

FILE NOTATIONS

Entered in NID File
Location Map Pinned
Card Indexed

Checked by Chief P.W.B.
Approval Letter 10-18-91
Disapproval Letter

COMPLETION DATA:

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

Location Inspected
Bond released
State or Fee Land

LOGS FILED

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

PH 13

	X		

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION
 SALT LAKE CITY, UTAH

Fee and Patented.....
 State.....
 Lease No. U-089720.....
 Public Domain.....
 Lease No.
 Indian.....
 Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

Notice of Intention to Drill.....	<input checked="" type="checkbox"/>	Subsequent Report of Water Shut-off.....	
Notice of Intention to Change Plans.....	<input type="checkbox"/>	Subsequent Report of Altering Casing.....	
Notice of Intention to Redrill or Repair.....	<input type="checkbox"/>	Subsequent Report of Redrilling or Repair.....	
Notice of Intention to Pull or Alter Casing.....	<input type="checkbox"/>	Supplementary Well History.....	
Notice of Intention to Abandon Well.....	<input type="checkbox"/>		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

October 15, 19 71

Well No. 6 is located 1980 ft. from ~~NSX~~S line and 1981.5 ft. from ~~NSX~~E line of Sec. 14
NW/4 - SE/4 - Sec 14 39S 22E
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Cowboy San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 4734 feet.

A drilling and plugging bond has been filed with

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important work, surface formation, and date anticipate spudding-in.)

It is intended to drill 12-1/4" hole to 250', cement to surface. Drill 7-7/8" hole to 5750' or sufficient depth to test the Ismay Formation.

Still maintaining 80 acre spacing

Subal appraisal 10-171

*CRWSE
43-037-35070*

I understand that this plan of work must receive approval in writing by the Commission before operations may be commenced.

Company..... Willard Pease Drilling Company
 Address..... Box 548 By..... W.A. Pease
Grand Junction, Colo. Title..... President

INSTRUCTIONS: A plat or map must be attached to this form showing the location of all leases, property lines, drilling and producing wells, within an area of sufficient size so that the Commission may determine whether the location of the well conforms to applicable rules, regulations and orders.

PRESSURE DATA

Instrument No.	J-301			Field Report No. 18546 B
Capacity (P.S.I.G.)	4700			
Instrument Depth	5706'			
Instrument Opening	INSIDE			
Pressure Gradient P.S.I./Ft.				
Well Temperature °F.	-			TIME DATA
				Time Given Time Computed
Initial Hydrostatic Mud	A	2843		
Initial Shut-in	B *	2120		30 Mins. 31 Mins.
Initial Flow	C	39		15 Mins. 14 Mins.
	C-1	99		- Mins. - Mins.
	C-2	96		- Mins. - Mins.
Final Flow	D	171		90 Mins. 85 Mins.
Final Shut-in	E *	2155		90 Mins. 91 Mins.
Final Hydrostatic Mud	F	2843		
Remarks:	C-3	163		
	C-4	151		

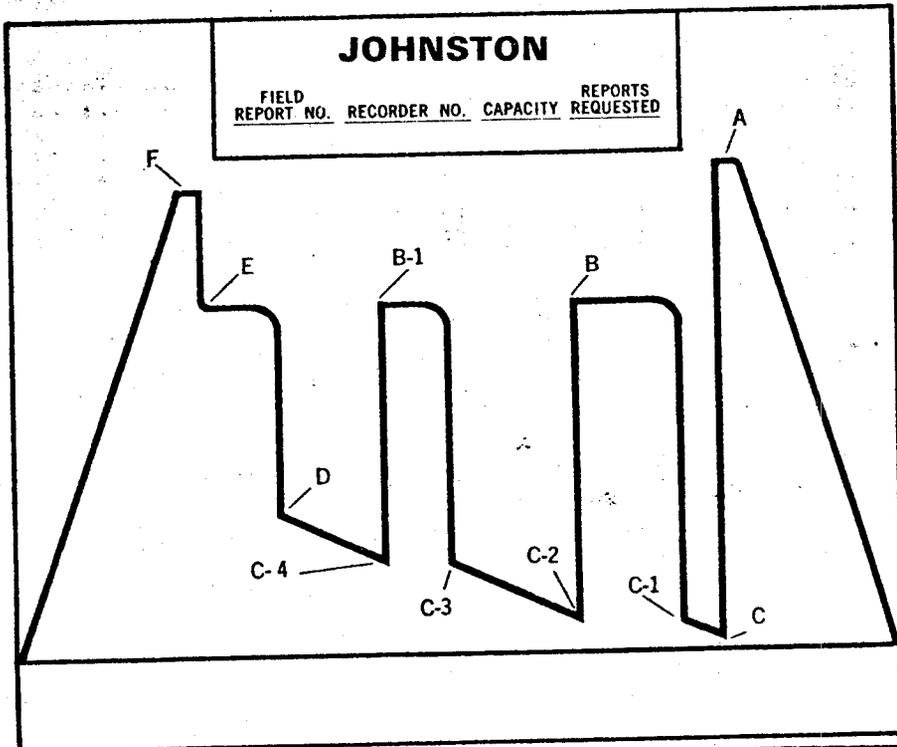
READ AT 150° F.

* Shut In pressure did not reach static reservoir pressure. Clock Travel 0.02305 inches per min.

PRESSURE INCREMENTS

INITIAL SHUT-IN				FINAL SHUT-IN				
Point Minutes	Pressure	$\frac{T + \Delta t}{\Delta t}$	Point Minutes	Pressure	$\frac{T + \Delta t}{\Delta t}$	Point Minutes	Pressure	$\frac{T + \Delta t}{\Delta t}$
C-1	0	99				D	0	171
	3	314					5	475
	6	556					10	868
	9	835					15	1500
	12	1168					20	1971
	15	1566					25	2066
	18	1884					30	2094
	21	2028					35	2110
	24	2080					40	2120
	27	2103					45	2127
	30	2115					50	2132
B	31	2120					55	2137
							60	2141
							65	2144
							70	2147
							75	2149
							80	2151
							85	2153
							90	2154
						E	91	2155

GUIDE TO IDENTIFICATION OF DRILL STEM TEST PRESSURE CHARTS

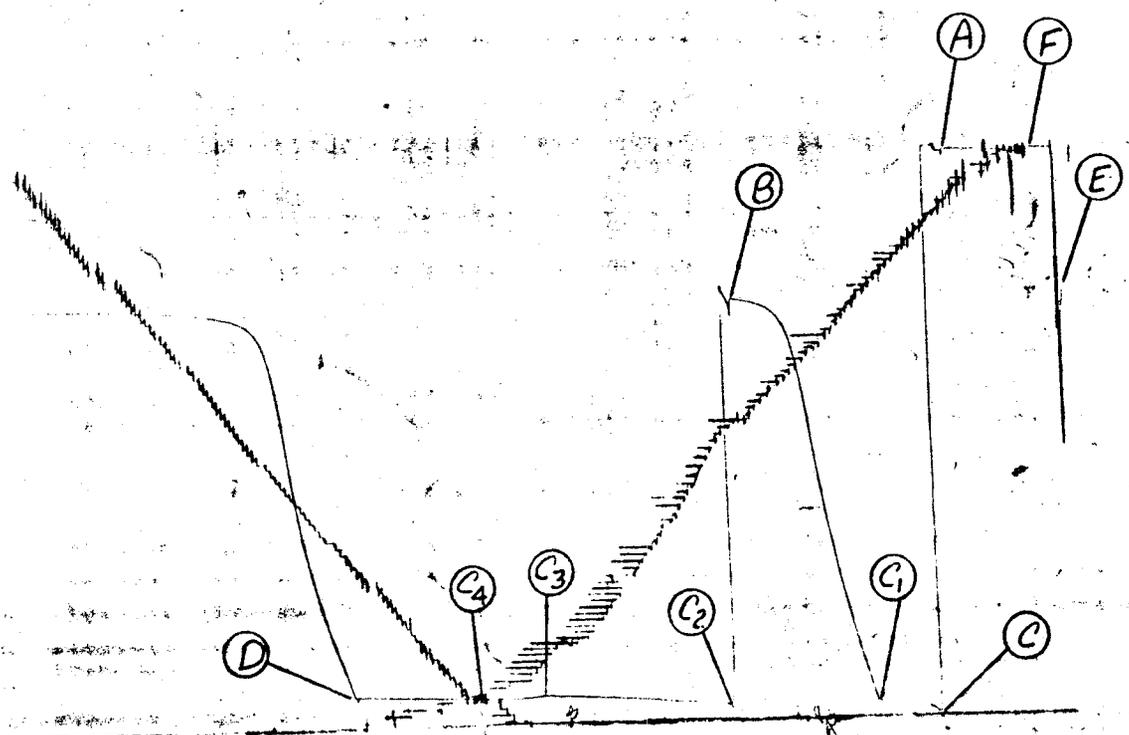


- A. Initial Hyd. Mud
- B. Initial Shut-in
- C. Initial Flow
- D. Final Flow
- E. Final Shut-in
- F. Final Hyd. Mud

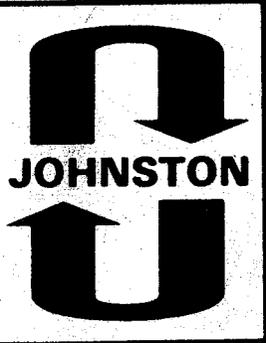
The following points are either fluctuating pressures or points indicating other packer settings, (testing different zones).

- A-1, A-2, A-3, etc. Initial Hyd. Pressures
- B-1, B-2, B-3, etc. Subsequent Shut-in Pressures
- C-1, C-2, C-3, etc. Flowing Pressures
- D-1, D-2, D-3, etc. Subsequent Final Flow Pressures
- E-1, E-2, E-3, etc. Subsequent Final Shut-in Pressures
- F-1, F-2, F-3, etc. Final Hyd. Mud Pressures
- Z — Special pressure points such as pumping pressure recorded for formation breakdown.

	FIELD REPORT NO.	RECORDER NO.
	18546 B	J-301
	CAPACITY	REPORTS REQUESTED
4700#	5-	



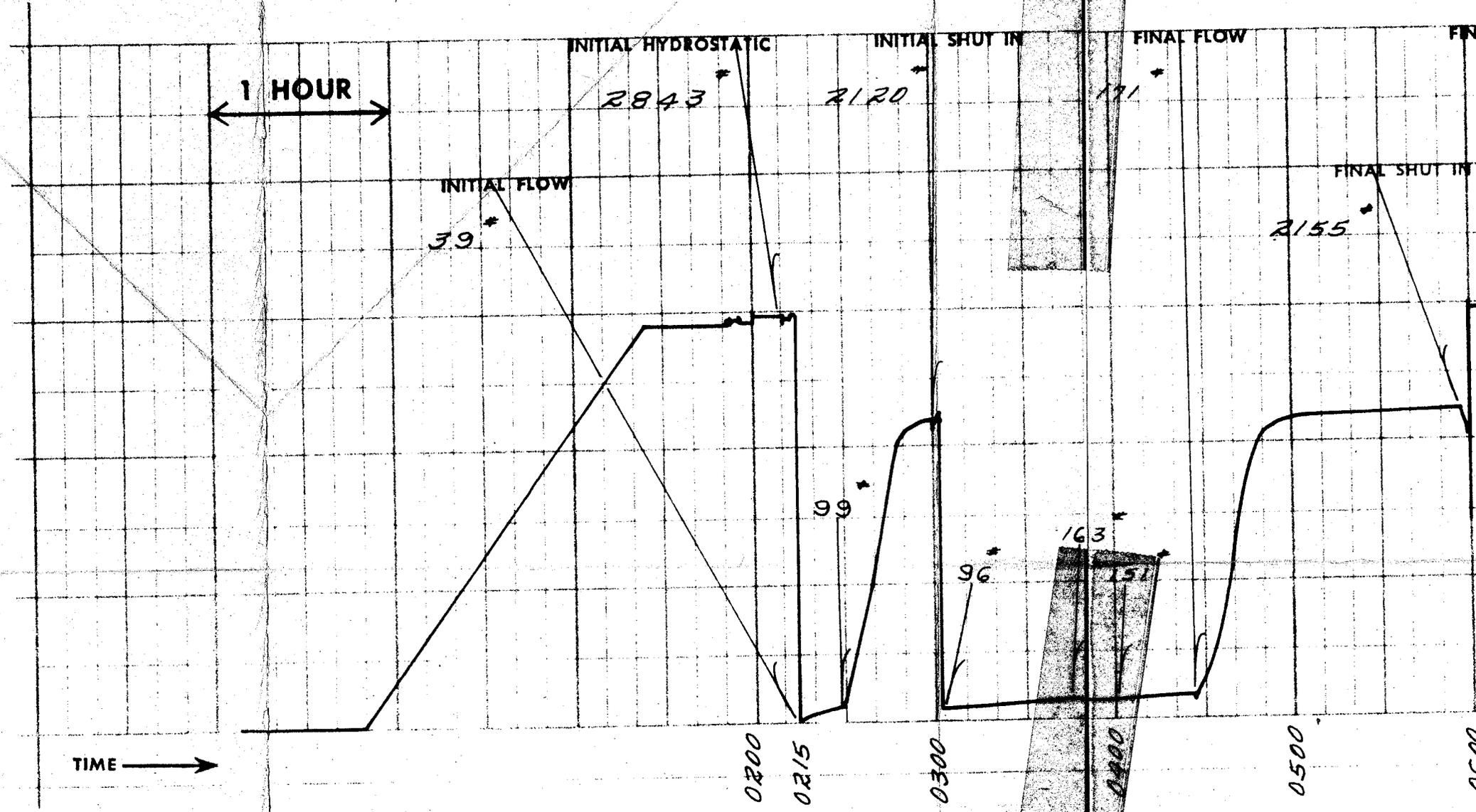
State - SLC, Utah

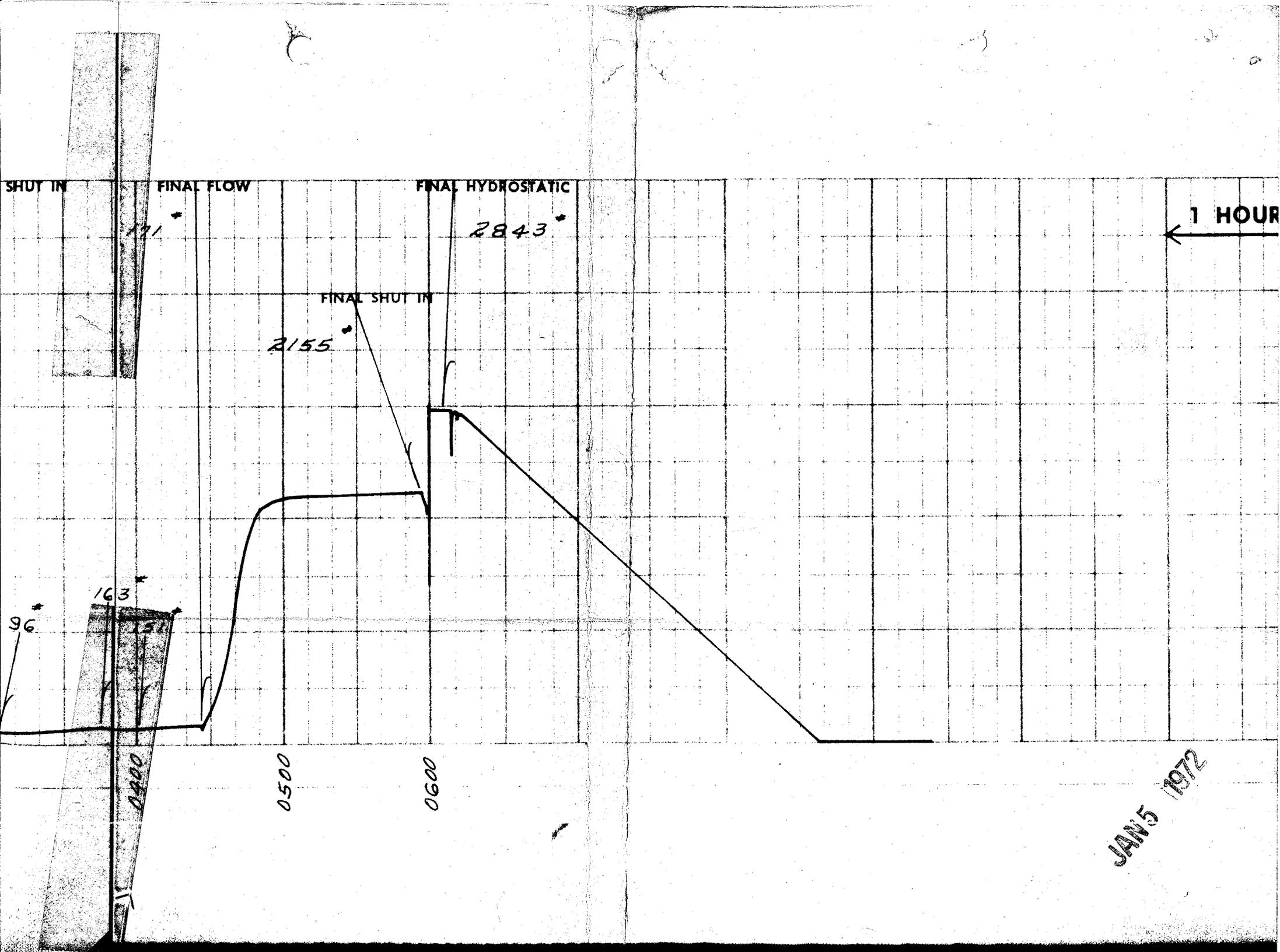


PRESSURE LOG*

Field Report No. 18546B
Instrument:
Number J-301
Capacity 4700 p.s.i.
Depth 5706 ft.

*a continuous tracing of the original chart





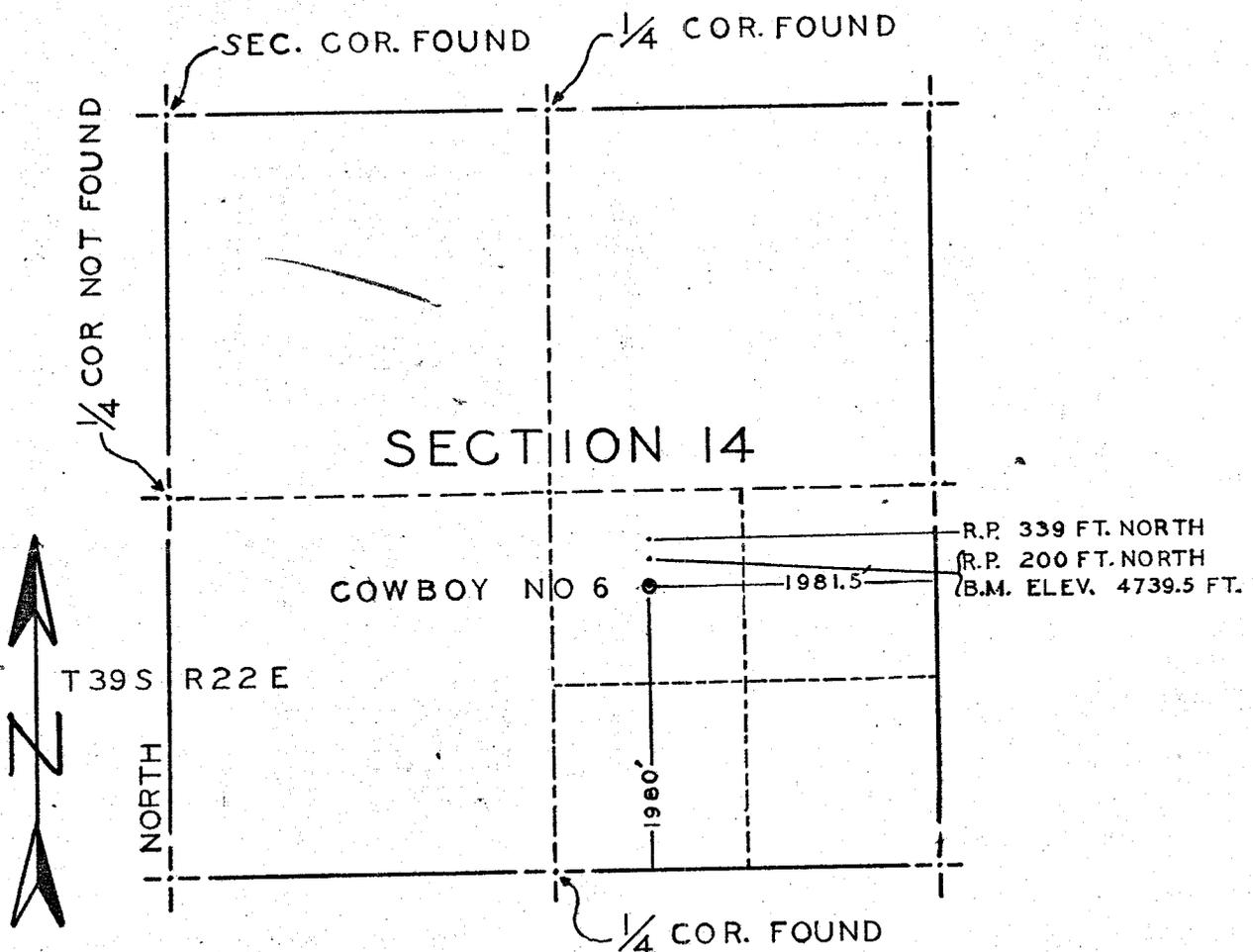
U. S. Government Oil and Gas Lease No. U 089720

MOUNTAIN FUEL SUPPLY Co. AND ALLIED CHEMICAL
Salt Lake City, Utah

Well Location - Cowboy Number 6

1981.5 feet from the East line and 1980 feet from the South line
of Section 14, T.39 S., R. 22 E., S.L.M., in San Juan County, Utah.

Elevation at Well - 4734 feet



SURVEYOR'S CERTIFICATE

I, Donald V. Blake, a registered Professional Land Surveyor licensed to practice in the State of Utah, do solemnly swear that the survey represented by this plat was performed by me on 9/27/71 and is true and correct to the best of my knowledge and belief.

Donald V Blake
Utah License No. 2759

October 18, 1971

Willard Pease Drilling Company
Box 548
Grand Junction, Colorado

Re: Well No. Cowboy Federal #6
Sec. 14, T. 39 S, R. 22 E,
San Juan County, Utah

Dear Sir:

Insofar as this office is concerned, approval to drill the above mentioned well is hereby granted. Said approval is granted in accordance with the verbal approval given you by Paul W. Burchell last week.

Should you determine that it will be necessary for you to plug and abandon this well, 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.

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

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

CLEON B. FEGGHT
DIRECTOR

CBF:sd

AMB

4

	X	

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION
 SALT LAKE CITY, UTAH

Fee and Patented.....
 State
 Lease No. U-089720
 Public Domain
 Lease No.
 Indian
 Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

Notice of Intention to Drill.....		Subsequent Report of Water Shut-off.....	
Notice of Intention to Change Plans.....		Subsequent Report of Altering Casing.....	
Notice of Intention to Redrill or Repair.....		Subsequent Report of Redrilling or Repair.....	
Notice of Intention to Pull or Alter Casing.....		Supplementary Well History.....	
Notice of Intention to Abandon Well.....	X		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

October 23, 1971

Well No. 6 is located 1980 ft. from ~~NW~~_S line and 1981 ft. from ~~SW~~_E line of Sec. 14

NW/4-SE/4-Sec. 14 39S 22E _____
(¼ Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Cowboy San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 4734 feet.

A drilling and plugging bond has been filed with _____

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important work, surface formation, and date anticipate spudding-in.)

- Is intended to place a 35 sk. plug from 5775' - 5675'
- A 35 sk plug from 3000' - 2900'
- A 35 sk plug from 1500' - 1400'
- A 35 sk plug in and out of surface.
- A 10 sk plug in top of surface casing with 4-1/2" dry hole marker 4' above ground.

APPROVED BY DIVISION OF OIL & GAS CONSERVATION

DATE 10-27-71
 BY CB Feight

I understand that this plan of work must receive approval in writing by the Commission before operations may be commenced.

Company Willard Pease Drilling Company
 Address P. O. Box 548 By W H Pease
Grand Junction, Colorado Title President

INSTRUCTIONS: A plat or map must be attached to this form showing the location of all leases, property lines, drilling and producing wells, within an area of sufficient size so that the Commission may determine whether the location of the well conforms to applicable rules, regulations and orders.

P.T.
P.M.C.
10

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

5. LEASE DESIGNATION AND SERIAL NO.

U-089720

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.

6

10. FIELD AND POOL, OR WILDCAT

Cowboy

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

NW 1/4, SE 1/4, Sec. 14
T39S, R22E

12. COUNTY OR PARISH

San Juan

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 DIFF. RESVR. Other _____

2. NAME OF OPERATOR

Willard Pease Drilling Company

3. ADDRESS OF OPERATOR

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

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

At surface

At top prod. interval reported below

At total depth

14. PERMIT NO. DATE ISSUED

15. DATE SPUDDED 16. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.) 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 19. ELEV. CASINGHEAD

10/5/71

10/22/71

4734 Gr.

20. TOTAL DEPTH, MD & TVD 21. PLUG, BACK T.D., MD & TVD 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 25. WAS DIRECTIONAL SURVEY MADE

0-5800

26. TYPE ELECTRIC AND OTHER LOGS RUN

Dual Induction - Laterolog Sonic-Gamma

27. WAS WELL CORED

No

No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#	258	12-1/4	125 sacks	none

29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
INTERVAL	SIZE	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
D&A			

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	

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

35. LIST OF ATTACHMENTS

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

SIGNED W. H. Pease

TITLE President

DATE 1/ /72

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUB VERT. DEPTH
Chinle	1690					
Shinurump	2416					
Moenkopi	2495					
Hermosa	4760					
Ismay	5596					
Lower Ismay	5721					

38. GEOLOGIC MARKERS

38.

JAN 24 1972

January 17, 1972

Willard Pease Drilling Company
Box 548
Grand Junction, Colorado

Re: Well No. Cowboy Federal #6
Sec. 14, T. 39 S, R. 22 E,
San Juan County, Utah

Gentlemen:

This letter is to advise you that the Subsequent Report of Abandonment and Plugging of the above referred to well is due and has not yet been filed with this office as required by Rule D-2, General Rules and Regulations and Rules of Practice and Procedure.

If possible, it would be appreciated if a "Well Completion or Recompletion Report and Log", together with a copy of any electric and/or radioactivity logs, were filed also.

Thank you for your prompt attention to the above.

Very truly yours,

DIVISION OF OIL AND GAS CONSERVATION

SCHEREE DeROSE
SUPERVISING STENOGRAPHER

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

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.)

<p>1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/></p> <p>2. NAME OF OPERATOR <u>Willard Pease Drilling Company</u></p> <p>3. ADDRESS OF OPERATOR <u>P. O. Box 548, Grand Junction, Colorado 81501</u></p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <u>1981FEL 1980 FSL</u></p>		<p>5. LEASE DESIGNATION AND SERIAL NO. <u>U-089720</u></p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</p> <p>7. UNIT AGREEMENT NAME</p> <p>8. FARM OR LEASE NAME <u>Federal</u></p> <p>9. WELL NO. <u>6</u></p> <p>10. FIELD AND POOL, OR WILDCAT <u>Cowboy</u></p> <p>11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA <u>NW 1/4, SE 1/4 Sec. 14 T39S, R22E</u></p> <p>12. COUNTY OR PARISH <u>San Juan</u></p> <p>13. STATE <u>Utah</u></p>
<p>14. PERMIT NO.</p>	<p>15. ELEVATIONS (Show whether DF, RT, GR, etc.) <u>4734 GL</u></p>	

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 checked="" type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(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.)*

<p>Plugged with 35 sacks cement</p> <p>Plugged with 35 sacks cement</p> <p>Plugged with 25 sacks cement</p> <p>Plugged with 10 sacks cement</p>	<p>5775-5669</p> <p>2900-2794</p> <p>235- 155</p> <p>Top surface pipe with 4-1/2" dry hole marker 4' above ground</p>
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18. I hereby certify that the foregoing is true and correct

SIGNED W Pease TITLE President DATE 1/18/72

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY: