

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

5. Lease Designation and Serial No.
ML-27237

6. If Indian, Allottee or Tribe Name
--

7. Unit Agreement Name
Patterson

8. Farm or Lease Name
Unit

9. Well No.
#2

10. Field and Pool, or Wildcat
Wildcat

11. Sec., T., R., M., or Blk. and Survey or Area

32 - 37S. - 25E. - SLB&M

12. County or Parrish 13. State
San Juan Utah

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
Wexpro Company

3. Address of Operator
P. O. Box 1129, Rock Springs, Wyoming 82901

4. Location of Well (Report location clearly and in accordance with any State requirements.*)
At surface 2134 FWL, 1824 FSL NE 1/4 SW 1/4

At proposed prod. zone

14. Distance in miles and direction from nearest town or post office*
34.6 miles north of Pleasant View, Colorado

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any) 1824 FSL to nearest property line
16. No. of acres in lease 600
17. No. of acres assigned to this well 1.98 acres

18. Distance from proposed location* to nearest well, drilling, completed, or applied for, on this lease, ft. N/A
19. Proposed depth 5,640'
20. Rotary or cable tools Rotary

21. Elevations (Show whether DF, RT, GR, etc.) 5320 GR, 5330 KB
22. Approx. date work will start* April 30, 1980

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#	1800'	1,100 Sks Reg. "G" w/3% CaCl. to surf.
7-7/8"	5-1/2"	17#	3840'	50-50 Pozmix to be determined from caliper logs

Wexpro Company proposes to drill the subject well to a depth of 5,640'. See attached 10-Point Plan for blowout preventer program and subsurface locations.

APPROVED BY THE DIVISION OF OIL, GAS, AND MINING

DATE: 4-2-80

BY: M.S. Winder

RECEIVED

MAR 31 1980

DIVISION OF OIL, GAS & MINING

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: Holly Marie Keeler Title: Environmental Specialist Date: 3/26/80

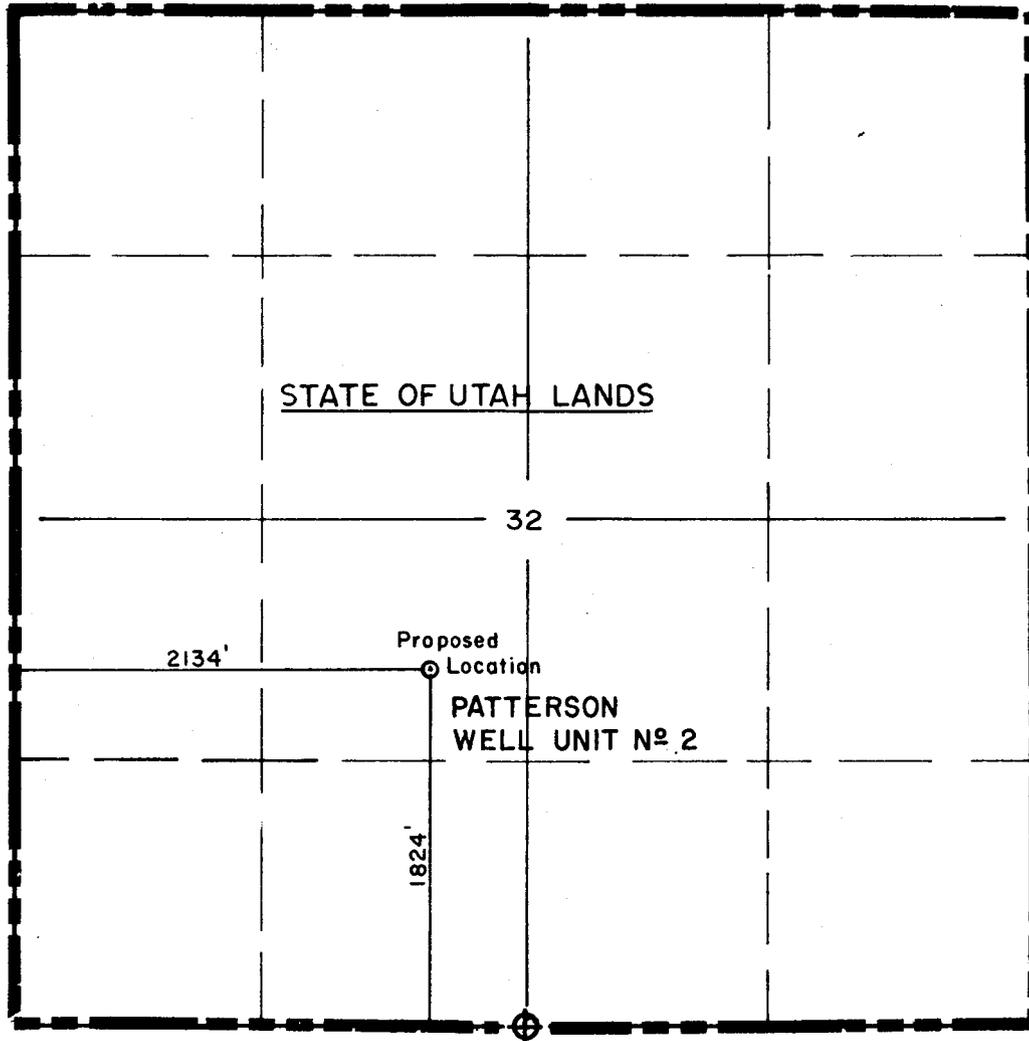
(This space for Federal or State office use)

Permit No. 43-037-30545 Approval Date 4/3/80

Approved by: _____ Title: _____ Date: _____

Conditions of approval, if any:

T.37 S., R.25 E., S.L.B. & M.
SAN JUAN COUNTY, UTAH

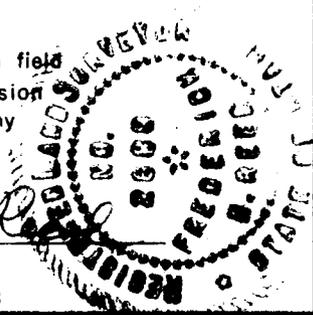


LOCATION PLAN
SCALE 1" = 1000'

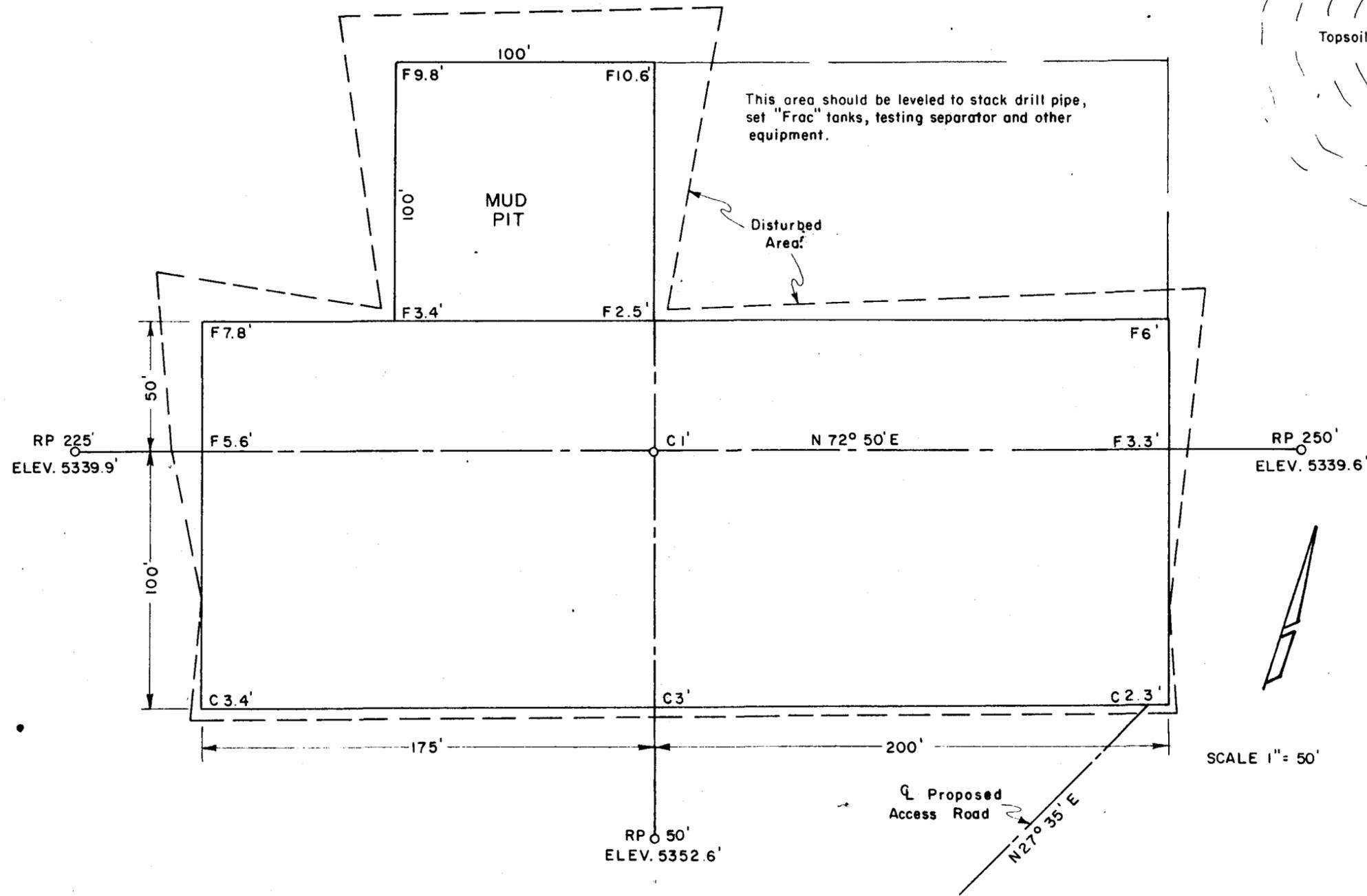
This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge.

Frederic H. Reed
ENGINEER

DATE: MARCH 17, 1980 FILE NO. 80008



REVISIONS				 WEXPRO COMPANY
NO.	DESCRIPTION	DATE	BY	
				CERTIFIED WELL LOCATION AND WELL SITE PLAN PATTERSON WELL UNIT NO. 2 San Juan Co., Utah DRAWN: CRW 3/25/80 SCALE: AS NOTED CHECKED: DTM APPROVED: <i>RWH</i>
				DRWG. NO. M-14264



ENLARGED WELL SITE PLAN
SCALE 1" = 50'

GENERAL NOTES:

At sites where topsoil is present, some is to be removed and stored on the adjacent land for restoration at the site when required. 1600 Cubic yards or the top 6" of topsoil is to be stockpiled.

Mud pit and garbage pit are to be fenced and unlined

For well location profiles see drawing number M-

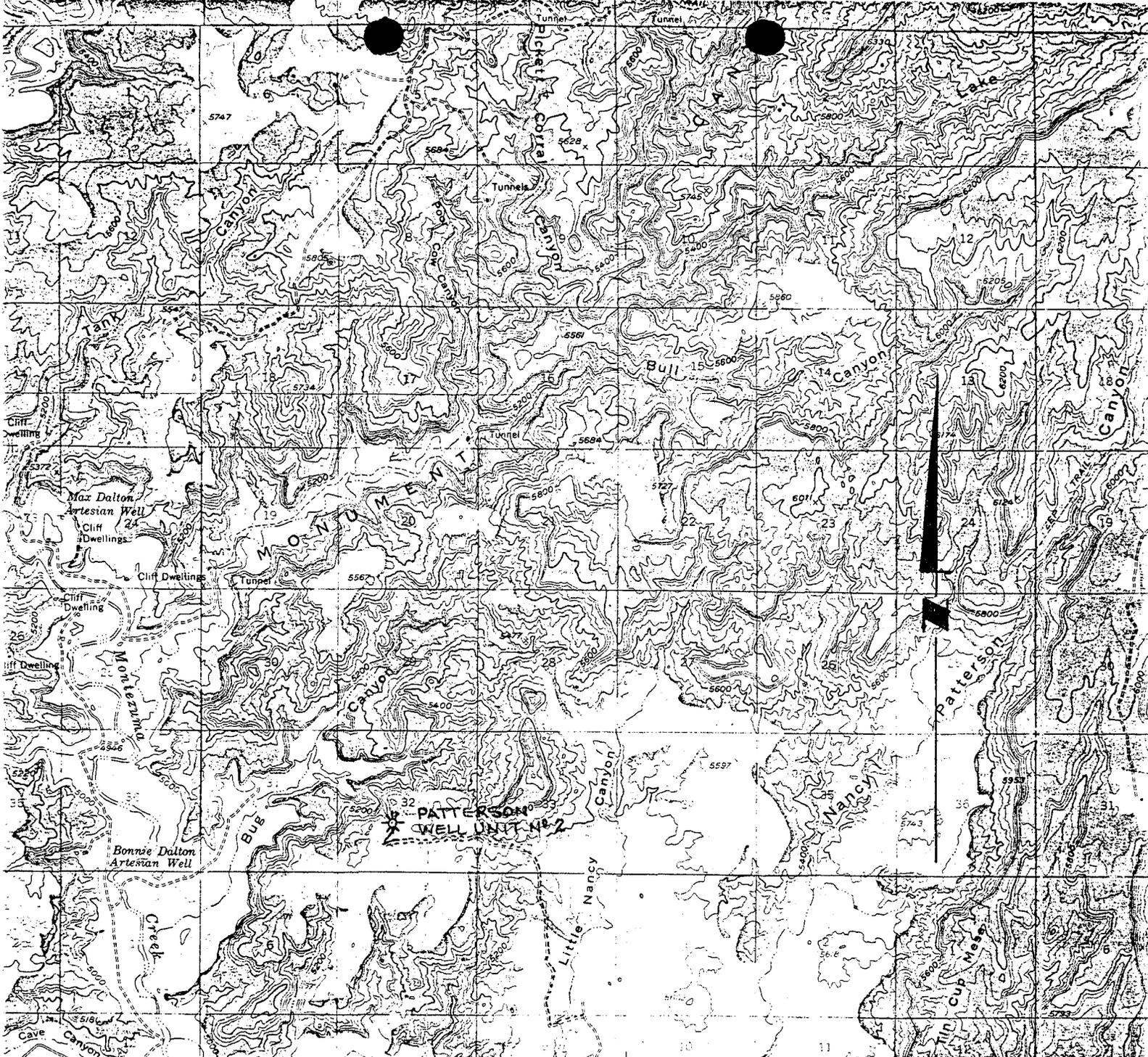
Area for well location is 1.98 Acres

Cuts are at 1:1, Fills are at 2:1

LEGEND	
	WELL
	STONE CORNER
	PIPE CORNER

ENGINEERING RECORD	
SURVEYED BY	CLARK REED & ASSOCS.
REFERENCES	G.L.O. PLAT <input checked="" type="checkbox"/> U.S.G.S. QUAD MAP <input checked="" type="checkbox"/>
LOCATION DATA	
FIELD	PATTERSON
LOCATION:	1824' North of the South line 2134' East of the West line of Section 32
	T 37 S, R 25 E, SLM
WELL ELEVATION:	5343' based on adjoining location.

DRILLING W.O.



134.6 MILES TO PLEASANT VIEW, COLORADO.

1" = 1 MILE

AREA MAP

PATTERSON WELL UNIT NO 2

WEXPRO COMPANY
 PATTERSON CANYON UNIT WELL NO. 2
 LEASE NO.: ML-27237
 Section 32, T.37S., R.25E.
 San Juan County, Utah
 10-Point Plan

1. The surface formation is Morrison.
2. Estimated tops of important geological markers are:

Morrison	Surface	
Entrada	660'	
Carmel	830'	
Navajo	910'	
Chinle	1,440'	
Shinarump	2,430'	
Moenkopi	2,570'	
Cutler	2,590'	
Honaker Trail	4,460'	
Paradox	4,940'	
Upper Ismay		5,335'
Lower-Upper Ismay		5,480'
Lower-Upper Ismay Porosity		5,510'
Lower Ismay		5,580'

Total Depth: 5,640' into Lower Ismay Shale

Objective Reservoir: Upper Ismay Porosity

3. Estimated depths of anticipated water, oil, gas or other mineral bearing formations expected:
 - A. No water flows expected.
 - B. Oil or gas expected in objective reservoirs (Upper Ismay Porosity 5,480' and Honaker Trail 4,460').
 - C. No mineral bearing formations anticipated.
4. Casing Program:

<u>Proposed</u>	<u>Footage</u>	<u>Size</u>	<u>Grade</u>	<u>Weight</u>	<u>Condition</u>	<u>Thread</u>
Surface	1,800'	9-5/8"	K-55	36#	New	8rd LT&C
Production	3,840'	5-1/2"	K-55	17#	New	8rd ST&C

Cement Program:

Surface: 1,100 sacks regular type "G" cement treated with 3% Calcium Chloride.

Production: 50-50 Pozmix Cement, composition to be determined from caliper logs, with an additional 20%. Salt content of mud will be checked to determine if salt saturated cement will be required.

Wexpro Company
Patterson Canyon Unit Well No. 2
Lease No.: ML-27237
S.32, T.37S., R.25E.
San Juan County, Utah
10-Point Plan

Page Two

5. Operator's minimum specifications for pressure control equipment requires a 10" 3000 psi annular preventer, 10" 3000 psi double gate blowout preventer with blind rams in the top and 4-1/2" pipe rams in the bottom, and a 6", 5000 psi double gate preventer with blind rams in bottom and 2-7/8" rams in top will be used during completion operations. See attached diagrams. Blowout preventer will be tested by rig equipment after each string of casing is run.
6. Fresh water with minimum properties from surface to 5,640'. Spud mud will be used for the surface hole. A mud de-sander will be used from under the surface casing to the total depth. 10-foot samples will be caught by the contractor from surface casing to 4,300' and the logging unit will catch 10-foot samples from 4,300' to total depth.

Sufficient mud materials to maintain mud requirements and to control minor lost circulation and blowout problems will be stored at the well site.

7. Auxiliary equipment will consist of:
 1. A manually operated kelly cock.
 2. No floats at bit.
 3. Mud will be monitored visually from 1600' to the total depth.
 4. Full opening Shafer floor valve manually operated.
8. One 60 foot core will be cut at a depth of 5,500 feet. One drill stem test at the Lower-Upper Ismay Porosity at 5,500 feet is planned. During drill stem testing or when a completion rig is completing a well, some flaring will be necessary of natural gas or produced gases.

Mechanical Logs:

DIL from below surface casing to total depth.
BSC-GR (integrated) with caliper from surface to total depth.
Sidewall Neutron with Gamma Ray from 4,300' to total depth.
Dipmeter from 4,300' to total depth.

The proposed completion zone is the Upper Ismay Porosity from 5,480' to 5,640'.
Another possible zone is the Honaker Trail at 4,460'.

- No stimulation is planned; if production zones should require stimulation, plans will be submitted prior to actual operations. Acidizing and fracturing programs would be determined after log and DST information had been fully evaluated.
9. No abnormal temperatures, pressures or H₂S is anticipated.
 10. The anticipated spud date is April 30, 1980.
Duration of drilling will be approximately 15 days with 2 days completion.

CHERRY 3000 EQUIPMENT

Standard Stock Requirements

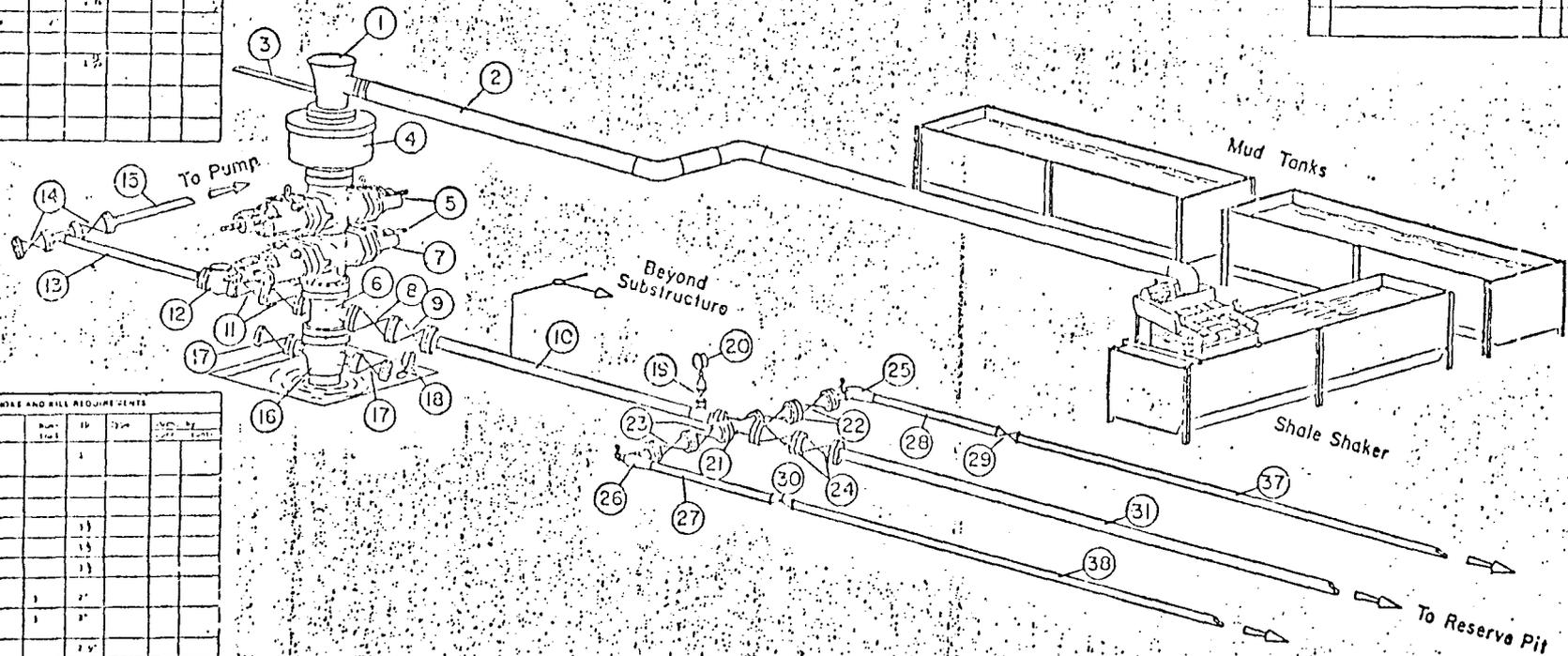
No.	Item	Qty	SP	Typ	Spec. by
1	Wellhead Flange				
2	Flange				
3	Flange Gasket	2"			
4	Blowout Preventer				
5	Wellhead or sub well				
6	Blowout Preventer with 2"				
7	Flange Gasket				
8	Wellhead or sub well				
9	Wellhead or sub well				
10	Wellhead or sub well				
11	Wellhead or sub well				
12	Wellhead or sub well				
13	Wellhead or sub well				
14	Wellhead or sub well				
15	Wellhead or sub well				
16	Wellhead or sub well				
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35	Wellhead or sub well				
36	Wellhead or sub well				
37	Wellhead or sub well				
38	Wellhead or sub well				
39	Wellhead or sub well				
40	Wellhead or sub well				

MOUNTAIN FUEL SUPPLY COMPANY

3000 psi BLOWOUT PREVENTION EQUIPMENT

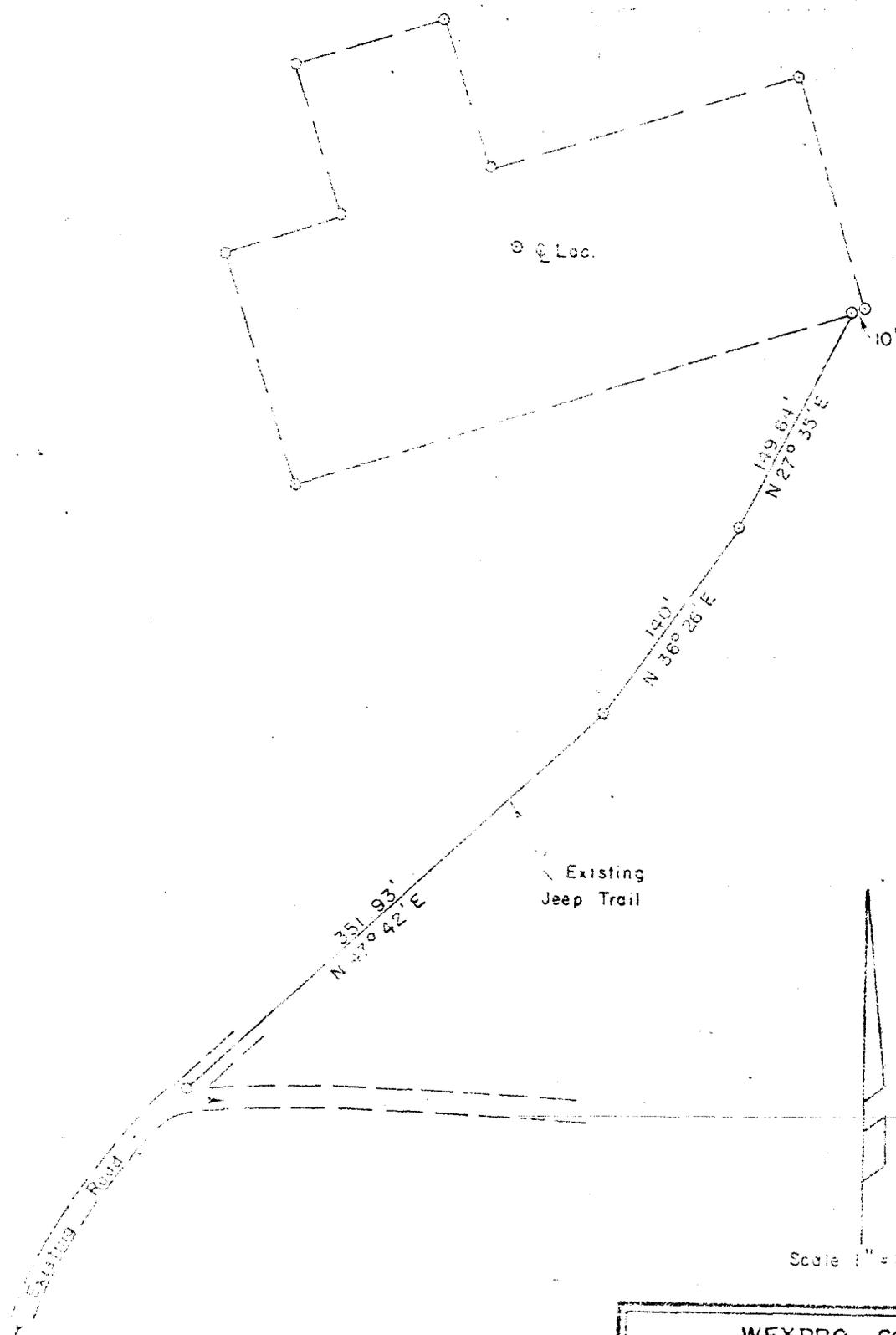
SPECIAL CHOKE AND BELL REQUIREMENTS

SPECIAL STACK REQUIREMENTS



STANDARD CHOKE AND BELL REQUIREMENTS

No.	Item	Qty	SP	Typ	Spec. by
19	Wellhead or sub well	1			
20	Blowout Preventer				
21	Flange Gasket				
22	Wellhead or sub well	13			
23	Wellhead or sub well	15			
24	Wellhead or sub well	13			
25	Wellhead or sub well	1	2"		
26	Wellhead or sub well	1	2"		
27	Wellhead or sub well	1	2 1/2"		
28	Wellhead or sub well	1	3"		
29	Wellhead or sub well	1	3 1/2"		
30	Wellhead or sub well	1	4"		
31	Wellhead or sub well	1	4 1/2"		
32	Wellhead or sub well	1	5"		
33	Wellhead or sub well	1	5 1/2"		
34	Wellhead or sub well	1	6"		
35	Wellhead or sub well	1	6 1/2"		
36	Wellhead or sub well	1	7"		
37	Wellhead or sub well	1	7 1/2"		
38	Wellhead or sub well	1	8"		
39	Wellhead or sub well	1	8 1/2"		
40	Wellhead or sub well	1	9"		



Scale 1" = 100'

I hereby certify the above and foregoing to be true and correct under my supervision and that it is accurate to the best of my knowledge and belief.

Frederick H. Reed

FREDERICK H. REED
Registered Land Surveyor

WEXPRO CO. Rock Springs, Wyo.	
ACCESS ROAD Patterson Unit Well No. 2 Sec. 32, T37S, R25E SLM San Juan Co., Utah M-14266	
CLARK-REED & ASSOC. Durango, Colorado	DATE MARCH 17, 1980 FILE NO. 80008

** FILE NOTATIONS **

DATE: March 31, 1980

Operator: Wexpro Company

Well No: Patterson Unit #2

Location: Sec. 32 T. 37S R. 25E County: San Juan

File Prepared:

Entered on N.I.D.:

Card Indexed:

Completion Sheet:

API Number 43-037-30545

CHECKED BY:

Geological Engineer: _____

Petroleum Engineer: M.S. Minder 4-2-80

Director: _____

APPROVAL LETTER:

Bond Required:

Survey Plat Required:

Order No. _____

O.K. Rule C-3

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

Lease Designation State-Unit

Plotted on Map

Approval Letter Written

WLM

Unit approval

*hl
PI*

April 4, 1980

Wexpro Company
P.O. Box 1129
Rock Spings, Wyoming 82901

Re: Well No. Patterson Unit #2
Sec. 32, T. 37S, R. 25E.,
San Juan County, Utah

Insofar as this office is concerned, approval to drill the above referred to gas well is hereby granted in accordance with Section 40-6-11, Utah Code Annotated 1953; and predicated on Rule A-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:

MICHAEL T. MINDER
Petroleum Engineer
Office: 533-5771
Home: 876-3001

Enclosed please find Form OGC-2-M, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-037-30545.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Michael T. Minder
Petroleum Engineer

/b:bn

cc: USGS
Donald Prince

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 Form 9-331-C for such proposals.)

1. oil well gas well other

2. NAME OF OPERATOR

Wexpro Company

3. ADDRESS OF OPERATOR

P.O. Box 1129, Rock Springs, Wyo. 82901

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

AT SURFACE: 2134 FWL, 1824 FSL NW 1/4 SW 1/4

AT TOP PROD. INTERVAL:

AT TOTAL DEPTH: 5,985'

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF
FRACTURE TREAT
SHOOT OR ACIDIZE
REPAIR WELL
PULL OR ALTER CASING
MULTIPLE COMPLETE
CHANGE ZONES
ABANDON*

(other) Drilling depth changed & surface pipe changed

5. LEASE	ML-27237
6. IF INDIAN, ALLOTTEE OR TRIBE NAME	---
7. UNIT AGREEMENT NAME	Patterson
8. FARM OR LEASE NAME	Unit
9. WELL NO.	2
10. FIELD OR WILDCAT NAME	Wildcat
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA	S.32, T.37S., R.25E., SLB&M
12. COUNTY OR PARISH	San Juan
13. STATE	Utah
14. API NO.	43-037-30545
15. ELEVATIONS (SHOW DF, KDB, AND WD)	5320 GR; 5330 KB

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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.)*

Wexpro Company proposes to drill subject well to a total depth of 5,985'.

Surface pipe will be ran to 1,650 feet.

APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING

DATE: _____

BY: _____

*Per phone conversation
5-20-80 with Alex Masser
original APD was done in error
& will be resubmitted.*

RECEIVED
MAY 19 1980

Subsurface Safety Valve: Manu. and Type _____

Set @ _____ Ft.

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

SIGNED [Signature] TITLE Division Eng. DATE 5/14/80

(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

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 Form 9-331-C for such proposals.)

1. oil well gas well other

2. NAME OF OPERATOR
Wexpro Company

3. ADDRESS OF OPERATOR
P.O. Box 1129, Rock Springs, Wyo. 82901

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 2134 FWL, 1824 FSL NW 1/4 SW 1/4
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH: 5,985'

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF <input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE <input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES <input type="checkbox"/>	<input type="checkbox"/>
ABANDON* <input type="checkbox"/>	<input type="checkbox"/>

(other) Drilling depth changed, surface pipe changed & 10-Point Plan changed

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.)*

Wexpro Company proposes to drill subject well to a total depth of 5,985'. Surface pipe will be ran to 1,650 feet.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED K.W. Meadd TITLE Division Eng. DATE 5/21/80

(This space for Federal or State office use)

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

5. LEASE
MT-27237

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Patterson

8. FARM OR LEASE NAME
Unit

9. WELL NO.
2

10. FIELD OR WILDCAT NAME
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
S.32, T.37S., R.25E., SLB&M

12. COUNTY OR PARISH San Juan 13. STATE Utah

14. API NO.
43-037-30545

15. ELEVATIONS (SHOW DF, KDB, AND WD)
5320 GR; 5330 KB

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

RECEIVED
MAY 23 1980
DIVISION OF
OIL, GAS & MINING

WEXPRO COMPANY
 PATTERSON UNIT WELL NO. 2
 LEASE NO.: ML-27237
 Section 32, T.37S., R.25E.
 San Juan County, Utah
 10-Point Plan

1. The surface formation is Morrison.
2. Estimated tops of important geological markers are:

Morrison	Surface
Entrada	660'
Carmel	830'
Navajo	910'
Chinle	1,590'
Shinarump	2,430'
Moenkopi	2,570'
Cutler	2,590'
Honaker Trail	4,460'
Paradox	4,940'
Upper Ismay	5,335'
Lower-Upper Ismay	5,480'
Lower-Upper Ismay Porosity	5,510'
Lower Ismay	5,580'
"B" Zone	5,720'
Desert Creek	5,742'
Lower Bench	5,795'
Salt	5,980'
Total Depth:	5,985 - 5' into Salt

Objective Reservoir: Upper Ismay Porosity 5,510'

Other Possible Producing Zones: Honaker Trail 4,460' and Lower Bench Desert Creek 5,795'.

3. Estimated depths of anticipated water, oil, gas or other mineral bearing formations expected:
 - A. No water flows expected.
 - B. Oil or gas expected in objective reservoirs (Upper Ismay Porosity 5,480' and Honaker Trail 4,460' and Desert Creek 5,742').
 - C. No mineral bearing formations anticipated.
4. Casing Program:

<u>Proposed</u>	<u>Footage</u>	<u>Size</u>	<u>Grade</u>	<u>Weight</u>	<u>Condition</u>	<u>Thread</u>
Surface	1,650'	9-5/8"	K-55	36#	New	8rd LT&C
Production	5,985'	5-1/2"	K-55	17#	New	8rd ST&C

Cement Program:

Surface: 900 sacks regular type "G" cement treated with 3% Calcium Chloride.

Production: 50-50 Pozmix Cement, composition to be determined from caliper logs, with an additional 20%. Salt content of mud will be checked to determine if salt saturated cement will be required.

10-Point Plan
Wexpro Company
Patterson Unit Well No. 2
Lease No.: ML-27237
S.32, T.37S., R.25E., San Juan
County, Utah

Page Two

5. Operator's minimum specifications for pressure control equipment requires a 10", 3000 psi annular preventer, 10" 3000 psi double gate blowout preventer with blind rams in the top and 4-1/2" pipe rams in the bottom, and a 6", 5000 psi double gate preventer with blind rams in bottom and 2-7/8" rams in top will be used during completion operations. See attached diagrams. Blowout preventer will be tested by rig equipment after each string of casing is run.
6. Fresh water with minimum properties from surface to 5,985'. Spud mud will be used for the surface hole. A mud de-sander will be used from under the surface casing to the total depth. Ten foot samples will be caught by the contractor from surface casing to 4,300' and the logging unit will catch 10-foot samples from 4,300' to total depth.

Sufficient mud materials to maintain mud requirements and to control minor lost circulation and blowout problems will be stored at the well site.

7. Auxiliary equipment will consist of:
 1. A manually operated kelly cock.
 2. No floats at bit.
 3. Mud will be monitored visually from 1,650' to the total depth.
 4. Full opening Shafer floor valve, manually operated.
8. 180' of core will be cut at a depth of 5,500' to 5,680'. Five drill stem tests at 4,460', 5,560', 5,620' and 5,980' is planned. During drill stem testing or when a completion rig is completing a well, some flaring will be necessary of natural gas or produced gases.

Mechanical Logs:

DIL from below surface casing to total depth.
BSC-GR (integrated) with caliper from surface to total depth.
Sidewall Neutron with Gamma Ray from 4,300' to total depth.
Dipmeter from 4,300' to total depth.

The proposed completion zone is the Upper Ismay Porosity from 5,480' to 5,640'. Another possible zone is the Honaker Trail at 4,460' and the Desert Creek at 5,980'.

No stimulation is planned; if production zones should require stimulation, plans will be submitted prior to actual operations. Acidizing and fracturing programs would be determined after log and DST information had been fully evaluated.

9. No abnormal temperatures, pressures or Hydrogen Sulfide is anticipated.
10. The anticipated spud date is June 1, 1980.
Duration of drilling will be approximately 15 days with 2 days completion.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: Wexpro Company

WELL NAME: Patterson Unit #2

SECTION 32 NW SW TOWNSHIP 37S RANGE 25E COUNTY San Juan

DRILLING CONTRACTOR Loffland Brothers

RIG # _____

SPUDDED: DATE 5/24/80

TIME 3:15 a.m.

HOW rotary

DRILLING WILL COMMENCE ASAP

REPORTED BY Paul Zubatch

TELEPHONE # 307-362-5611 ex 263

DATE May 27, 1980

SIGNED Original Signed By M. T. Minder

cc: Donald Prince

DIVISION OF OIL, GAS AND MINING

PLUGGING PROGRAM

NAME OF COMPANY: Wexpro Company (Bob Rasmussen (307-362-5611 ex 242))

WELL NAME: Patterson Unit #2

SECTION 32 NE SW TOWNSHIP 37S RANGE 25E COUNTY San Juan

VERBAL APPROVAL GIVEN TO PLUG AND ABOVE REFERRED TO WELL IN THE FOLLOWING MANNER:

TOTAL DEPTH: 5915;

CASING PROGRAM:

9 5/8" @ 1749' circ to surface

FORMATION TOPS:

Morrison	surface	Paradox	4981'
Entrada	665'	U. Ismay	5364'
Navajo	862'	L. Ismay	5522'
Wingate	1360'	Gothic	5681'
Chinle	1634'	B. Zone	5761'
Shinarump	2433'	Deserk Ck	5783'
Cutler	2561'	Salt	5906'
Hermosa	4471'		

PLUGS SET AS FOLLOWS:

- 1) 5910' - 5710' 70 sx
- 2) 5380' - 5280' 35 sx
- 3) 4525' - 4425' 35 sx
- 4) 2600' - 2500' 35 sx
- 5) 1850' - 1650' 70 sx

9.5#, 47 vis mud between plugs, erect regulation dryhole marker; clean and restore site.

DATE June 20, 1980

SIGNED M. S. Minder

cc: USGS
Donald Prince

P/R

CORE ANALYSIS RESULTS FOR

WEXPRO COMPANY

PATTERSON UNIT NO. 2

PATTERSON FIELD

SAN JUAN COUNTY, UTAH

PRELIMINARY REPORT
RE-ISSUE

CORE ANALYSIS RESULTS

Company WEXPRO COMPANY Formation Lower Upper Ismay File RP-3-3001
Well Patterson Unit No. 2 Core Type Dia. Conv. 4" Date Report 6-22-80
Field Patterson Drilling Fluid Chem/Gel Analysts Getz
County San Juan State Utah Elev. KB 5365 Location NE,SW Sec. 32-37S-29E

Lithological Abbreviations

SAND - SD	DOLOMITE - DOL	ANHYDRITE - ANHY	SANDY - SDY	FINE - FN	CRYSTALLINE - XLN	BROWN - BRN	FRACTURED - FRAC	SLIGHTLY - SL/
SHALE - SH	CHERT - CH	CONGLOMERATE - CONG	SHALY - SHY	MEDIUM - MED	GRAIN - GRN	GRAY - GY	LAMINATION - LAM	VERY - V/
LIME - LM	GYPSUM - GYP	FOSSILIFEROUS - FOSS	LIMY - LMY	COARSE - CSE	GRANULAR - GRNL	VUGGY - VGY	STYLOLITIC - STY	WITH - W/

SAMPLE NUMBER	DEPTH FEET	PERMEABILITY MILLIDARCS	POROSITY PER CENT	RESIDUAL SATURATION PER CENT PORE		Grn. Den.	SAMPLE DESCRIPTION AND REMARKS
				OIL	TOTAL WATER		

CONVENTIONAL ANALYSIS WITH BOYLE'S LAW POROSITY

	5509-5527	-	-	-	-	-	-	-	-	-	-	SHALE - NO ANALYSIS
	5527-5533	-	-	-	-	-	-	-	-	-	-	ANHYDRITE - NO ANALYSIS
	5533-5551	-	-	-	-	-	-	-	-	-	-	SHALE - NO ANALYSIS
	5551-5570	-	-	-	-	-	-	-	-	-	-	CORE LOSS
	5570-5593	-	-	-	-	-	-	-	-	-	-	LIMESTONE - NO ANALYSIS
	5593-5629	-	-	-	-	-	-	-	-	-	-	ANHYDRITE - NO ANALYSIS
	5629-5646	-	-	-	-	-	-	-	-	-	-	ANHYDRITE - NO ANALYSIS
	5646-5661	-	-	-	-	-	-	-	-	-	-	SHALE/LM - NO ANALYSIS
	5661-5665	-	-	-	-	-	-	-	-	-	-	ANHYDRITE - NO ANALYSIS
1	5665-66	0.03	11.8	0.0	40.0	2.81						DOL-Lt brn,xln,w/anh
2	5666-67	0.12	10.0	0.0	34.2	2.85						DOL-Lt brn,xln,w/anh
3	5667-68	0.31	7.9	0.0	29.2	2.86						DOL-Lt brn,xln,w/anh
4	5668-69	0.38	5.3	0.0	18.0	2.87						DOL-Lt brn,xln,w/anh
5	5669-70	0.25	11.3	0.0	22.2	2.84						DOL-Lt brn,xln,w/anh
6	5670-71	<0.01	2.0	0.0	11.4	2.80						DOL-Lt brn,xln,w/anh
7	5671-72	0.25	13.5	0.0	33.3	2.84						DOL-Lt brn,xln,w/anh
8	5672-73	0.26	12.1	0.0	26.6	2.89						DOL-Lt brn,xln,w/anh
9	5673-74	0.09	12.3	0.0	40.0	2.80						DOL-Lt brn,f xln,w/sh
10	5674-75	<0.01	3.8	0.0	72.2	2.77						DOL-Lt gry,f xln,w/sh
	5675-5680	-	-	-	-	-	-	-	-	-	-	DOLOMITE - NO ANALYSIS
	5680-5689	-	-	-	-	-	-	-	-	-	-	SHALE - NO ANALYSIS

NOTE: Core exposed and slabbed before analysis.

PRELIMINARY REPORT

CORE ANALYSIS RESULTS

Company Wexpro Company Formation Lower Upper Ismay File RP-3-3001
 Well Patterson Unit No. 2 Core Type Conv. Diamond Date Report 6-18-80
 Field Patterson Drilling Fluid Chem/Gel Analysts Getz
 County San Juan State Utah Elev. KB 5365 Location NE,SW Sec. 32-37S-29E

Lithological Abbreviations

SAND - SD DOLOMITE - DOL ANHYDRITE - ANHY SANDY - SDY FINE - FN CRYSTALLINE - XLN BROWN - BRN FRACTURED - FRAC SLIGHTLY - SL/
 SHALE - SH CHERT - CH CONGLOMERATE - CONG SHALY - SHY MEDIUM - MED GRAIN - GRN GRAY - GY LAMINATION - LAM VERY - V/
 LIME - LM GYPSUM - GYP FOSSILIFEROUS - FOSS LIMY - LMY COARSE - CSE GRANULAR - GRNL VUGGY - VGY STYLOLITIC - STY WITH - W/

SAMPLE NUMBER	DEPTH FEET	PERMEABILITY MILLIDARCS	POROSITY PER CENT	RESIDUAL SATURATION PER CENT PORE		SAMPLE DESCRIPTION AND REMARKS
				OIL	TOTAL WATER	
5509-5527	-	-	-	-	-	SHALE - NO ANALYSIS
5527-5533	-	-	-	-	-	ANHYDRITE - NO ANALYSIS
5533-5551	-	-	-	-	-	SHALE - NO ANALYSIS
5551-5570	-	-	-	-	-	CORE LOSS
5570-5593	-	-	-	-	-	LIMESTONE - NO ANALYSIS
5593-5629	-	-	-	-	-	ANHYDRITE - NO ANALYSIS
5629-5646	-	-	-	-	-	ANHYDRITE - NO ANALYSIS
5646-5661	-	-	-	-	-	SHALE/LM - NO ANALYSIS
5661-5665	-	-	-	-	-	ANHYDRITE - NO ANALYSIS
5665-5680	-	-	-	-	-	LIMESTONE - NO ANALYSIS
5680-5689	-	-	-	-	-	SHALE - NO ANALYSIS

These analyses, opinions or interpretations are based on observations and materials supplied by the client to whom, and for whose exclusive and confidential use, this report is made. The interpretations or opinions expressed represent the best judgment of Core Laboratories, Inc. (all errors and omissions excepted); but Core Laboratories, Inc. and its officers and employees, assume no responsibility and make no warranty or representations, as to the productivity, proper operations, or profitability of any oil, gas or other mineral well or sand in connection with which such report is used or relied upon.

CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
 DALLAS, TEXAS

PAGE NO. 1

WEXPRO COMPANY
 PATTERSON UNIT NO.2
 PATTERSON
 SAN JUAN COUNTY

FORMATION : LOWER UPPER ISMAY
 DRLG. FLUID: CHEM/GEL
 LOCATION : NE SW SEC 32-37S-29E
 STATE : UTAH

DATE : 6-22-80
 FILE NO. : RP-3-3001
 ANALYSTS : GETZ
 ELEVATION: 5365 KB

CONVENTIONAL CORE ANALYSIS--BOYLE'S LAW HELIUM POROSITY

SAMP. NO.	DEPTH	PERM. TO AIR (MD)		POR. B.L.	FLUID SATS.		GR. DNS.	DESCRIPTION
		HORZ.	VERTICAL		OIL	WATER		
	5509-5527							SHALE-NO ANALYSIS
	5527-5533							ANHYDRITE-NO ANALYSIS
	5533-5551							SHALE-NO ANALYSIS
	5551-5570							LOST CORE
	5570-5593							LIMESTONE-NO ANALYSIS
	5593-5629							ANHYDRITE-NO ANALYSIS
	5629-5646							ANHYDRITE-NO ANALYSIS
	5646-5661							SHALE/LM-NO ANALYSIS
	5661-5665							ANHYDRITE-NO ANALYSIS
1	5665-66	0.03		11.8	0.0	40.0	2.81	DOLO LT BRN XLN W/ANHY
2	5666-67	0.12		10.0	0.0	34.2	2.85	DOLO LT BRN XLN W/ANHY
3	5667-68	0.31		7.9	0.0	29.2	2.86	DOLO LT BRN XLN W/ANHY
4	5668-69	0.38		5.3	0.0	18.0	2.87	DOLO LT BRN XLN W/ANHY
5	5669-70	0.25		11.3	0.0	22.2	2.84	DOLO LT BRN XLN W/ANHY
6	5670-71	<0.01		2.0	0.0	11.4	2.80	DOLO LT BRN XLN W/ANHY
7	5671-72	0.25		13.5	0.0	33.3	2.84	DOLO LT BRN XLN W/ANHY
8	5672-73	0.26		12.1	0.0	26.6	2.89	DOLO LT BRN XLN W/ANHY
9	5673-74	0.09		12.3	0.0	40.0	2.80	DOLO LT BRN F XLN W/SH
10	5674-75	<0.01		3.8	0.0	72.2	2.77	DOLO LT GY F XLN W/SH
	5675-5680							DOLOMITE-NO ANALYSIS
	5680-5689							SHALE-NO ANALYSIS

NOTE: CORE EXPOSED AND SLABBED BEFORE ANALYSIS.



CORE LABORATORIES, INC.

Petroleum Reservoir Engineering

COMPANY WEXPRO COMPANY FIELD PATTERSON FILE RP-3-3001
 WELL PATTERSON UNIT NO. 2 COUNTY SAN JUAN DATE 6-22-80
 LOCATION NE SW SEC 32-37S-29E STATE UTAH ELEV. 5365 KB

CORE-GAMMA CORRELATION

These analyses, opinions or interpretations are based on observations and material supplied by the client to whom, and for whose exclusive and confidential use, this report is made. The interpretations or opinions expressed represent the best judgment of Core Laboratories, Inc. (all errors and omissions excepted), but Core Laboratories, Inc. and its officers and employees, assume no responsibility and make no warranty or representations as to the productivity, proper operation, or profitability of any oil, gas or other mineral well or sand in connection with which such report is used or relied upon.

VERTICAL SCALE: 5' = 100'

CORE-GAMMA SURFACE LOG (PATENT APPLIED FOR)

GAMMA RAY
RADIATION INCREASE
→

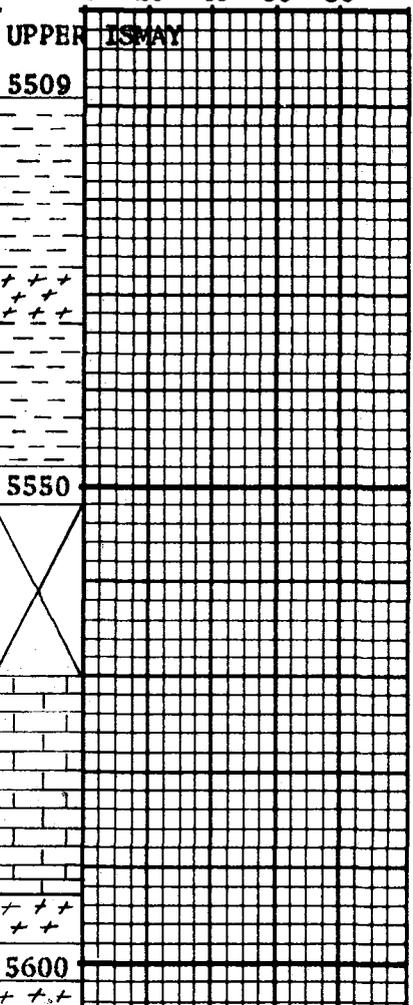
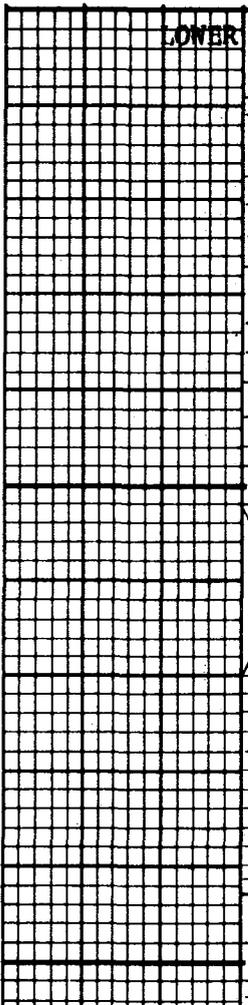
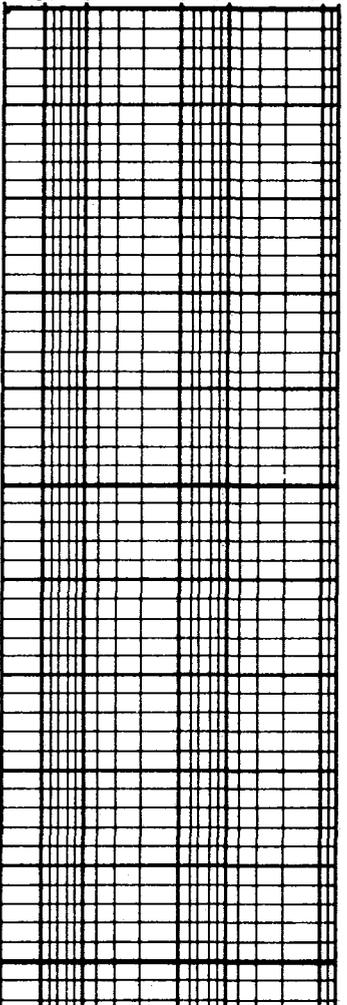
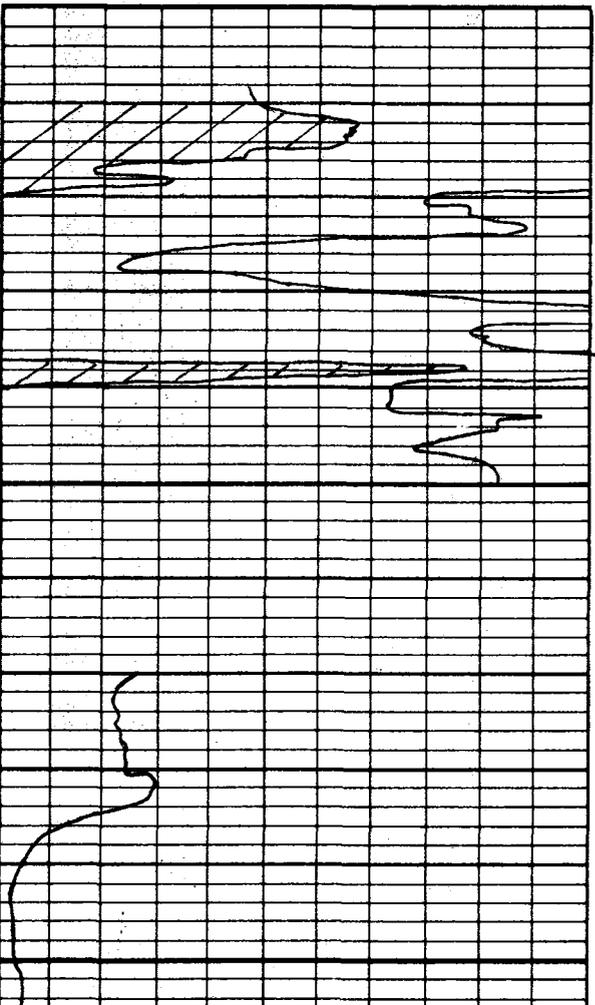
COREGRAPH

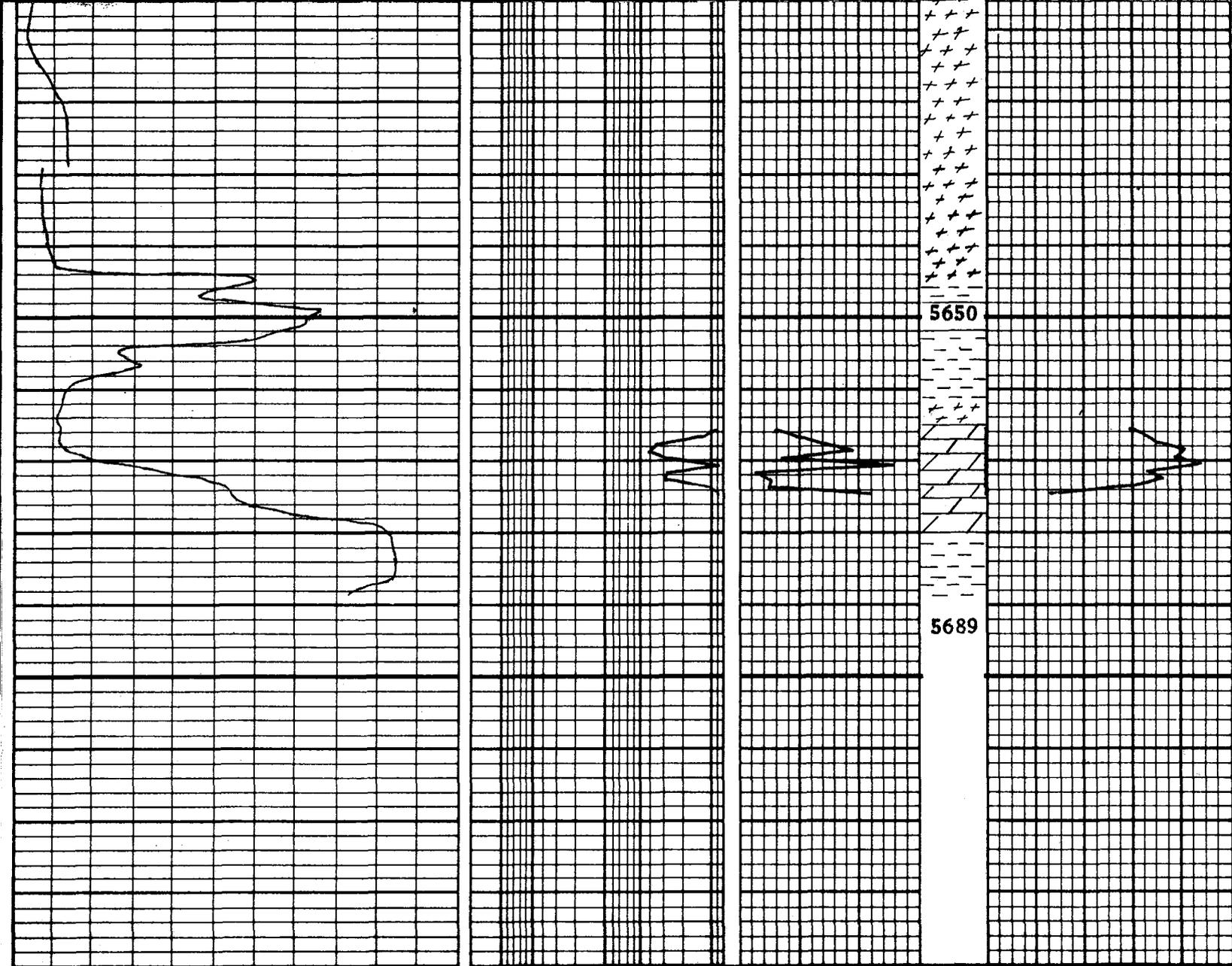
TOTAL WATER _____
 PERCENT TOTAL WATER
 80 60 40 20 0

PERMEABILITY _____
 MILLIDARCYs
 100 50 10 .5 1

POROSITY _____
 PERCENT
 10 5 0

OIL SATURATION -----
 PERCENT PORE SPACE
 0 20 40 60 80





INTERPRETATION OF DATA

5665.0-5675.0 Feet - Core exposed and slabbed before analysis. Believed to be non-productive.

These recovery estimates represent theoretical maximum values for solution gas and water drive. They assume that production is started at original reservoir pressure; i.e., no account is taken of production to date or of prior drainage to other areas. The effects of factors tending to reduce actual ultimate recovery, such as economic limits on oil production rates, gas-oil ratios, or water-oil ratios, have not been taken into account. Neither have factors been considered which may result in actual recovery intermediate between solution gas and complete water drive recoveries, such as gas cap expansion, gravity drainage, or partial water drive. Detailed predictions of ultimate oil recovery to specific abandonment conditions may be made in an engineering study in which consideration is given to overall reservoir characteristics and economic factors.

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UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 Form 9-331-C for such proposals.)

1. oil well gas well other

2. NAME OF OPERATOR
Wexpro Company

3. ADDRESS OF OPERATOR
P. O. Box 1129, Rock Springs, Wyoming 82901

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: NW SW 1824' FSL, 2134' FWL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

5. LEASE
ML - 27237

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
-

7. UNIT AGREEMENT NAME
Patterson

8. FARM OR LEASE NAME
Unit

9. WELL NO.
2

10. FIELD OR WILDCAT NAME
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
32-37S-25E., SLB&M

12. COUNTY OR PARISH
San Juan

13. STATE
Utah

14. API NO.
43-037-30545

15. ELEVATIONS (SHOW DF, KDB, AND WD)
KB 5364.80' GR 5343'

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>		<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>		<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>		<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>		<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>		<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>		<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>		<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>		<input type="checkbox"/>
(other)		Supplementary History	X

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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.)*

Depth 5880', drilling.

Spudded May 24, 1980, landed 9-5/8", 36#, K-55, 8rd thd, ST&C casing at 1749.16' KBM, set with 700 sacks regular B cement, tailed in with 200 sacks regular B cement treated with 3% calcium chloride, ran 1" pipe to 100' and set with 75 sacks regular B cement treated with 3% calcium chloride, cement in place at 6:40 p.m. on May 23, 1980.

RECEIVED
JUN 23 1980

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct
SIGNED Lee Martin TITLE Asst. Dir. OIL, GAS & MINING DATE June 19, 1980

(This space for Federal or State office use)

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

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.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. ML - 27237
2. NAME OF OPERATOR Wexpro Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME -
8. ADDRESS OF OPERATOR P. O. Box 1129, Rock Springs, Wyoming 82901		7. UNIT AGREEMENT NAME Patterson
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface NW SW 1824' FSL, 2134' FWL		8. FARM OR LEASE NAME Unit
14. PERMIT NO. API #: 43-037-30545	15. ELEVATIONS (Show whether DF, RT, GR, etc.) KB 5364.80' GR 5343'	9. WELL NO. 2
		10. FIELD AND POOL, OR WILDCAT Patterson
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 32-37S-25E., SLB&M
		12. COUNTY OR PARISH 18. STATE San Juan Utah

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 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) Make into a water well	XX	(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.)*

TD 5915'.
During a conversation on June 20, 1980 between Mr. Minder of the Utah oil and Gas and Mr. Rasmussen with Wexpro Company, it was approved to plug the well by laying the following plugs:

- Plug No. 1: 5910-5710', 70 sacks
- Plug No. 2: 5380-5280', 35 sacks
- Plug No. 3: 4525-4425', 35 sacks
- Plug No. 4: 2600-2500', 35 sacks
- Plug No. 5: 1850-1650', 80 sacks

APPROVED BY THE DIVISION OF OIL, GAS, AND MINING
DATE: 7-1-80
BY: M. J. Minder

RECEIVED
JUN 25 1980
DIVISION OF OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct
SIGNED A. J. Maser TITLE Drilling Supt. DATE June 23, 1980

(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 DUPLICATE

(See instructions on reverse side)

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

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
Wexpro Company

3. ADDRESS OF OPERATOR
P. O. Box 1129, Rock Springs, Wyoming 82901

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface NE SW 1824' FSL, 2134' FWL
At top prod. interval reported below
At total depth

14. PERMIT NO. _____ DATE ISSUED 4-3-80

API #: 43-037-30545

15. DATE SPUNDED 5-24-80 16. DATE T.D. REACHED 6-19-80 17. DATE COMPL. (Ready to prod.) 6-22-80 18. ELEVATIONS (DF, REB, RT, GR, ETC.)* KB 5364.80' GR 5343' 19. ELEV. CASINGHEAD _____

20. TOTAL DEPTH, MD & TVD 5915 21. PLUG, BACK T.D., MD & TVD 1650 22. IF MULTIPLE COMPL., HOW MANY* _____ 23. INTERVALS DRILLED BY _____ ROTARY TOOLS 0-5915' CABLE TOOLS _____

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD. AND TVD)*
Dry 25. WAS DIRECTIONAL SURVEY MADE
No.

26. TYPE ELECTRIC AND OTHER LOGS RUN
DIL, Dipmeter, Sidewall Neutron 27. WAS WELL CORED?
Yes

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	36	1,749.16	13-1/4	975	0
			8-3/8		

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

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

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

35. LIST OF ATTACHMENTS

Logs as above, Well Completion and Well Lithology will be sent at later date.

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

SIGNED Thomas C. Adams TITLE Director, Petroleum Engrg. DATE June 23, 1980

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

RECEIVED
JUN 25 1980

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 35, 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.)

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP FEET VERT. DEPTH
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						
				Log tops:		
				Morrison	0'	
				Entrada	665	
				Carmel	830	
				Navaajo	862	
				Kayenta	1,240	
				Wingate	1,360	
				Chinle	1,630	
				Shinarump	2,433	
				Cutler	2,561	
				Honaker Trail	4,471	
				Paradox	4,981	
				Ismay	5,364	
				Base 2nd Shale	5,522	
				Lower Ismay Shale	5,681	
				B. Zone	5,761	
				Desert Creek	5,783	
				Lower Bench of		
				Desert Creek	5,827	
				Salt	5,906'	



SCOTT M. MATHESON
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

CHARLES R. HENDERSON
Chairman

CLEON B. FEIGHT
Director

JOHN L. BELL
C. RAY JUVELIN
THADIS W. BOX
CONSTANCE K. LUNDBERG
EDWARD T. BECK
E. STEELE McINTYRE

August 26, 1980

Wexpro Company
P.O. Box 1129
Rock Springs, Wyoming 82901

RE: Well No. Patterson Unit #2
Sec. 32, T. 37S, R. 25E.,
San Juan County, Utah

Gentlemen:

According to our records, a "Well Completion Report" filed with this office June 23, 1980, from above referred to well(s) indicates the following electric logs were run: DIL, Dipmeter, Sidewall Neutron. As of today's date this office has not received Dipmeter logs.

Rule C-5, General Rules and Regulations and Rules of Practice and Procedure, requires that a well log shall be filed with the Commission together with a copy of the electric and radioactivity logs.

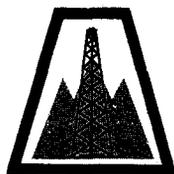
Your prompt attention to the above will be greatly appreciated.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Barbara Hill
CLERK-TYPIST

P&A



WEXPRO COMPANY

625 CONNECTICUT AVENUE • P.O. BOX 1129 • ROCK SPRINGS, WYOMING 82901 • (307) 362-5611

July 6, 1982

Mr. Cleon Feight
State of Utah
Oil, Gas, and Mining
4241 State Office Building
Salt Lake City, Utah 84114

Re: ✓ Patterson Unit Well No. 2
Sec. 32, T.37S., R.25E.
San Juan County, Utah

Dear Mr. Feight:

Wexpro Company intends to re-enter the subject well for the purpose of determining its potential for use as a fresh water well. This well was drilled in June of 1980 as on oil and gas test and was plugged and abandoned on 6-22-80. Formations to be perforated are the Navajo and Entrada. The work is estimated to take 10 days.

Wexpro has a statewide bond which is in good standing. If the well appears capable of enough water production for our needs, a water filing will be made immediately with the Utah State Engineer. If we cannot make a water well, we will plug the hole in a manner to be approved by your office.

If questions arise, please contact either Tom Colson or myself.

Respectfully,

Jennifer Head
Coord. Environmental Affairs

cc: T. Colson

RECEIVED

JUL 12 1982

DIVISION OF
OIL, GAS & MINING

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

5. LEASE DESIGNATION AND SERIAL NO.

ML-27237

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NA

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

7. UNIT AGREEMENT NAME

PATTERSON

2. NAME OF OPERATOR

Wexpro Company

8. FARM OR LEASE NAME

UNIT

3. ADDRESS OF OPERATOR

P. O. BOX 458, ROCK SPRINGS, WY 82902

PHONE NUMBER

(307) 382-9791

9. WELL NO.

No. 2

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

10. FIELD AND POOL, OR WILDCAT

PATTERSON UNIT

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

32-37S-25E

At surface

NW SW, 1824' FSL, 2134' FWL

14. PERMIT NO.

43-037-30545

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

GR 5320' RKB 5341.80'

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

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

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

Wexpro Company intends to plug and abandon this water source well in 2005 according to the following procedure.

- 1.) Deadman anchors will be tested and reset as needed and a temporary pit constructed (10'x15'x6').
- 2.) MIRU a workover rig and associated equipment.
- 3.) ND the upper wellhead and NU 10", 3M BOPE. POOH with 3-1/2" tubing and LD the submersible pump.
- 4.) Round-trip a 9-5/8" scraper to 675'.
- 5.) PU and RIH with a 9-5/8" CICR. Set the retainer at 635'
- 6.) Pressure test the 3-1/2" by 9-5/8" annulus while stung into the retainer to check casing integrity. Assume a good test.
- 7.) Squeeze the perforations 687-737' and 860-910' by pumping 125 sacks below the retainer and leaving 50' (25 sx) of cement on top the retainer.
- 8.) Circulate the hole full with 45 bbls of water and POOH laying down the tubing
- 9.) Remove the BOPE and cutoff the casing head 3 feet below ground level.
- 10.) Set a 50' surface plug inside the 9-5/8" casing using approximately 25 sacks.
- 11.) Weld a 1/4" steel plate on to the casing stubs and install a regulation dry hole marker.
- 12.) RDMO the workover rig and associated equipment. The temporary pit will be closed and location reclaimed.

COPY SENT TO OPERATOR

Date: 10-30-05

Initials: CHD

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

SIGNED

[Signature]

TITLE

Director, Technical Services

DATE

10.11.05

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

Accepted by the
Utah Division of
Oil, Gas and Mining

*See Instructions On Reverse Side

Date: 10/17/05

By: *[Signature]*

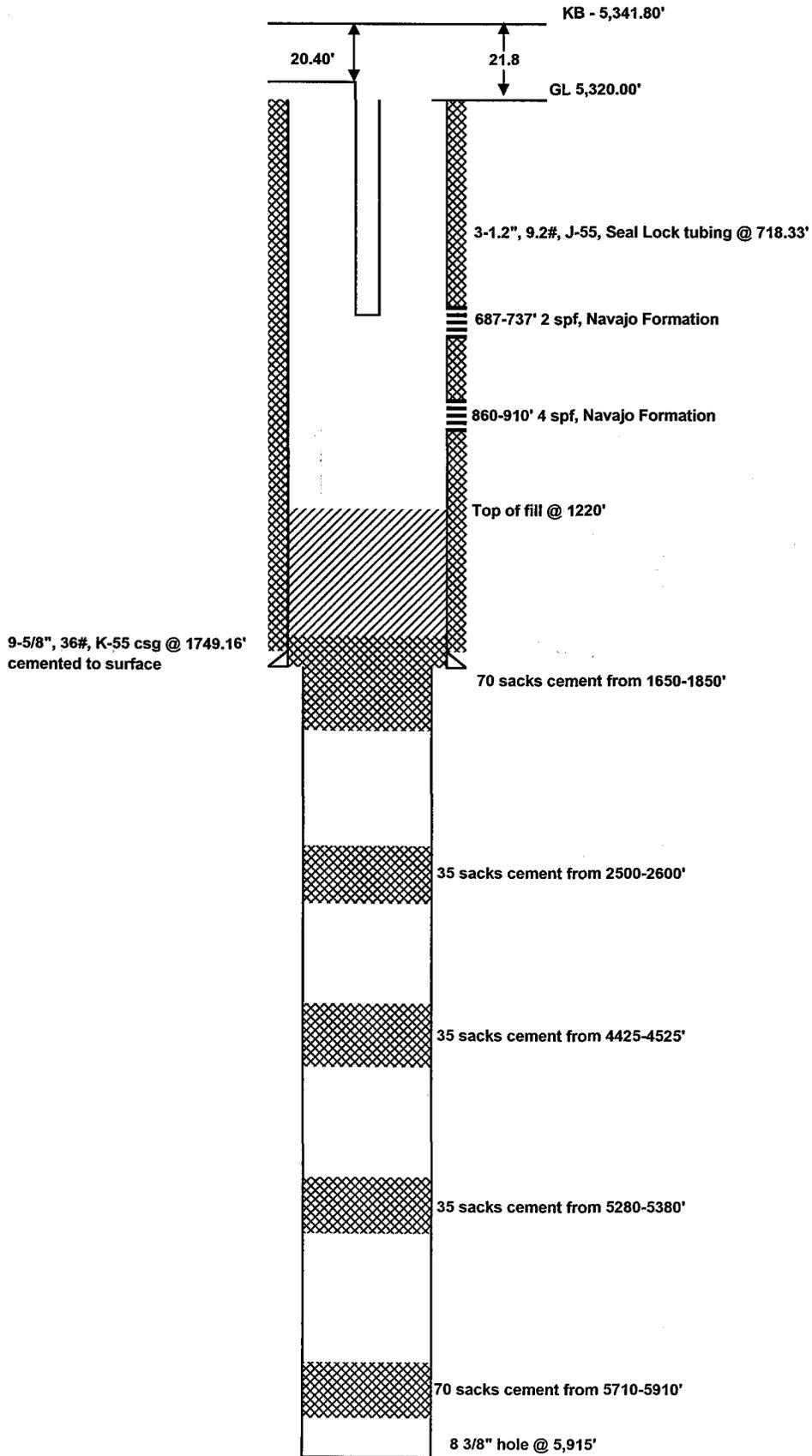
* Approval should be obtained from the Division of Water Right

RECEIVED

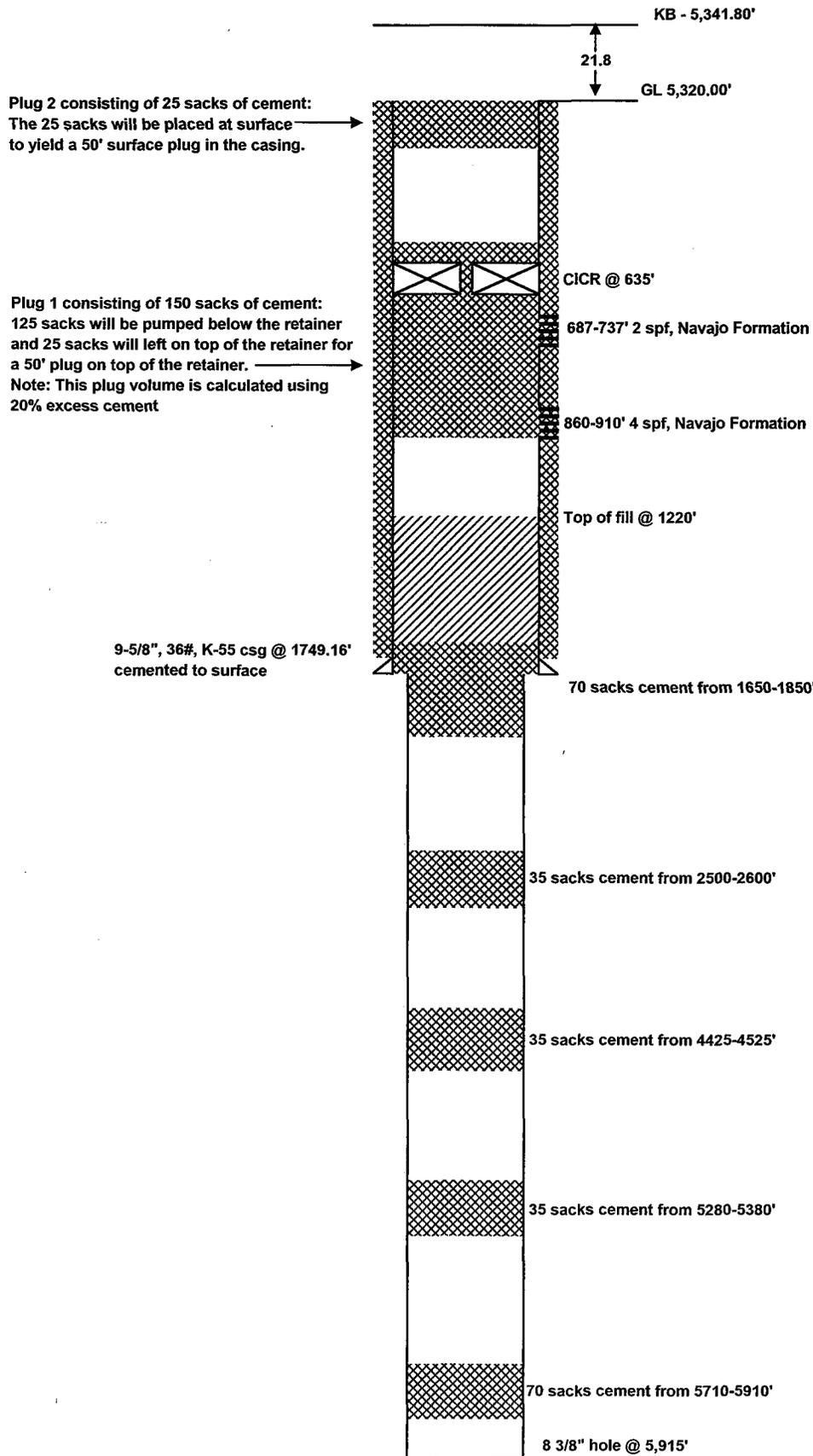
OCT 14 2005

DIV. OF OIL, GAS & MINING

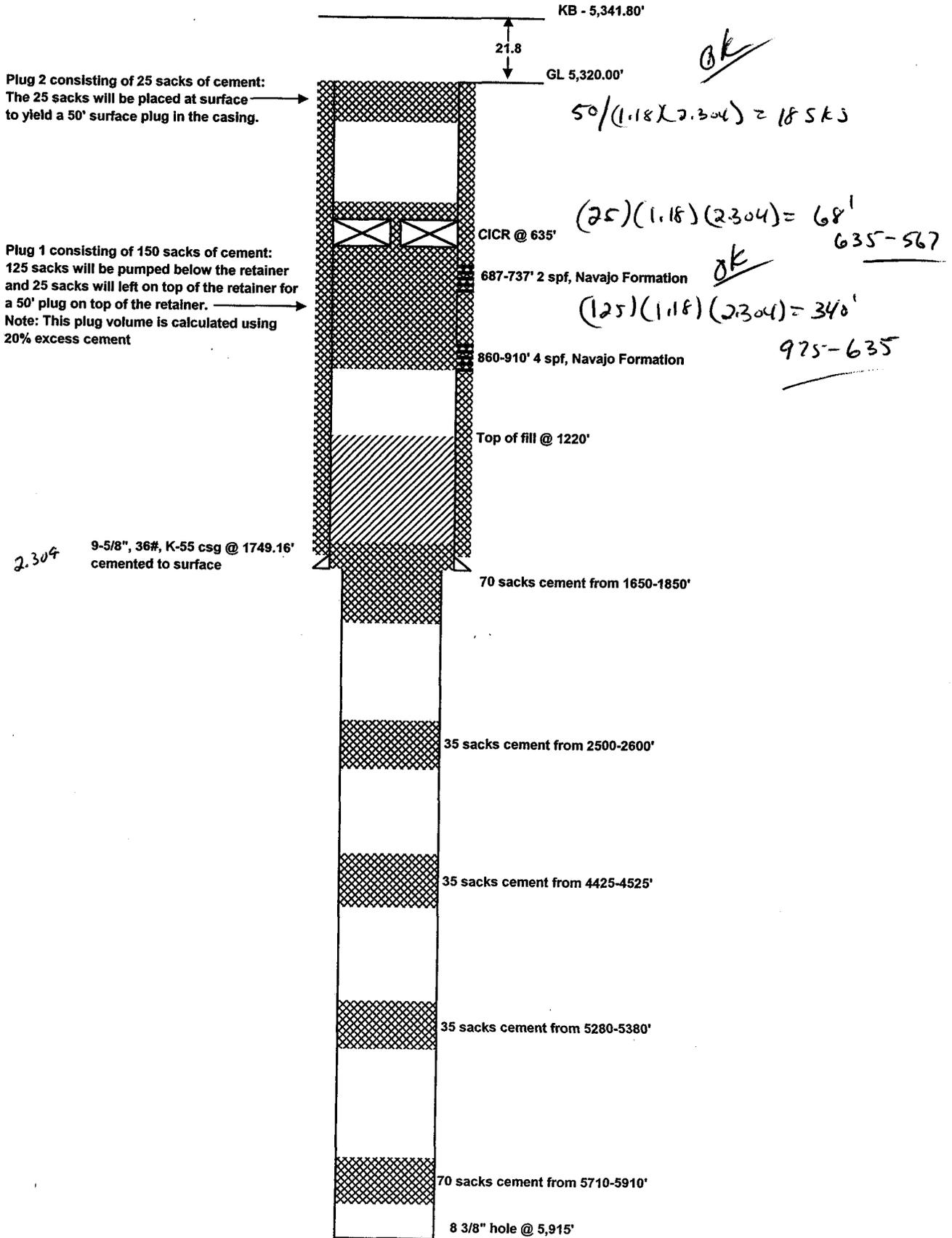
Patterson Unit No. 2
NW SW Sec 32, T37S, R25E
San Juan County, Utah
Present Status
CAB 10/11/05



Patterson Unit No. 2
 NW SW Sec 32, T37S, R25E
 San Juan County, Utah
 Proposed Status After P and A
 CAB 10/11/05



Patterson Unit No. 2
 NW SW Sec 32, T37S, R25E
 San Juan County, Utah
 Proposed Status After P and A
 CAB 10/11/05



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

5. LEASE DESIGNATION AND SERIAL NO. ML-27237
6. IF INDIAN, ALLOTTEE OR TRIBE NAME NA
7. UNIT AGREEMENT NAME PATTERSON
8. FARM OR LEASE NAME UNIT
9. WELL NO. No. 2
10. FIELD AND POOL, OR WILDCAT PATTERSON UNIT
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 32-37S-25E
12. COUNTY OR PARISH San Juan
13. STATE Utah

SUNDRY NOTICES AND REPORTS ON WELLS
(Do not use this form for proposals to drill or to deepen or plug-back to a different reservoir.
Use "APPLICATION FOR PERMIT--" for such proposals.)

1. OIL <input type="checkbox"/> GAS <input type="checkbox"/> WELL <input type="checkbox"/> WELL <input checked="" type="checkbox"/> OTHER WS
2. NAME OF OPERATOR Wexpro Company
3. ADDRESS OF OPERATOR P. O. BOX 458, ROCK SPRINGS, WY 82902
PHONE NUMBER (307) 382-9791
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements* See also space 17 below.) At surface NW SW, 1824' FSL, 2134' FWL
14. PERMIT NO. 43-037-30545
15. ELEVATIONS (Show whether DF, RT, GR, etc.) GR 5320' RKB 5341.80'

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 type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input checked="" type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	

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

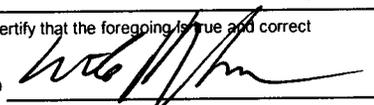
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent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

Wexpro Company plugged and abandoned this well 11/3-5/06 as follows.
MIRU a workover rig and equipment. ND the upper wellhead and POOH with the tubing and submersible pump. Round-tripped a casing scraper to 728'. Set a CICR @ 623'. Installed a stripping rubber and pressure tested the casing to 500 psig okay.
Plug No. 1: Squeezed the perfs 687-737' and 860-910' using 95 sacks (20 bbl) of cement. 76 sacks (16 bbl) were pumped below the CICR. (Note: Squeeze pressure increased throughout cementing operations to approx. 1000 psi.) 60' of cement was left on top of the CICR after reversing out. Circulated the casing full of water containing corrosion inhibitor.
Cut-off the wellhead 3 feet below ground level.
Plug No. 2: Set a 25 sack (5 bbl) surface plug inside the 9-5/8" casing stub from 0-63".
Installed a regulation sub-surface dry-hole marker plate on the 9-5/8" stub. Backfilled above the dry hole marker to ground level.
Rigged down and moved off the rig and all related equipment. The location will be reclaimed as soon as possible.

The GPS coordinates of the abandoned wellhead are N 37.31.479 and W 109.11.854

RECEIVED
DEC 20 2006
DIV. OF OIL, GAS & MINING

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

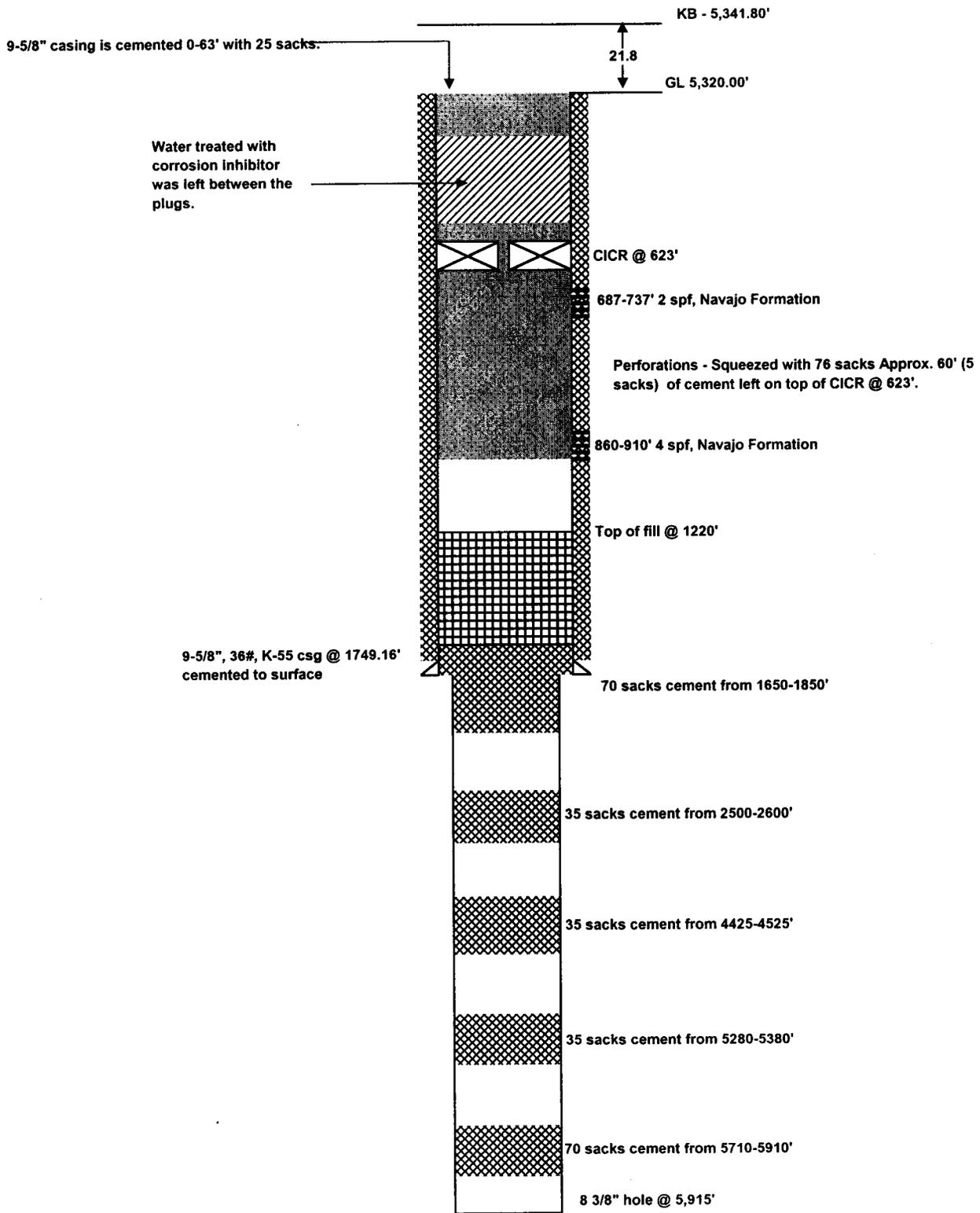
SIGNED  TITLE Director, Technical Services DATE 12-15-06

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

Patterson Unit No. 2
 NW SW Sec 32, T37S, R25E
 San Juan County, Utah
 Status After P and A - 11/5/06
 CAB 12/13/06



WEXPRO

PATTERSON

#2

API Well No.:

43-037-30545

SEC. 32 T37S R25E

11/5/2006

SAN JUAN

County

PTA

Customer Representative:

SCOTT COLVIN 307-350-8990

Halliburton Operator:

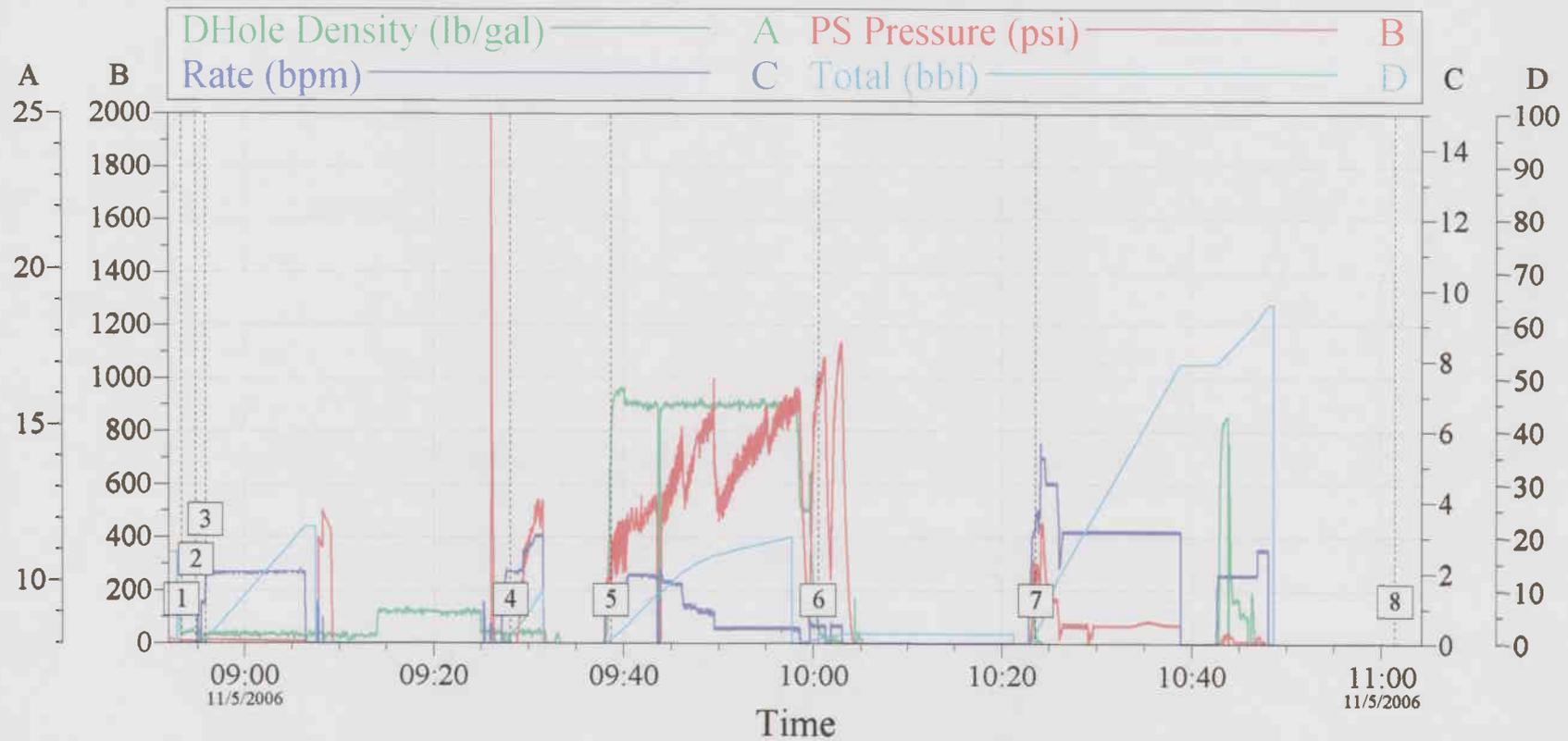
TIM PHILLIPS

Ticket No.:

4730572

Halliburton

Halliburton					JOB LOG			TICKET #	TICKET DATE
REGION NORTH AMERICA LAND					NMA / COUNTRY ROCKY MOUNTAIN			BDA / STATE CO	COUNTY SAN JUAN
LEAS / WEL # 226879					H.E.S EMPLOYEE NAME TIM PHILLIPS			PSL DEPARTMENT ZONAL ISOLATION	
LOCATION FARMINGTON, NM					COMPANY WEXPRO			CUSTOMER REP / PHONE SCOTT COLVIN 307-350-8990	
TICKET AMOUNT					WELL TYPE 02 GAS			APPROV # 43-037-30545	
WELL LOCATION DOVE CREEK					DEPARTMENT ZONAL ISOLATION 10003			JOB PURPOSE CODE	Description
LEASE / WELL # PATTERSON					Well No. #2	SEC 7 SEC. 32 T37S R25E			TWP / RNG
Chart No.	Time	Rate (BPM)	Volume (BSL)(GAL)	Pmps		Press.(PSI)		Job Description / Remarks	
				T	C	Tbg	Csg		
5-Nov	0800							ARRIVED ON LOCATION	
	0810							LOCATION ASSESSMENT & SAFETY MEETING	
	0815							SPOT EQUIPMENT AND RIG UP.	
	0850							HELD PRE JOB SAFETY MEETING.	
	0843							START JOB	
	0855	3	20	X		10		LOAD BACKSIDE	
	0926	0.5	0.5	X		2000		PRESSURE TEST LINES	
	0928	3	10	X		500		ESTABLISH INJECTION RATE	
	0938	2	20	X		322		PUMP CEMENT @ 15.6 LB YLD 1.18 WTR 5.2	
	1000	0.5	1.5	X		960		PUMP DISPLACEMENT H2O	
	1023	4	50	X		245		PULL 2 STANDS AND REVERSE OUT / ANHIB II	
								WELL SQUEEZED @ 1000 PSI	
	1205							START JOB	
	1205	2.5	15	X		330		PUMP CEMENT @ 15.6 LB YLD 1.18 WTR 5.2	
	1208							JOB COMPLETE	
								GOT CEMENT TO SURFACE DID NOT FALL BACK	
								THANK YOU	
								TIM, BILL AND KOLT	

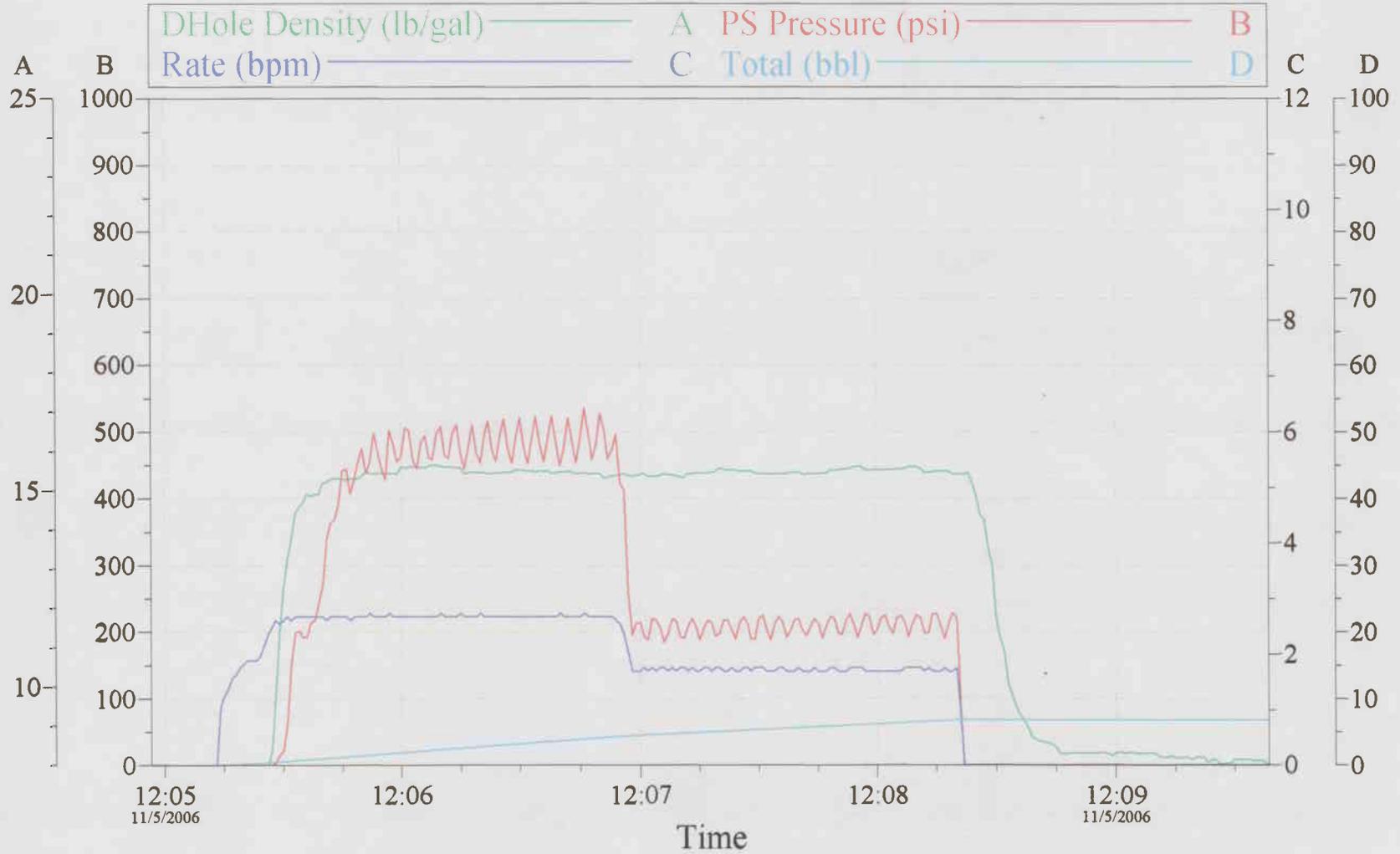


Event Log			
Intersection	PP	Intersection	PP
1 Start Job	08:53:17 9.132	2 Test Lines	08:54:48 7.388
3 Load Backside	08:55:50 10.10	4 Establish injection Rate	09:28:07 -4.637
5 Pump Cement	09:38:42 322.6	6 Pump Displacement	10:00:29 960.6
7 Reverse Circulate Well	10:23:33 245.3	8 End Job	11:01:28 -20.01

Customer:	Job Date:	Ticket #:
Well Desc:	Job Type:	

CemWin v1.7.2
05-Nov-06 11:28

SURFACE PLUG



Event Log