:  
Willard Pease Oil & Gas Co.  
Federal #1-5 & Federal #2-5  
Sec. 5, T. 20 S, R. 23 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 the Order issued in Cause No. 102-5.

Should you determine that it will be necessary to plug and abandon these wells, 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 numbers assigned to these wells are:

Federal #1-5: 43-019-30286  
Federal #2-5: 43-019-30287

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

CLEON B. FEIGHT  
DIRECTOR

Willard Pease Oil & Gas  
 # 25 NWSW  
 Sec 5-20s-23E  
 U-14654  
 Grand County Utah  
 BLM - Neqgly  
 USGS - ALEXANDER  
 Pease - Gordon  
 Enhance  
 No Effect  
 Minor Impact  
 Major Impact.

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

Land Use	Flora & Fauna	Phy. Charact.	Effect On Local Economy	Safety & Health
Forestry NA	Birds ✓	Air Quality ✓	0	✓
Grazing ✓ 0	Land Animals ✓	Erosion ✓	0	✓
Wilderness NA	Fish NA	Other		
Agriculture NA	Endangered Species <sup>None Known</sup>	Effect On Local Economy	0	
Residential-Commercial NA	Trees, Grass, Etc. ✓			
Mineral Extraction NA	Surface Water NA			
Recreation ✓ 0	Underground Water ?			
Scenic Views ✓ 1				
Parks, Reserves, Monuments NA				
Historical Sites NA				
Unique Physical Features NA				

Others Orig. Issue  
 cc: Reg - DND  
 BLM, Made w/o history  
 Utah Div of O & G M

Lease

U-654

Well No. & Location # 2-5 Sec 5-20s-23E.

Grand County Utah

ENVIRONMENTAL IMPACT ANALYSIS - ATTACHMENT 2-B

1. Proposed Action

- 1.) Willard Pease Oil & Gas Company proposes to drill a development oil & gas test well w/ rotary tools to approx 3500'.
- 2.) Proposes to construct a drill pad approx 250' x 200' and construct a reserve pit approx 40' x 30' x 10' deep.
- 3.) Proposes to construct approx 1/2 mile of new access road from well # 1-5. existing road will need no work.

2. Location and Natural Setting (existing environmental situation)

The well site falls on a relatively flat area ~~area~~ next to numerous deep drainages.

The vegetation is sparse sagebrush and assorted native grasses.

The wild life is sparse Antelope, small game and predators w/ no known endangered species.

There are no known Historical Sites that would be affected and no evidence of archaeological sites was noted.

Note: BLM has M&P for area - Book mtg - July 1975.

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

The drilling and completion of a dry hole or failure would have little long term effect on the environment. Discovery of an oil or gas deposit would ~~at~~ have moderate effect in that there are producing wells in the nearby area.

There would be moderate ~~of~~ scaring of the area which would require 2 to 5 years to rehab completely.

The drilling and associated traffic would add a minor amount of pollution to the air as well as temporarily disturbing livestock and wildlife.

There would be potential for minor induced and accelerated erosion due to surface disturbance for drill site and support traffic use.

### 4. Alternatives to the Proposed Action

Not Approving the proposed permit

Denying the proposed permit and suggesting an alternative location where ~~an~~ environmental damage would be lessened. No nearby locations could be found that would justify this action.

5. Adverse Environmental Effects Which Cannot Be Avoided

Temporary disturbance of Livestock and wildlife.

Temporary mess due to drilling activity and requiring about 2 to 5 years to Rehab.

Detraction from the aesthetics.

minor air pollution due to exhaust emissions from rig engines and support traffic.

potential for minor induced & accelerated erosion due to surface disturbances for access roads and drill sites and support traffic.

6. Determination

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

Date Inspected 6-8-76

Inspector [Signature]

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

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL [X] DEEPEN [ ] PLUG BACK [ ]

b. TYPE OF WELL OIL WELL [ ] GAS WELL [X] OTHER [ ] SINGLE ZONE [X] 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 1605' FSL, 775' FWL, Sec. 5, T20S, R23E, Grand County, Utah. At proposed prod. zone N.A.

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\* Approximately 13 miles North of Cisco, Utah

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 775'

16. NO. OF ACRES IN LEASE 480

17. NO. OF ACRES ASSIGNED TO THIS WELL 160

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 3200'

19. PROPOSED DEPTH 3500'

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 4841' G.L.

22. APPROX. DATE WORK WILL START\* July 1, 1976

23. PROPOSED CASING AND CEMENTING PROGRAM

Table with 5 columns: SIZE OF HOLE, SIZE OF CASING, WEIGHT PER FOOT, SETTING DEPTH, QUANTITY OF CEMENT. Rows include 12 1/4" hole with 7 5/8" casing and 6 3/4" hole with 4 1/2" casing.

We propose to move in, rig up, and drill a 12 1/4" hole to about 150'. 7 5/8" casing will be run and cemented to surface. BOP's will be installed and the casing pressure tested to 1000 psi. Drill out shoe and drill a 6 3/4" hole to about 3500' using air as the drilling medium. Load the hole with mud and run logs. If the hole is economically productive, 4 1/2" casing will be run and cemented. Should the hole be non-productive, permission will be secured and the well plugged and abandoned.

Sur. - Mancos  
2600' - Dakota  
2900' - Morr.

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

24. SIGNED [Signature] TITLE Consultant Engineer DATE 4/30/76

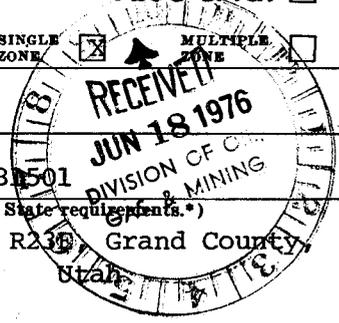
(This space for Federal or State office use)

PERMIT NO. 43-019-30287 APPROVAL DATE

APPROVED BY [Signature] TITLE DISTRICT ENGINEER DATE JUN 16 1976

CONDITIONS OF APPROVAL, IF ANY:

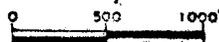
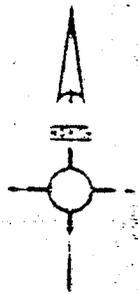
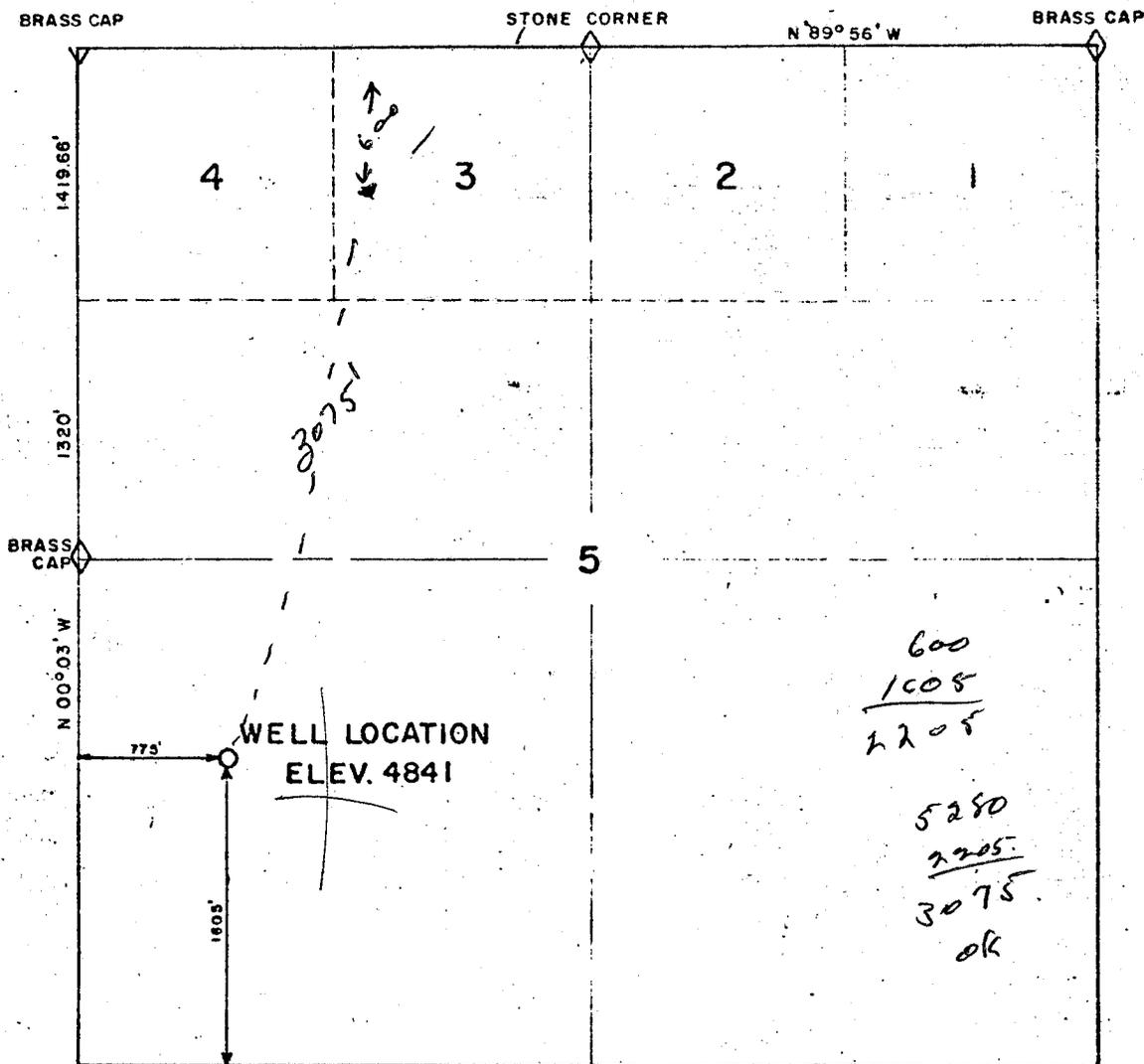
\*See Instructions On Reverse Side APPROVAL NOTICE - UTAH STATE OIL, GAS & MINING



WELL LOCATION

775 FT. FWL, 1605 FT. FSL, SECTION 5  
T. 20 S., R. 23 E., SLB & M

3400



I, J.N. BURKHALTER DO HEREBY CERTIFY THAT THIS PLAT WAS PLOTTED FROM NOTES OF A FIELD SURVEY MADE BY ME ON APRIL 24, 1976.

*J.N. Burkhalter*  
 J.N. BURKHALTER  
 REG. LAND SURVEYOR

WILLARD PEASE OIL & GAS CO.  
 FEDERAL WELL #2-5  
 SEC. 5, T. 20 S., R. 23 E.  
 GRAND COUNTY, UTAH  
 SCALE: 1" = 1000'

OIL & GAS CONSERVATION COMMISSION

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. U-14654
2. NAME OF OPERATOR Willard Pease Oil & Gas Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME P
3. ADDRESS OF OPERATOR P.O. Box 3052, Grand Junction, Colorado 81501		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1605' FSL, 775' FWL, Sec. 5, T20S, R23E, Grand County, Utah		8. FARM OR LEASE NAME Federal
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4841' G.L.	9. WELL NO. 2-5
		10. FIELD AND POOL, OR WILDCAT Cisco Springs North
		11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA Sec. 5, T20S, R23E, SLB & M
		12. COUNTY OR PARISH Grand
		13. STATE Utah

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	<input type="checkbox"/>

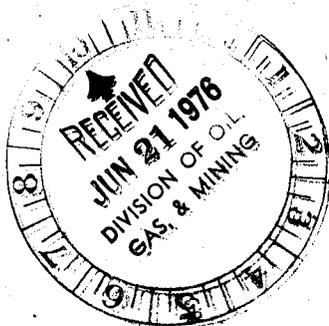
SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <u>Survey Plat</u> <input checked="" type="checkbox"/>	

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

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

As requested, we are attaching a certified location plat.



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

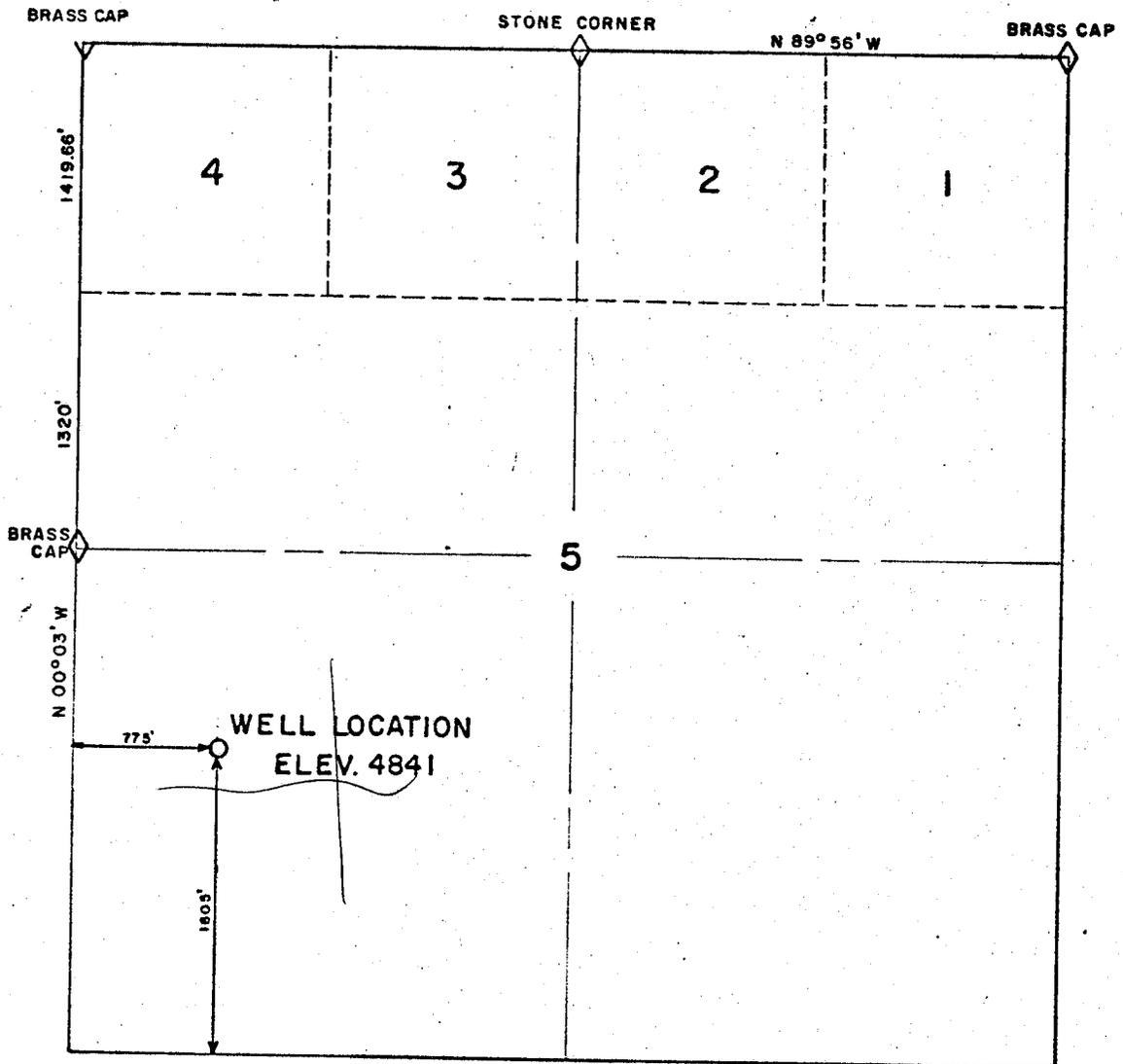
SIGNED [Signature] TITLE Consulting Engineer DATE 6-14-76

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

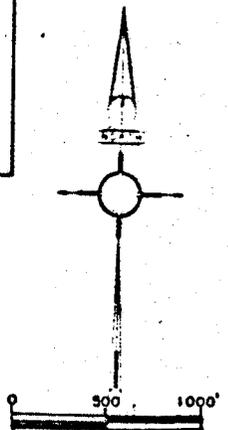
WELL LOCATION

775 FT. FWL, 1605 FT. FSL, SECTION 5  
T. 20 S., R. 23 E., SLB & M



I, J.N. BURKHALTER DO HEREBY CERTIFY THAT THIS  
PLAT WAS PLOTTED FROM NOTES OF A FIELD SURVEY  
MADE BY ME ON APRIL 24, 1976.

*J.N. Burkhalter*  
J.N. BURKHALTER  
REG. ENGINEER NO. 4187



WILLARD PEASE OIL & GAS CO.  
FEDERAL WELL #2-5  
SEC. 5, T. 20 S., R. 23 E.  
GRAND COUNTY, UTAH  
SCALE: 1" = 1000'

CIRCULATE TO:

DIRECTOR  
PETROLEUM ENGINEER  
MINE COORDINATOR  
ADMINISTRATIVE ASSISTANT  
ALL

RETURN TO Kathy  
FOR FILING



July 2, 1976

MEMO FOR FILING

Re: Willard Pease  
Federal 2-5  
Sec. 5, T. 20 S, R. 23 E.  
C NW SW  
Grand County, Utah

On June 30, 1976, a visit was made to the above referred to well site.

This well was spudded on June 30, 1976 at 8:00 P.M.

PATRICK L DRISCOLL  
CHIEF PETROLEUM ENGINEER

PLD:th

cc: U.S. Geological Survey

U.S. GEOLOGICAL SURVEY, CONSERVATION DIVISION



FROM: DISTRICT GEOLOGIST, SALT LAKE CITY, UTAH  
 TO: DISTRICT ENGINEER, SALT LAKE CITY, UTAH

Well	Location	Lease No.
Willard Pease Oil & Gas Co. # 2-5 Federal	1605' FSL, 775' FWL, sec. 5, T. 20 S., R. 23 E., Grand Co., Utah. Gr. El. 4841'	U-14654
<p>1. <b>Stratigraphy and Potential Oil and Gas Horizons.</b> Well will spud in gravels - mainly terraces and pediments undergoing erosion. May not be associated with stream activity. Willard Pease #1-506' in sec. 9, same township, reported the following tops: Dakota-1594', Buckhorn-1690', Morrison-1716'. T.D. 2050'.</p> <p>2. <b>Fresh Water Sands.</b> WRD reports: see page 2.</p> <p>3. <b>Other Mineral Bearing Formations. (Coal, Oil Shale, Potash, Etc.)</b> The coals of the Dakota are discontinuous and not considered economically important in this township. Fisher (USGS Bull. 852, p. 94) reported: "Inasmuch as the area embraced in Tps. 19, 20, and 21 S., Rs. 22 and 23 E. contains no coal resources of any value it is discussed as a unit for the sake of brevity."</p> <p>4. <b>Possible Lost Circulation Zones.</b> Lenticular sands of Dakota, Cedar Mtn., and Morrison Formations.</p> <p>5. <b>Other Horizons Which May Need Special Mud, Casing, or Cementing Programs.</b> Unknown.</p> <p>6. <b>Possible Abnormal Pressure Zones and Temperature Gradients.</b> Unknown.</p> <p>7. <b>Competency of Beds at Proposed Casing Setting Points.</b> Surface alluvium will cave if present.</p> <p>8. <b>Additional Logs or Samples Needed.</b> None.</p> <p>9. <b>References and Remarks</b> Approximately 3½ miles northwest of Cisco Springs KGS.</p>		
Date: July 29, 1976		Signed: <i>Eileen Marie Pera</i> ✓ State Oil & Gas

Depths of fresh-water zones:

Isabelle Thomas, Wildcat, Thomas No. 2

4,952 fnl, 1,575 fwl, sec. 13, T 20 S, R 23 E, SLBM, Grand County, Utah

Elev. 4,667 ft, test to 1,700 ft.

Formation tops, approx.:

Mancos Sh	surface
Dakota Ss	1,260 ft
Buckhorn Cgl	1,310 ft
Morrison Fm	1,360 ft
Entrada Ss	2,150 ft

There are no water wells on record in the near vicinity of this proposed oil test. Anomalous sand lenses may occur in the upper part of the Mancos Shale. If less than about 500 ft beneath the surface, they may contain useable water. The Ferron Sandstone Member of the Mancos, if present, may also contain useable water (saline but acceptable for stock). Formations at greater depths contain salty water or brine.

CTS  
1-28-70

# WILLARD PEASE OIL & GAS COMPANY

P. O. Box 548

Phone 242-6912

2457 Industrial Blvd.

GRAND JUNCTION, COLORADO 81501

## COMPOSITE DRILLING REPORT WILLARD PEASE OIL & GAS CO.

STATE NO. 5-2, Grand County, Utah

6/30/76	91' TD MI & RU	Drilling at 91' - 12-1/4" hole
7/1	206' TD	Ran 186' of 8-5/8" csg - cemented with 100 sx Class G + 3% CaCl <sub>2</sub> . Circ. 2 bbls cement to surface. Plugged down at 3:15 pm - nipples up
7/2	1174' TD	Drilling with air - 7-7/8" hole
7/3	1463' TD	Hole tight - out of gauge - drilling & reaming
7/4	2047' TD	Enc. some oil @ 1840' (No gauge)
7/5	2547' TD	Drilling with air mist - some oil returns
7/6	2710'	Commenced mudding up due to oil
7/7	2803'	PI mud lost returns, stuck pipe & 1460' - worked loose regained circ.
7/8	2893' TD	Commenced logging mw 9.2 vis 48
7/8		Fin. logging - drilling mw 8.8 vis 44
7/9	2901' TD	Lost circ.
7/10	2901' TD	Lost $\pm$ 2000 BM Regain circ. LDDP Ran 4-1/2" csg to TD - Cemented PD @ 11:45 PM
7/11	2901' TD	W.O.C. Released rig

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPPLICATE\*  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-14654

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal

9. WELL NO.

2-5

10. FIELD AND POOL, OR WILDCAT

Cisco Springs North

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

Sec. 5, T20S, R23E,  
SLB & M

12. COUNTY OR PARISH 13. STATE

Grand 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  
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 1605 FSL, 775 FWL, Section 5, T20S, R23E, Grand  
County, Utah

14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
4841 G.L.

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) Information <input type="checkbox"/>	<input checked="" type="checkbox"/>

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input type="checkbox"/>	

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

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

Well Spudded on June 30, 1976

Ran 168' of 8 5/8" surface casing and cemented to surface with 100 Sx of regular cement containing 3% CaCl<sub>2</sub>. Circulated 2 bbl cement to surface. Plug down at 3:15 P.M. 7-1-76.

Reached TD on 7-10-76.

Ran 2901' of 4-1/2"-9.5# casing and cemented. Plug down at 11:45 P.M. on 7-10-76.

Released rig on 7-11-76. Waiting on completion.

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

SIGNED [Signature] TITLE Consulting Engineer DATE 8-24-76

(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

LAND OFFICE UTAH  
LEASE NUMBER U-14654  
UNIT \_\_\_\_\_

LESSEE'S MONTHLY REPORT OF OPERATIONS

State UTAH County GRAND Field CISCO SPRINGS

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 Melanie Seaton

Phone 801/364-6217 Agent's title Asst. Secy. Clerk

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If done, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)	
5 NW 1/4 SW 1/4	20S	23E	2-5	-	-	-	-	-	-	SHUT IN	
TOTALS						MCF		BO	BW		
GAS: (MCF)					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			

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.



CALVIN L. RAMPTON  
*Governor*

OIL, GAS, AND MINING BOARD

GORDON E. HARMSTON  
*Executive Director,*  
NATURAL RESOURCES

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS, AND MINING

1588 West North Temple

Salt Lake City, Utah 84116

(801) 533-5771

GUY N. CARDON  
*Chairman*

CHARLES R. HENDERSON  
ROBERT R. NORMAN  
JAMES P. COWLEY  
HYRUM L. LEE

CLEON B. FEIGHT  
*Director*

October 13, 1976

Willard Pease Oil & Gas Co.  
P. O. Box 3952  
Grand Junction, Colorado 81501

Re: Well No. Federal 2-5  
Sec. 5, T. 20S, R. 23E  
Grand County, Utah

Gentleman:

This letter is to advise you that the Well Completion or Recompletion Report and Log for the above referred to well is due and has not been filed with this office as required by our rules and regulations.

Please complete the enclosed form OGC-3 in duplicate, and forward them to this office as soon as possible.

Thank you for your cooperation relative to the above.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

KATHY OSTLER  
RECORDS CLERK

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LAND OFFICE UTAH  
LEASE NUMBER U-14654  
UNIT \_\_\_\_\_

## LESSEE'S MONTHLY REPORT OF OPERATIONS

State UTAH County GRAND Field CISCO SPRINGS

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. Secy. Prod.

BEC. 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 result of test for gasoline content of sand)
5 NW 1/4 SW 1/4	20S	23E	2-5	-	-	-	-	-	-	SHUT IN
TOTALS						MCF		BO	BW	
GAS: (MFC)				OIL or CONDENSATE: (bbls)			WATER DISPOSITION (bbls)			
Sold				NONE			Pit			
Vented/flared				NONE			NONE			
Used on lease				NONE			Injected			
Lost				NONE			Unavoidably Lost			
Reason				NONE			Reason			
							Other			

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 duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

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

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: 570 Kennecott Bldg. Salt Lake City, Utah

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface: NW SW Sec. 5, T.20S., R.23E, SLM.  
At top prod. interval reported below:  
At total depth: 1605' fr. S-line & 775' fr. W-line

5. LEASE DESIGNATION AND SERIAL NO.: U-14654

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

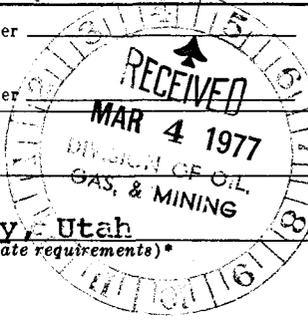
9. WELL NO.: Federal

10. FIELD AND #, OR WILDCAT: #205

11. SECTION, T., R., M., OR BLOCK AND SURVEY OR AREA: Cisco Springs North N.W.S.W. Sec.5-20S-23E

12. COUNTY OR PARISH

13. STATE



14. PERMIT NO. DATE ISSUED

15. DATE SPUEDD: June 30 1976

16. DATE T.D. REACHED: July 10 1976

17. DATE COMPL. (Ready to prod.): Pending

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\*: 4841' ord. 4951' K.B.

19. ELEV. CASINGHEAD: 4842'

20. TOTAL DEPTH, MD & TVD: 2901'

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

22. IF MULTIPLE COMPL., HOW MANY\*

23. INTERVALS DRILLED BY: rotary

ROTARY TOOLS: rotary

CABLE TOOLS

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

25. WAS DIRECTIONAL SURVEY MADE: no

26. TYPE ELECTRIC AND OTHER LOGS RUN

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
85/8"	32.00#	186'	12 1/4"	100 sks	none
4 1/2"	9.50#	2901	7 7/8"	85 sks	none

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"	2605'	

31. PERFORATION RECORD (Interval, size and number)

2700-10 (10 holes)
2718-25 (7 holes)
2750-55 (5 holes)
2765' (1 hole)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
2700'-2765'	Washed with 200 bbl of Kcl water to clean out HLD.

33.\* PRODUCTION

DATE FIRST PRODUCTION: NONE

PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)

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.

WATER/GAS RATIO

FLOW. TUBING PRESS.

CASING PRESSURE

CALCULATED 24-HOUR RATE

OIL—BBL.

GAS—MCF.

WATER—BBL.

OIL GRAVITY-API (CORR.)

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

TEST WITNESSED BY

35. LIST OF ATTACHMENTS: 1 Copy IES log & 1 copy Compensated-Nuetron-Density log.

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

SIGNED: H. Alan Gungley TITLE: Cons. Geol. DATE: March 3, 1977

\*(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 IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES		38. GEOLOGIC MARKERS	
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Mancos Dakota Cedar Mt.	Surface 2718 2800'7	2718' 2800'7 T.D.	<p style="text-align: center;">Shale Sand &amp; Shale Sand &amp; Shale</p> <p style="text-align: center;">Note: Well was plugged by mud. Lost about 2000cubl. mud into production zone. Tried to wash &amp; blow mud out after perforating without success. Well is now temporarily suspended.</p>
	NAME	MEAS. DEPTH	TOP TRUE VEERT. DEPTE

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

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

Form approved.  
Budget Bureau No. 42-R1424.

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>Dry hole</u>		5. LEASE DESIGNATION AND SERIAL NO. <u>U-14654</u>
2. NAME OF OPERATOR <u>Willard Pease Oil &amp; Gas Co.</u>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR <u>570 Kennecott Building, Salt Lake City, Utah 84133</u>		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <u>1605' FSL, 775' FWL, Sec. 5, T20S, R23E Grand County, Utah</u>		8. FARM OR LESSEE NAME <u>Federal</u>
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.)	9. WELL NO. <u>2-5</u>
		10. FIELD AND POOL, OR WILDCAT <u>Cisco Springs, North</u>
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <u>Sec. 5, T20S, R23E SLB&amp;M</u>
		12. COUNTY OR PARISH <u>Grand</u>
		13. STATE <u>Utah</u>

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input checked="" type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	
(Other) <input type="checkbox"/>			

\*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.)\*

Move in and rig up rig on 9-27-78. Pull tubing and cut casing off at 1920 ft. Pull and lay down 55 joints of 4-1/2" 10.5# casing. Set cement plugs at:

2400' - 2800'	35SX
1770' - 1970'	50SX
136' - 236'	25SX
Surface	10SX w/regulation marker

Operations complete on 9-29-78  
Final cleanup and restoration should be done by fall of 1979.

APPROVED BY THE DIVISION OF  
OIL, GAS, AND MINING  
DATE: Oct. 22, 1978  
BY: Ph. Russell

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

SIGNED [Signature] TITLE Consulting engineer DATE 10/23/78

(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 TRIPLICATE\*  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-14654

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal

9. WELL NO.

2-5

10. FIELD AND POOL, OR WILDCAT

Cisco Springs, North

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

NW SW Sec 5 T20S R23E SLB&M

12. COUNTY OR PARISH

GRAND

13. STATE

UTAH

1.  OIL WELL  GAS WELL  OTHER Surface Restoration

2. NAME OF OPERATOR  
Willard Pease Oil & Gas Company

3. ADDRESS OF OPERATOR  
570 Kennecott Bldg, SILC, UT 84133

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\* See also space 17 below.)  
At surface  
1605' FSL, 775' FWL Sec 5, T20S, R23E

14. PERMIT NO.

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

4841' GL

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREAT

MULTIPLE COMPLETE

FRACTURE TREATMENT

ALTERING CASING

SHOOT OR ACIDIZE

ABANDON\*

SHOOTING OR ACIDIZING

ABANDONMENT\*

REPAIR WELL

CHANGE PLANS

(Other)

(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.)\*

Surface restoration:

6/12/79 Cleaned up well site and road work was done.

6/13/79 Cleaned out low water crossing and contoured well site.

January 1980 Restored site, reseeded and harrowed.

BIM in Moab, Utah has been notified.

**RECEIVED**

MAR 14 1980

DIVISION OF  
OIL, GAS & MINING

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

SIGNED \_\_\_\_\_

TITLE Ass't Secretary

DATE March 13, 1980

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

cc: State of Utah  
KRM Petroleum

\*See Instructions on Reverse Side