

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

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

5. Lease Designation and Serial No.

ML - 27237

6. If Indian, Allottee or Tribe Name

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

DRILL

DEEPEN

PLUG BACK

7. Unit Agreement Name

Patterson

b. Type of Well

Oil Well

Gas Well

Other

Single Zone

Multiple Zone

8. Farm or Lease Name

Unit

2. Name of Operator

Celsius Energy Company

9. Well No.

4

3. Address of Operator

P. O. Box 458, Rock Springs, Wyoming 82901

Field and Pool, or Wildcat

4. Location of Well (Report location clearly and in accordance with any State requirements.)*

Wildcat

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

At surface
SW SW 700' FSL, 500' FWL
At proposed prod. zone

NOV 03 1982

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

14. Distance in miles and direction from nearest town or post office*

12. County or Parrish 13. State

San Juan Utah

15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drlg. line, if any)

500

16. No. of acres in lease 17. No. of acres assigned to this well

640

18. Distance from proposed location* to nearest well, drilling, completed, or applied for, on this lease, ft.

1983

19. Proposed depth

6000

20. Rotary or cable tools

Rotary

21. Elevations (Show whether DF, RT, GR, etc.)

GR 5403'

22. Approx. date work will start*

Upon approval

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	1,850	1000 sx w/2% CaCl & 1/4# flocele
8-3/4	5-1/2	17	6,000	To be determined

Estimated geologic tops are as follows: Morrison - Surface, Entrada 765', Carmel 930', Navajo 960', Chinle 1755', Shinarump 2535', Cutler 2670', Honaker Trail 4565', Paradox 5060', Upper Ismay 5440', Base 2nd Shale 5605', Ismay Porosity 5635', Lower Ismay Shale 5775', B Zone 5845', Desert Creek 5865', Lower Bench 5910', Salt 5995'. Major objective is Ismay Porosity, other possible producing zones are Honaker Trail and Lower Bench Desert Creek. After surface casing is set, a 10" 3000 psi double gate BOP will be installed. Surface casing and all preventer rams will be pressure tested to 1000 psi for 15 minutes using rig pump and mud. Ram type preventers will have hand wheels which will be operative at the time the preventers are installed. Gel water base mud with minimum properties will be used from surface to total depth. Logs: DIL-SP and Sidewall Neutron with GR and Caliper from surface casing to total depth; Dipmeter from 2000' to total depth. Testing: 1 DST at 5635' (Ismay Porosity). No coring. Drilling operations will take approximately 25 days. A stimulation program is not planned at this time.

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: A. J. Mauer Title: Drilling Superintendent Date: Oct. 29, 1982

(This space for Federal or State office use)

Permit No. _____ Approved By _____

Approved by _____ Title _____

Conditions of approval, if any:

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

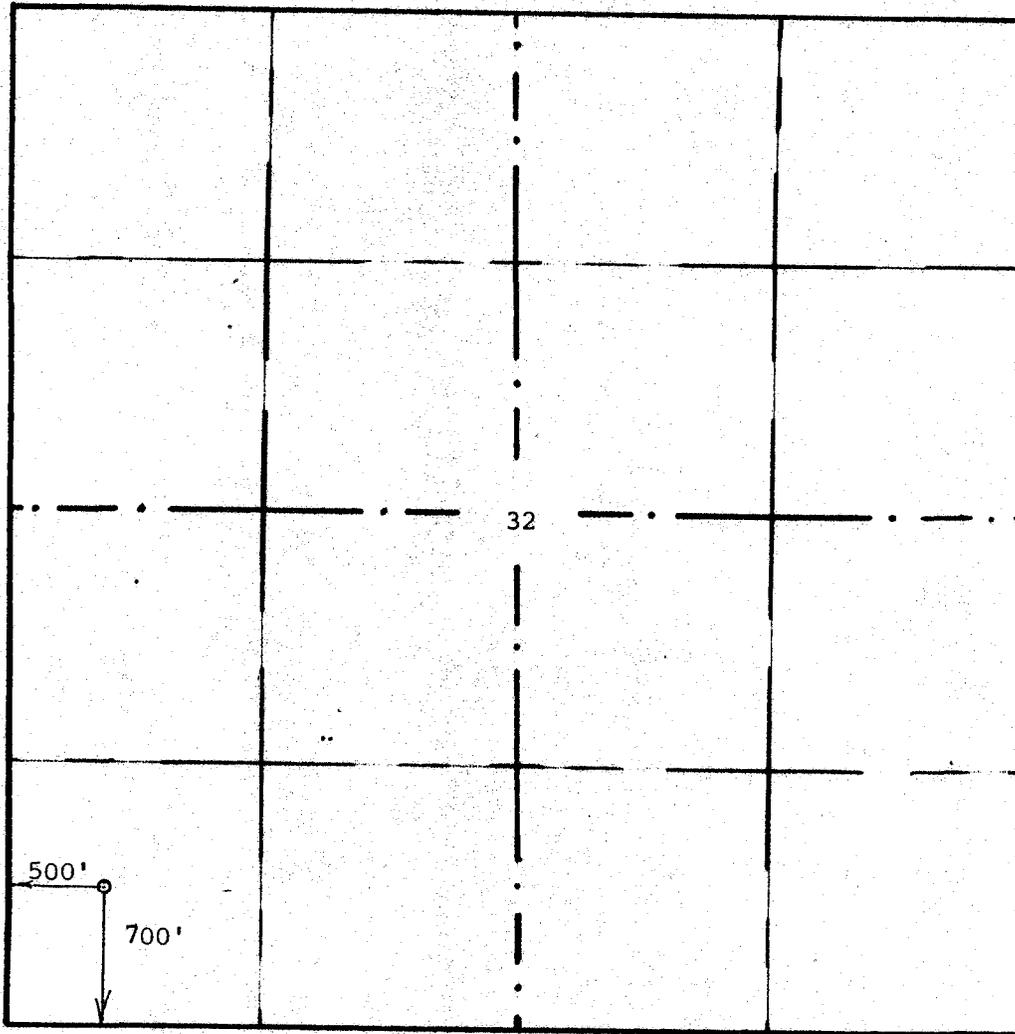
DATE: 11-4-82
BY: [Signature]

*See Instructions On Reverse Side



POWERS ELEVATION

Well Location Plat



1"=1000'

Operator Wexpro Co.		Well name Patterson Unit # 4	
Section 32	Township 37 South	Range 25 East	Meridian Salt Lake
Footages 700'FSL & 500'FWL		County/State San Juan, Utah	
Elevation 5403'	Requested by Jennifer Head		
<p>The above plat is true and correct to the best of my knowledge and belief.</p> <p>26 Oct. 1982</p> <p style="text-align: right;"><i>Gerald G. Huddleston</i> Gerald G. Huddleston, L.S. Utah Exception</p>			

CHECKLIST 3000psi EQUIPMENT

Contractor and operator to furnish items checked in!

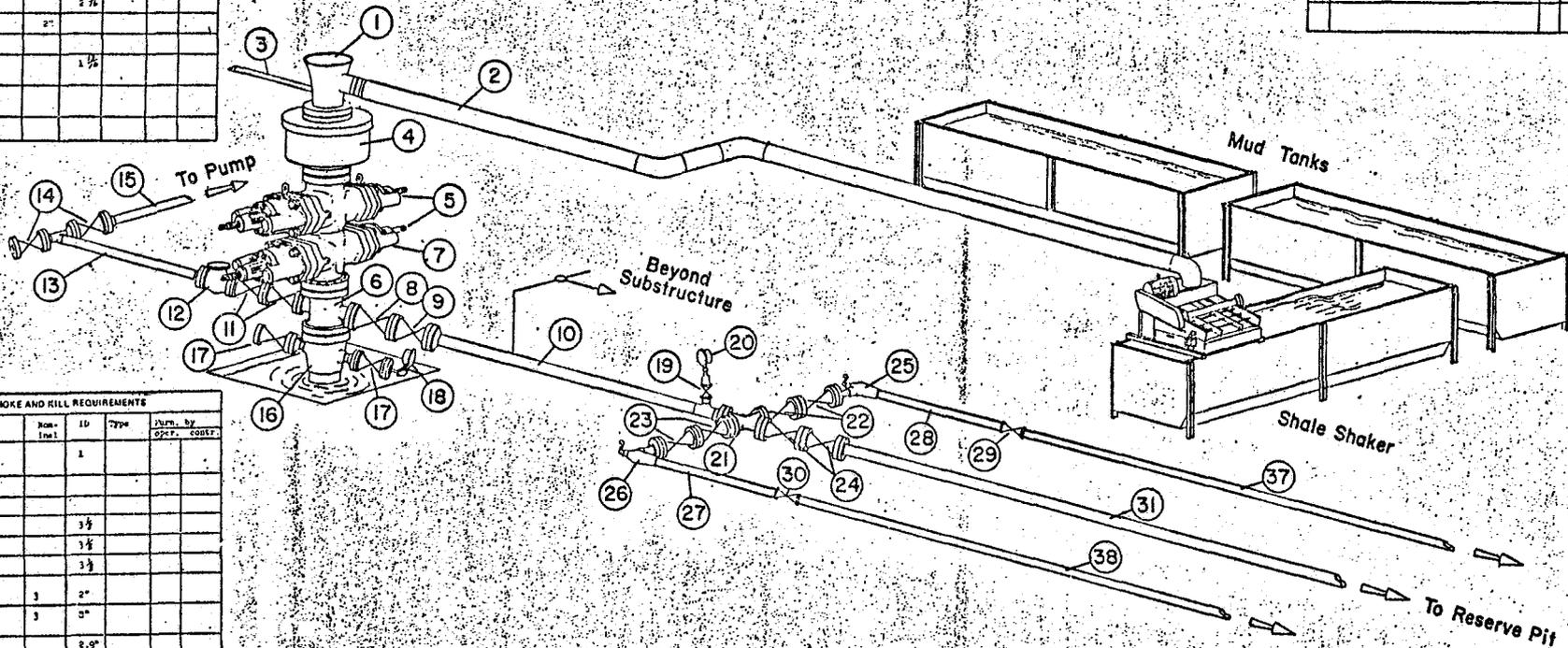
STANDARD STACK REQUIREMENTS					
No.	Item	Non-Inst.	ID	Type	Furn. by
					OPER. CONTR.
1	Drilling Nipple				
2	Flowline				
3	Fill up Line	2"			
4	Annular Preventer			Hydril Cameron Shaffer	
5	Two single or one dual 100' oper. rods			U. Q.C. F. L&S	
6	Drilling Spool with 2" and 1" outlets			Parsons	
7	As Alternate to (6) Run and Kill lines from outlets in this run.				
8	Valve Gate	3 1/2"			
9	Valve-Hydraulically operated Gate	3 1/2"			
10	Choke Line	2.9"			
11	Gate Valves	2 3/4"			
12	Check Valve	2 3/4"			
13	Kill Line	2"			
14	Valves-Gate	2 3/4"			
15	Kill line to Pump	2"			
16	Casing Head				
17	Valves Gate Plug	1 3/4"			
18	Compound Pressure Gauge				
	Wear Bushing				

MOUNTAIN FUEL SUPPLY COMPANY

3000 psi BLOWOUT PREVENTION EQUIPMENT

SPECIAL CHOKES AND KILL REQUIREMENTS					

SPECIAL STACK REQUIREMENTS					



STANDARD CHOKES AND KILL REQUIREMENTS					
No.	Item	Non-Inst.	ID	Type	Furn. by
					OPER. CONTR.
19	Valve Gate Plug	1			
20	Compound Pressure				
21	Cross 3"x3"				
22	Valve Gate	3 1/2"			
23	Valve Gate	3 1/2"			
24	Valve Gate	3 1/2"			
25	Choke Inn 8-2 or equivalent	3	2"		
26	Choke Inn 8-2 or equivalent	3	0"		
27	Line to Separator		2.9"		
28	Line to Separator		2.9"		
29	Valve Gate		3 1/2"		
30	Valve Gate		3 1/2"		
31	Line to Res. Pit		2.0"		
37	Line to Res.		2.9"		
38	Line to Res. Pit		2.9"		

RECONCILE WELL NAME AND LOCATION ON APD AGAINST SAME DATA ON PLAT MAP.

AUTHENTICATE LEASE AND OPERATOR INFORMATION *STATE*

VERIFY ADEQUATE AND PROPER BONDING *rider on Mt. Fuel State wide*

AUTHENTICATE IF SITE IS IN A NAMED FIELD, ETC.

APPLY SPACING CONSIDERATION

ORDER NO

UNIT PATTERSON 11-30-79

c-3-b

c-3-c

OUTSTANDING OR OVERDUE REPORTS FOR OTHER WELLS OF THE OPERATOR.

IF POTASH DESIGNATED AREA, SPECIAL LANGUAGE ON APPROVAL LETTER *2/2*

November 4, 1982

Celsius Energy Company
P. O. Box 458
Rock Springs, Wyoming 82901

RE: Well No. Patterson Unit #4
SWSW Sec. 32, T. 37S, R. 25 E
San Juan County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to oil 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:

RONALD J. FIRTH - Engineer
Office: 533-5771
Home: 571-6068

OR

CLEON B. FEIGHT - Director
Office: 533-5771
Home: 466-4455

Enclosed please find Form OGC-8-X, 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 43-037-30844.

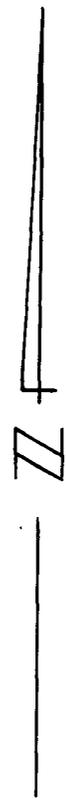
Sincerely,



Norman C. Stout
Administrative Assistant

NCS/as
cc: State Lands
Enclosure

S 83°51'16" E



N 6°08'44" E 500.00'

PATTERSON UNIT N°4

PATTERSON UNIT N°1

COMPRESSOR

METER
COMP DISCH

TREATER

L.P.
METER

H.P.
METER

PROD. PAK.

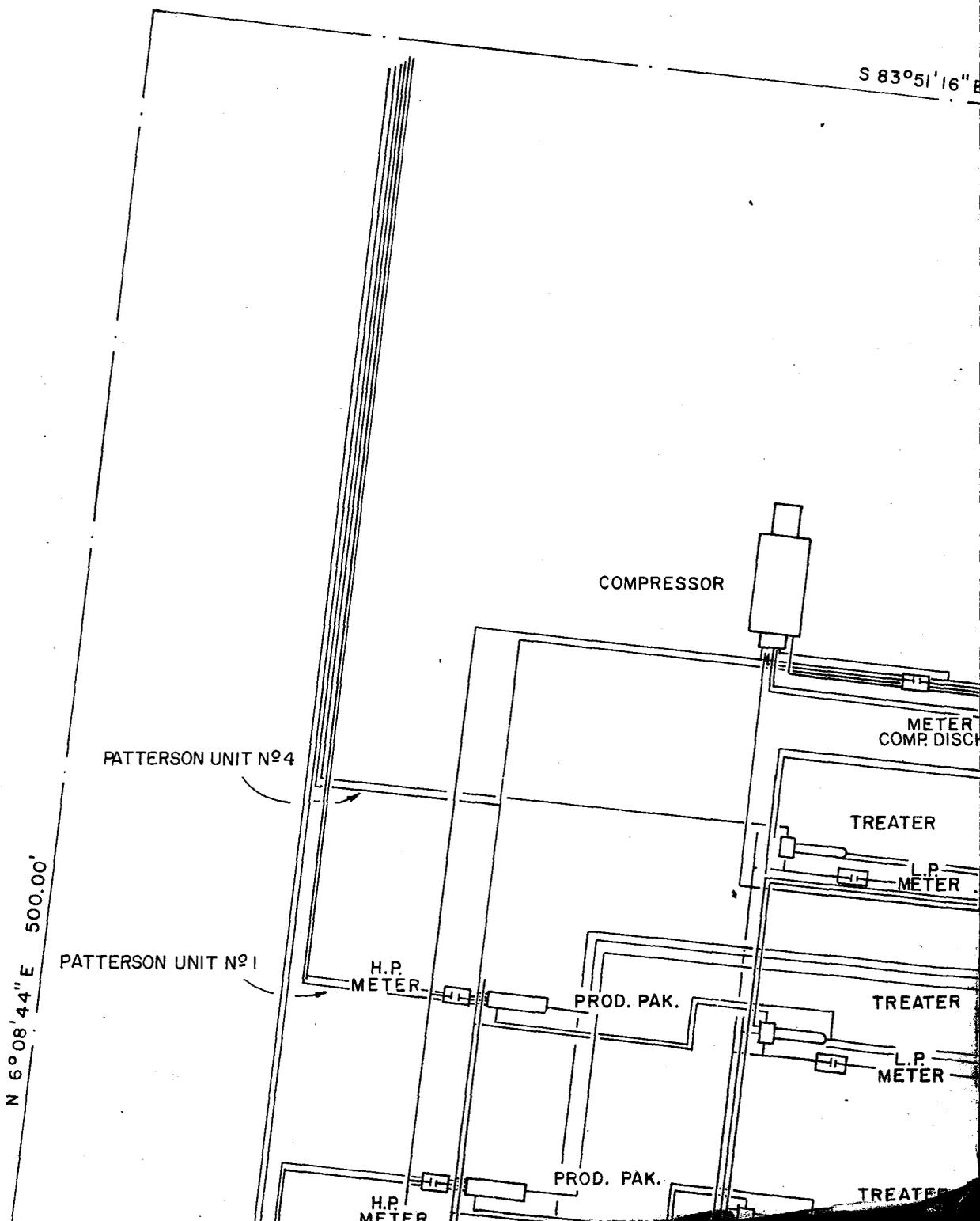
TREATER

L.P.
METER

PROD. PAK.

H.P.
METER

TREATER

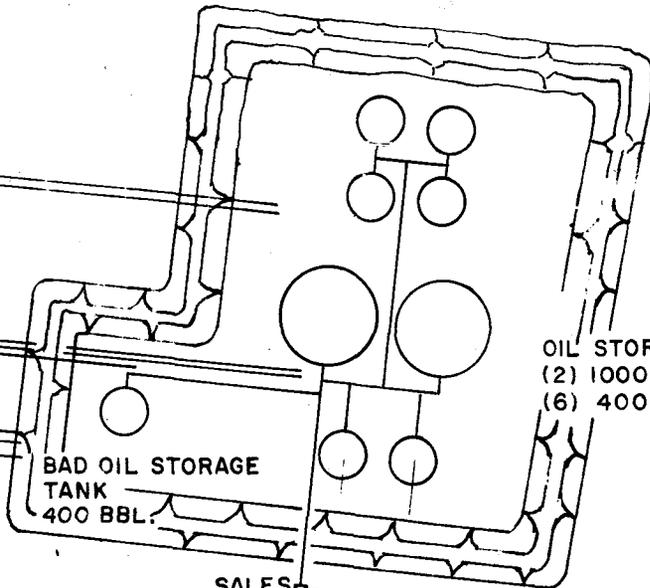


500.00'

SALES METER

DEHY

PREVAILING WINDS



OIL STORAGE TANKAGE
(2) 1000 BBL.
(6) 400 BBL.

BAD OIL STORAGE
TANK
400 BBL.

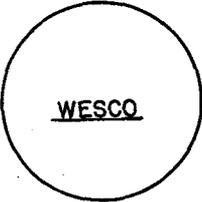
SALES PUMP

BALL RECEIVER

BALL LAUNCHERS

S 6°08'44" W 500.00'

OIL BUFFER TANK
10000 BBL.



HEADER ASSEMBLY

REVISIONS			ENGINEERING RECORD	
DESCRIPTION	DATE	BY	W.O. 13876	
	1-29-82	D.R.	SURVEYED	12/18/81 A.H.W.
FACILITIES	8-10-83	C.R.W.	DRAWN	1/7/82 C.R.W.
			CHECKED	<i>amw</i>
			APPROVED	
			PATTERSON	
			SECTION	33
			T. 37 S.	R. 25 E.
			SCH. DIST.	
			COUNTY	SAN JUAN
			STATE	UTAH

WEXPRO

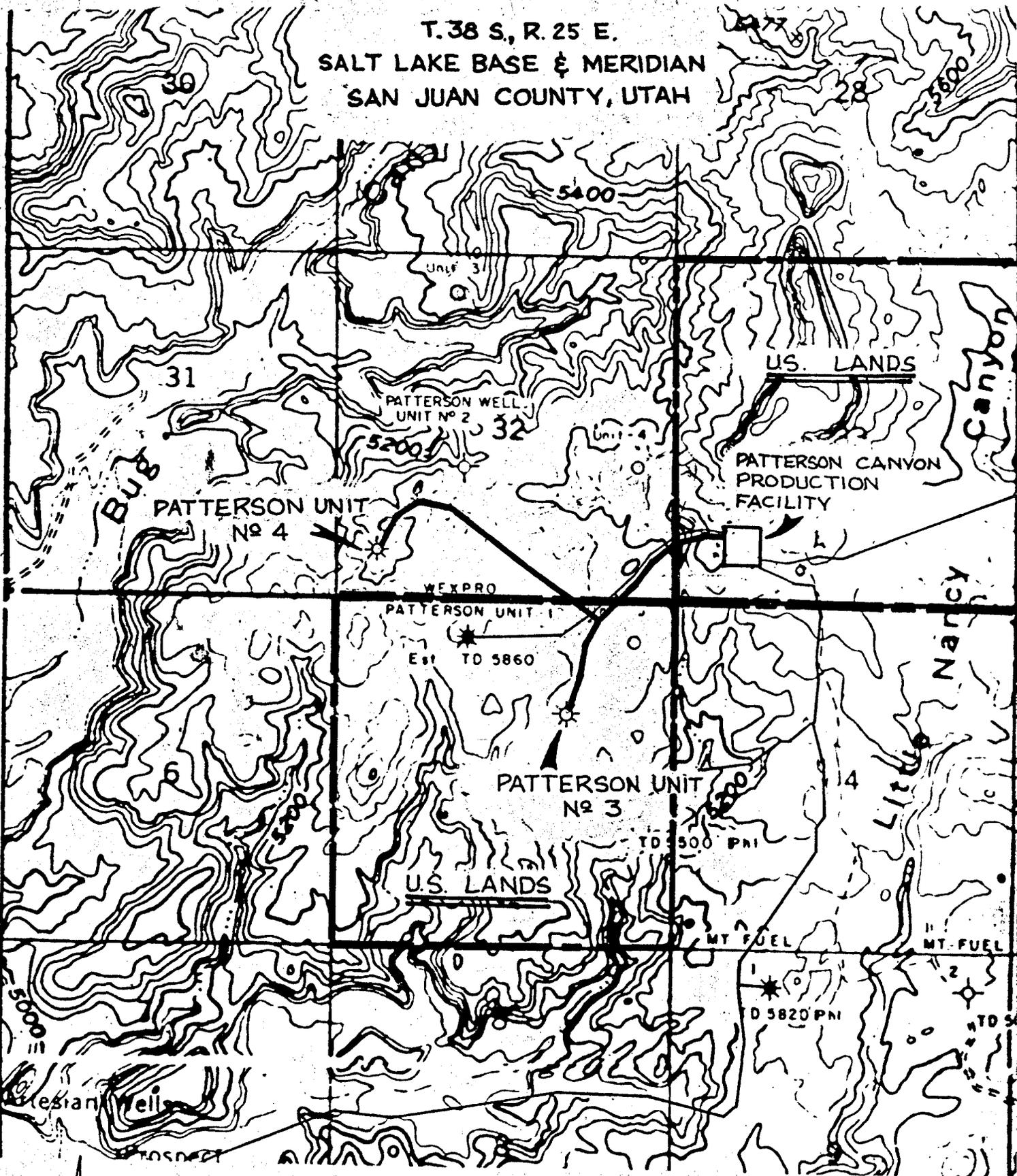
GENERAL PLAN

PATTERSON BATTERY 'A'

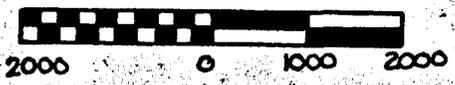
SCALE: 1" = 40'

DRWG. NO. **M-19802**

T. 38 S., R. 25 E.
SALT LAKE BASE & MERIDIAN
SAN JUAN COUNTY, UTAH



LOCATION MAP FOR
PATTERSON UNIT WELLS No 3 & 4



DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: Celsius

WELL NAME: Patterson Unit #4

SECTION SWSW 32 TOWNSHIP 37S RANGE 25E COUNTY San Juan

DRILLING CONTRACTOR Arapahoe

RIG # 4

SPUDDED: DATE 6-11-83

TIME 11:00 PM

How

DRILLING WILL COMMENCE

REPORTED BY Cathy

TELEPHONE # (307) 382-9791

DATE 6-13-83 SIGNED Norm

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

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 checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. ML-27237
2. NAME OF OPERATOR Celsius Energy Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME --
3. ADDRESS OF OPERATOR P. O. Box 458, Rock Springs, WY 82902		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 SW SW 700' FSL, 500' FWL		8. FARM OR LEASE NAME Unit
14. PERMIT NO. API: 43-037-30844	15. ELEVATIONS (Show whether DF, RT, GR, etc.) GR 5403' KB	9. WELL NO. 4
		10. FIELD AND POOL, OR WILDCAT Wildcat
		11. SEC., T., R., M., OR BLK. AND SUBVY OR AREA 32-37S-25E, SLB&M
		12. COUNTY OR PARISH San Juan
		13. STATE 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) Supplemental History <input checked="" 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.)*

Spudded June 11, 1983 at 11:00 P.M.

Ran 9-5/8" OD, 36#, K-55, ST&C casing and landed at 1835.01' KBM, cemented with 400 sacks Halliburton Light treated with 2% CaCl, 10-pounds gilsonite per sack, and 1/4-pound flocele per sack, followed with 180 sacks Regular B treated with 3% CaCl and 1/4-pound flocele per sack, ran one-inch line pipe to 75', cemented through one-inch with 60 sacks Regular G treated with 3% CaCl, in place at 8:30 A.M., 6/14/83.

Depth 4894', drilling.



18. I hereby certify that the foregoing is true and correct
SIGNED C. J. Mauer TITLE Drilling Superintendent DATE June 20, 1983

(This space for Federal or State office use)

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

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

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 checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. ML-27237
2. NAME OF OPERATOR Celsius Energy Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME --
3. ADDRESS OF OPERATOR P. O. Box 458, Rock Springs, WY 82902		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 SW SW, 700' FSL, 500' FWL		8. FARM OR LEASE NAME Unit
14. PERMIT NO. API: 43-037-30844		9. WELL NO. 4
15. ELEVATIONS (Show whether DF, RT, GR, etc.) GR 5403' KB 5409.06'		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 PARISH San Juan
		13. STATE 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) Supplemental History <input checked="" 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.)*

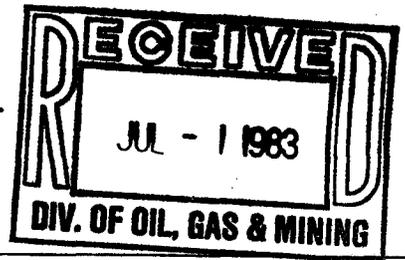
Total depth of 5964' reached on June 27, 1983.

Please note that the 9-5/8" OD, 36#, K-55, ST&C casing was not landed at 1835.01' KBM as reported in the Sundry Report of June 20, 1983. It was actually landed at 1833.93' KBM. All other information previously reported with regard to the 9-5/8" OD casing was correct.

DST #1: Depth 5648', Packers 5586' and 5592', Ismay, 45 unit gas increase 4492'-5648' IO 30 mins, ISI 120 mins, FO 240 mins, FSI 360 mins, opened weak, gas to surface in 30 mins, not enough to gauge, reopened with gas to surface immediately 34 MCFPD, 60 mins 34 MCFPD, 90 mins 37 MCFPD, 120 mins 31 MCFPD, 150 mins 31 MCFPD, 180 mins 28 MCFPD, 210 mins 28 MCFPD, 240 mins 28 MCFPD, IHP 3078, IOFP's 200-284, ISIP 2350, FOFP's 284,524, FSIP 2340, FHP 3187, BJT 127°F., recovered 1200' gas and oil cut mud.

Rig released June 27, 1983 at 7:00 P.M. WOCT.

Report on landing 5 1/2" OD casing to follow at a later date.



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

SIGNED [Signature] TITLE Asst. Drlg. Supt. DATE June 28, 1983

(This space for Federal or State office use)

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

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

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS <small>(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.)</small>		5. LEASE DESIGNATION AND SERIAL NO. ML-27237
1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME ---
2. NAME OF OPERATOR Celsius Energy Company		7. UNIT AGREEMENT NAME Patterson
3. ADDRESS OF OPERATOR P. O. Box 458, Rock Springs, WY 82902		8. FARM OR LEASE NAME Unit
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface SW SW, 700' FSL, 500' FWL		9. WELL NO. 4
14. PERMIT NO. API: 43-037-30844		10. FIELD AND POOL, OR WILDCAT Wildcat
15. ELEVATIONS (Show whether DF, RT, GR, etc.) GR 5403' KB 5409.06'		11. SEC., T., R., M., OR BLK. AND SUBBY OR AREA 32-37S-25E, SLB&M
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data		12. COUNTY OR PARISH 13. STATE San Juan Utah

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"/> FRACTURE TREAT <input type="checkbox"/> SHOOT OR ACIDIZE <input type="checkbox"/> REPAIR WELL <input type="checkbox"/> (Other) <input type="checkbox"/>	FULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPLETE <input type="checkbox"/> ABANDON* <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/> FRACTURE TREATMENT <input type="checkbox"/> SHOOTING OR ACIDIZING <input type="checkbox"/> (Other) <u>Supplemental History</u> <input checked="" type="checkbox"/>	REPAIRING WELL <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> ABANDONMENT* <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.) *

Total depth of 5973' reached on June 27, 1983, previously reported total depth of 5964' was incorrect.
 Landed 5½" OD, 17#, K-55, 8 rd thrd, LT&C casing at 5972.93' KBM, 10 barrels fresh water pre-flush was pumped ahead of cement, cemented with 1200 sacks 50-50 Pozmix B cement, displaced with 137 barrels fresh water, good returns, cement in place at 2:15 PM, 6/27/83.

Rigged up workover rig to begin completion operations on July 13, 1983.

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

SIGNED <u>A. J. Masser</u>	TITLE <u>Drilling Superintendent</u>	DATE <u>July 27, 1983</u>
(This space for Federal or State office use)		
APPROVED BY _____	TITLE _____	DATE _____
CONDITIONS OF APPROVAL, IF ANY:		

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

SUBMIT IN DUPLICATE*
(Other instructions on reverse side)

27

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 checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. ML-27237	
2. NAME OF OPERATOR Celsius Energy Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME ---	
3. ADDRESS OF OPERATOR P. O. Box 458, Rock Springs, Wyoming 82902		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 SW SW 700' FSL, 500' FWL		8. FARM OR LEASE NAME Unit	
14. PERMIT NO. 30844		9. WELL NO. 4	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) GR 5403'		10. FIELD AND POOL, OR WILDCAT Undesignated	
		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

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) Pipeline Construction (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.)*

Production line to be installed by Wexpro Company, the Unit Operator.

Lines to be installed as follows:

- One 3" flow line (oil, gas, & water) welded steel construction.
- One 2" fuel gas line, welded steel construction.

Lines will follow surveyed route (refer to attached map) from well to the Patterson Unit Central Production Facility. Additional equipment needed at the central facility will be a treater and two 400 barrel storage tanks (refer to attached schematic). New facilities will be painted to BLM specifications. Estimated construction time from date of approval is four weeks. Restoration work along the lines will be in accordance with BLM and State requirements.



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

SIGNED H.K. Logan TITLE District Manager DATE August 9, 1983

(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.)		5. LEASE DESIGNATION AND SERIAL NO. ML-27237
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4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface SW SW, 700' FSL, 500' FWL		9. WELL NO. 4
14. PERMIT NO. API: 43-037-30844		10. FIELD AND POOL, OR WILDCAT Wildcat
15. ELEVATIONS (Show whether DF, RT, GR, etc.) GR 5403' KB 5409.06'		11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA 32-37S-25E, SLB&M
		12. COUNTY OR PARISH San Juan
		13. STATE 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) <u>Supplemental History</u> <input checked="" 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.)*

Running production tests.



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

SIGNED O. J. Maser TITLE Drilling Superintendent DATE 8-15-83

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dianne R. Nielson, Ph.D., Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

May 25, [REDACTED]

Celsius Energy Company
P. O. Box 458
Rock Springs, Wyoming 82902

RE: [REDACTED] No. Patterson Unit #4
[REDACTED] #43-037-30844
[REDACTED] 32, T. 37S, R. 25E. SW/SW
[REDACTED] Juan County, Utah

Gentlemen:

This letter is to advise you that the [REDACTED] Completion or Recompletion Report and Log" for the above mentioned 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 and forward it to this office as soon as possible.

We will be happy to acknowledge receipt of your response to this notice if you will include an extra copy of the transmittal letter with a place for our signature, and a self addressed envelope for return. Such acknowledgement should avoid unnecessary mailing of a second notice from our agency.

Your prompt attention to the above will be greatly appreciated.

Respectfully,

Claudia Jones
Well Records Specialist

CLJ/cj

Enclosure

cc: Dianne R. Nielson, DOGM
Ronald J. Firth, DOGM
File

LYNES, INC.

Distribution of Final Reports

Celsius Energy Company
Operator

Patterson Unit # 4
Well Name and No.

Original &

1 copy: Celsius Energy Company, P.O. Box 2329, Farmington, New Mexico 87499

Attn: Paul Methine

2 copies: Minerals Management Service, P.O. Box 1170, Rock Springs, Wyoming 82901

2 copies: State of Utah, Dept. of Natural Resources, Division of Oil, Gas, & Mining
4241 State Office Bldg., Salt Lake City, UT 84116

2 copies: Celsius Energy Company/Wexpro, P.O. Box 11070, Salt Lake City, Utah 84147

Attn: Roger W. Fallon

2 copies: Celsius Energy Company, P.O. Box 458, Rock Springs, Wyoming 82901,

Attn: Petroleum Engineer

2 copies: Mobil Oil Corporation, P.O. Box 5444, Denver, Co. 80217, Attn: Division

Prod. Geologist

1 copy: Placid Oil, 410-17th St., Ste. 2000, Denver, Colorado

1 copy: Santa Fe Energy Co., 1616 Glenarm Pl, Ste. 2600, Denver, Co. 80202

1 copy: Marvin Wolf, P.O. Box 1715, Denver, Co. 80201

1 copy: Williams Exploration Company, 3025 Parker Rd., Ste. 601, Aurora, Co. 80214

Attn: Jim Wood

1 copy: MCOR Oil & Gas Corporation, 10880 Willshire Blvd., Los Angeles, CA. 90024

DESIGNATION OF AGENT

Deputy Minerals Manager
Oil and Gas

The undersigned is, on the records of the Minerals Management Service, Unit Operator under the Patterson Unit Agreement, San Juan County(ies), Utah (state), No. 14-08-0001-18033 approved November 30, 1979 and hereby designates:

NAME: Celsius Energy Company
P. O. Box 11070
ADDRESS: Salt Lake City, Utah 84147

as its agent, with full authority to act in its behalf in complying with the terms of the Unit Agreement and regulations applicable thereto and on whom the Deputy Minerals Manager or his representative may serve written or oral instructions in securing compliance with the Oil and Gas Operating Regulations with respect to drilling, testing and completing unit well No. 4, in the SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 32, T. 37 S., R. 25 E., SLM, San Juan County, Utah.

It is understood that this Designation of Agent does not relieve the Unit Operator of responsibility for compliance with the terms of the Unit Agreement and the Oil and Gas Operating Regulations. It is also understood that this Designation of Agent does not constitute an assignment of any interest under the Unit Agreement of any lease committed thereto.

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

The Unit Operator agrees promptly to notify the Deputy Minerals Manager of any change in the designated agent.

This Designation of Agent is deemed to be temporary and in no manner a permanent arrangement.

This designation is given only to enable the agent herein designated to drill the above specified unit well. Unless sooner terminated, this designation shall terminate when there is filed in the appropriate district office of the Minerals Management Service a completed file of all required Federal reports pertaining to subject well. It is also understood that the Designation of Agent is limited to field operations and does not cover administrative action requiring specific authorization of the Unit Operator.

ATTEST:

WEXPRO COMPANY

Cornie C. Hallman
Secretary

By: W. L. Blaine
Vice President, Exploration

13

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

7

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
Celsius Energy Company

3. ADDRESS OF OPERATOR
P. O. Box 458, Rock Springs, WY 82902

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
At surface SW SW, 700' FSL, 500' FWL

At top prod. interval reported below
At total depth

RECEIVED

AUG 21 1984

DIVISION OF OIL
GAS & 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.

4

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

32-37S-25E, SLB&M

12. COUNTY OR PARISH
San Juan

13. STATE
Utah

14. PERMIT NO. 43-037-30844 DATE ISSUED 11/4/82

15. DATE SPUNDED 6/11/83 16. DATE T.D. REACHED 6/27/83 17. DATE COMPL. (Ready to prod.) 8/8/84 18. ELEVATIONS (DF, RKB, BT, GR, ETC.)* GR 5403' KB 5409.06' 19. ELEV. CASINGHEAD --

20. TOTAL DEPTH, MD & TVD 5964' 21. PLUG, BACK T.D., MD & TVD 5655' 22. IF MULTIPLE COMPL., HOW MANY* -- 23. INTERVALS DRILLED BY -- ROTARY TOOLS 0-5964' CABLE TOOLS --

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 5635'-5640' - Ismay 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN (DIL, GHC, CML-FDC) 27. WAS WELL CORED No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8	36	1835	12-1/4	400 sx Halliburton Light	with additives
				180 sx Regular B	
5-1/2	17	5973	8-3/4	1200 sx 50-50 Pozmix B	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	30. TUBING RECORD
					Anchor
					SIZE 2-7/8 DEPTH SET (MD) 5616' PACKER SET (MD) 5586'

31. PERFORATION RECORD (Interval, size and number)

5597-5619'	- two holes per foot
5658-5674'	- one hole per foot
5635-5647'	- two holes per foot
5635-5640'	- one hole per foot

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5658-5674'	750 gal 28% HCL w/700 SCF N ₂
5597-5674'	150 sx Class B cement
5597-5647'	150 sx Class B cement
5635-5640'	5000 gal 28% MSR Acid

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)					
8-1-83	Pumping	Producing					
DATE OF TEST	HOURS TESTED	CHOKER SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
8-8-84	24	--	→	9	0	135	--
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
16	25	→	9	0	135	--	

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

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 Robert L. Peterson TITLE Staff Engineer DATE 8-16-84

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

Phone
713-790-9132

LYNES, INC.

Box 12486
Houston, TX 77017

Contractor Arapahoe
Rig No. 4
Spot --
Sec. 32
Twp. 37S
Rng. 25E
Field Patterson Canyon
County San Juan
State Utah
Elevation 5412 Ft. K.B.
Formation Upper Ismay

Top Choke 1/2"
Bottom Choke 1"
Size Hole 8 3/4"
Size Rat Hole --
Size & Wt. D. P. 4 1/2" XH 16.60
Size Wt. Pipe --
I. D. of D. C. 2 1/4"
Length of D. C. 648 Ft.
Total Depth 5648 Ft.
Interval Tested 5592-5648 Ft.
Type of Test Bottom Hole
Conventional

Flow No. 1 26 Min.
Shut-in No. 1 130 Min.
Flow No. 2 224 Min.
Shut-in No. 2 368 Min.
Flow No. 3 -- Min.
Shut-in No. 3 -- Min.

Bottom
Hole Temp. 128.8°F
Mud Weight 10.2
Gravity --
Viscosity 34

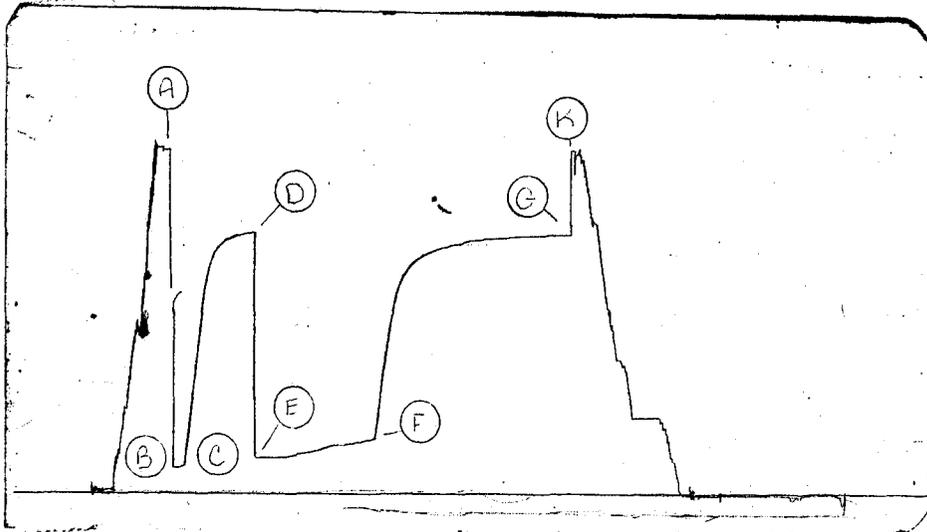
Tool opened @ 2:40 AM

Outside Recorder

PRD Make Kuster K-3
No. 7653 Cap. 4000 @ 5640'

	Press	Corrected
Initial Hydrostatic	A	2964
Final Hydrostatic	K	2983
Initial Flow	B	202
Final Initial Flow	C	219
Initial Shut-in	D	2246
Second Initial Flow	E	294
Second Final Flow	F	464
Second Shut-in	G	2254
Third Initial Flow	H	--
Third Final Flow	I	--
Third Shut-in	J	--
Extrapolated FSI:		2404.99
		(PSIA)

Lynes Dist.: Rock Springs, WY.
Our Tester: Charles Tuzicka
Witnessed By: Howard Leeper



Did Well Flow - Gas Yes Oil No Water No

RECOVERY IN PIPE: [Test Was Reverse Circulated]
1200 Ft. Total fluid = 11.01 bbls.
1200 Ft. Highly gas and oil cut mud = 11.01 bbls.

Blow Description

1st Flow: Tool opened with a weak blow, increased to the bottom of the bucket in 5 minutes, increased to 3 1/2 psi in 10 minutes, increased to 10 psi in 26 minutes. Gas to surface 5 minutes into the initial shut-in.

2nd Flow: Tool opened with a strong blow, See Gas Volume Report.

Comments: The test results indicate a good mechanical test. Reservoir calculations are enclosed.

Operator Celsius Energy Company
Address See Distribution

Well Name and No. Patterson Unit # 4
Ticket No. 04120
Date 6/24/83

DST No. 1
No. Final Copies 17

LYNES, INC.

Celsius Energy Company
Operator

Patterson Unit # 4
Well Name and No.

1
DST No.

Comments relative to DST # 1 run on Patterson Unit # 4 for Celsius Energy Company in San Juan County, Utah, 32-37S-25E

The enclosed calculations were performed by plotting the time pressure data on a semi-log scale and using the resultant slope and extrapolated pressure in the appropriate fluid calculations.

The initial shut-in was plotted, but no extrapolation was performed due to insufficient curve development. The final shut-in extrapolated to 2404.99 psi and had a slope of 321.06 psi/cycle. This extrapolated pressure is equivalent to a sub-surface pressure gradient of 0.426 psi/foot at the recorder depth of 5648 feet.

The calculated flow capacity of 27.8 md-ft indicates an average effective permeability of 0.70 md over the 40 feet of pay, which was given by Celsius Energy Company, as was the porosity.

The calculated skin factor of 2.12 and the damage ratio of 1.45 suggest that the zone may be slightly damaged.

Please note that all reservoir parameters used in the calculations have been estimated -- except for the porosity and the net pay which were supplied by Celsius Energy Company.



T.H. Adams, C.E.T.
Technical Service Manager

Operator.....: CELSIUS ENERGY CO.
 Well ID.....: PATTERSON UNIT # 4
 Location.....: 32-37S-25E
 DST Number.....: 1
 Formation.....: UPPER ISMAY
 Type of test....: BOTTOM HOLE CONVENTIONAL
 Test interval...: 5592-5648
 Recorder number : 1622
 Recorder depth : 5648

RESERVOIR CALCULATIONS: Fluid calculations based on 2nd shut-in

RESERVOIR PARAMATERS USED:

Net Pay.....: 40.00 ft.
 Porosity.....: 12.00 %
 Compressibility.....: .000013 /psi
 Flow rate.....: 56.00 bbl/day
 Extrapolation.....: 2404.99 psi
 Slope.....: 321.06 psi/cycle
 Wellbore radius.....: .36 ft.
 Total flowing time....: 250.00 minutes
 Final flowing pressure: 517.00 psi
 Formation vol. factor : 1.29 rb/stb
 Viscosity.....: .76 cp

RESULTS:

Effective Permeability...(k)....: .70 md
 Flow capacity.....(kh)....: 27.80 md-ft
 Transmissibility.....(kh/u)....: 36.59 md-ft/cp
 Skin.....(s)....: 2.12
 Pressure drop across skin.....: 592.05 psi
 Damage ratio.....: 1.46
 Productivity index.....: .03 bbl-day/psi
 Productivity index W/O damage : .04 bbl-day/psi
 Radius of investigation.....: 45.33 ft.

TEST #: 1
 PATTERSON UNIT # 4
 5592-5648

Location: 32-37S-25E
 Test Type: BOTTOM HOLE CONVENTIONAL
 Formation: UPPER ISMAY

Recorder Number: 1622
 Recorder Depth: 5648 ft.

TIME-PRESSURE LISTING

CHART LABEL	COMMENTS	TIME MIN.	DELTA P PSI	PRESSURE (T+dt)/dt PSI	ABSCISSA	PRESSURE SQUARED PSI ² /10 ⁶
A	INITIAL HYDROSTATIC	0.0		3029.0		
B	START OF 1st FLOW	0.0		197.0		
C	END OF 1st FLOW	26.0		279.0		
	1st SHUTIN PERIOD	0.0	0.0	279.0	0.0000	
		10.0	413.0	692.0	3.6000	
		20.0	839.0	1118.0	2.3000	
		30.0	1296.0	1575.0	1.8667	
		40.0	1660.0	1939.0	1.6500	
		50.0	1847.0	2126.0	1.5200	
		60.0	1935.0	2214.0	1.4333	
		70.0	1981.0	2260.0	1.3714	
		80.0	2011.0	2290.0	1.3250	
		90.0	2030.0	2309.0	1.2889	
		100.0	2044.0	2323.0	1.2600	
		110.0	2055.0	2334.0	1.2364	
		120.0	2064.0	2343.0	1.2167	
D	END OF 1st SHUTIN	130.0	2070.0	2349.0	1.2000	
E	START OF 2nd FLOW	0.0		270.0		
F	END OF 2nd FLOW	224.0		517.0		
	2nd SHUTIN PERIOD	0.0	0.0	517.0	1.2000	
		10.0	483.0	1000.0	26.0000	
		20.0	844.0	1361.0	13.5000	
		30.0	1144.0	1661.0	9.3333	
		40.0	1341.0	1858.0	7.2500	
		50.0	1462.0	1979.0	6.0000	
		60.0	1536.0	2053.0	5.1667	
		70.0	1588.0	2105.0	4.5714	
		80.0	1623.0	2140.0	4.1250	
		90.0	1651.0	2168.0	3.7778	
		100.0	1673.0	2190.0	3.5000	
		110.0	1691.0	2208.0	3.2727	
		120.0	1706.0	2223.0	3.0833	
		130.0	1718.0	2235.0	2.9231	
		140.0	1728.0	2245.0	2.7857	
		150.0	1738.0	2255.0	2.6667	
		160.0	1746.0	2263.0	2.5625	
		170.0	1754.0	2271.0	2.4706	
		180.0	1761.0	2278.0	2.3889	

Location: 32-37S-25E
 Test Type: BOTTOM HOLE CONVENTIONAL
 Formation: UPPER ISMAY

Recorder Number: 1622
 Recorder Depth: 5648 ft.

TIME-PRESSURE LISTING

CHART LABEL	COMMENTS	TIME MIN.	DELTA P PSI	PRESSURE (T+dt)/dt PSI	ABSCISSA	PRESSURE SQUARED PSI ² /10 ⁶
		190.0	1766.0	2283.0	2.3158	
		200.0	1771.0	2288.0	2.2500	
		210.0	1776.0	2293.0	2.1905	
		220.0	1779.0	2296.0	2.1364	
		230.0	1784.0	2301.0	2.0870	
		240.0	1787.0	2304.0	2.0417	
		250.0	1789.0	2306.0	2.0000	
		260.0	1793.0	2310.0	1.9615	
		270.0	1796.0	2313.0	1.9259*	
		280.0	1799.0	2316.0	1.8929*	
		290.0	1802.0	2319.0	1.8621*	
		300.0	1804.0	2321.0	1.8333*	
		310.0	1806.0	2323.0	1.8065*	
		320.0	1807.0	2324.0	1.7813*	
		330.0	1809.0	2326.0	1.7576*	
		340.0	1811.0	2328.0	1.7353*	
		350.0	1813.0	2330.0	1.7143*	
G	END OF 2nd SHUTIN	358.0	1814.0	2331.0	1.6983*	
K	FINAL HYDROSTATIC	0.0		3014.0		

* VALUES USED FOR EXTRAPOLATIONS

CELSIUS ENERGY CO.
DST#: 1
PATTERSON UNIT # 4
5592-5648

Location: 32-37S-25E
Test Type: BOTTOM HOLE CONVENTIONAL
Formation: UPPER ISMAY

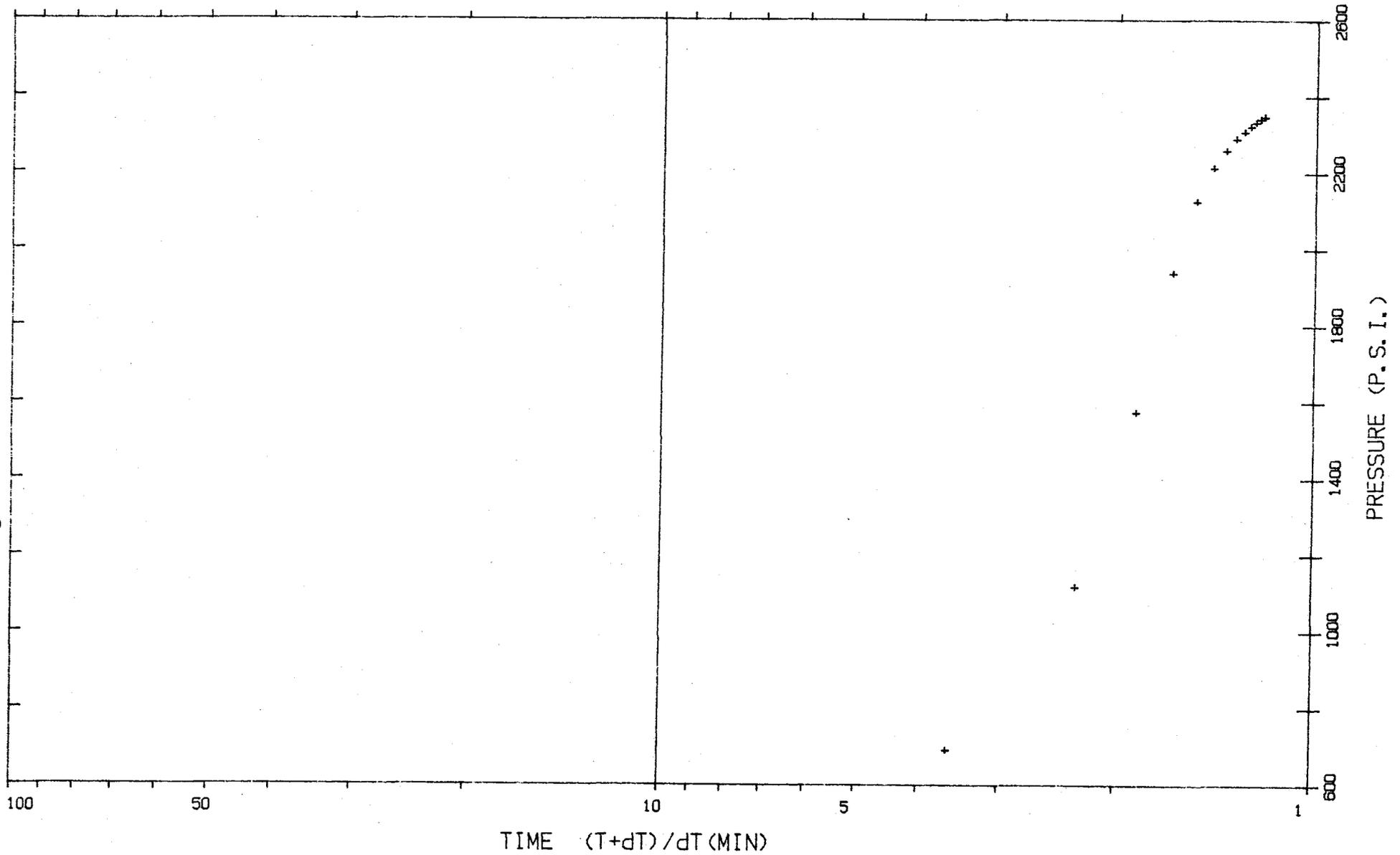
Recorder Number: 1622
Recorder Depth: 5648 ft.

2nd SHUT-IN
HORNER EXTRAPOLATION 2404.99 PSI
HORNER SLOPE 321.06 PSI/cycle

OPERATOR: CELSIUS ENERGY CO.
WELL NAME: PATTERSON UNIT # 4
LOCATION: 32-37S-25E
FIRST SHUT-IN
RECORDER: 1622

DST #: 1

DEPTH: 5648



OPERATOR: CELSIUS ENERGY CO.

WELL NAME: PATTERSON UNIT # 4

LOCATION: 32-37S-25E

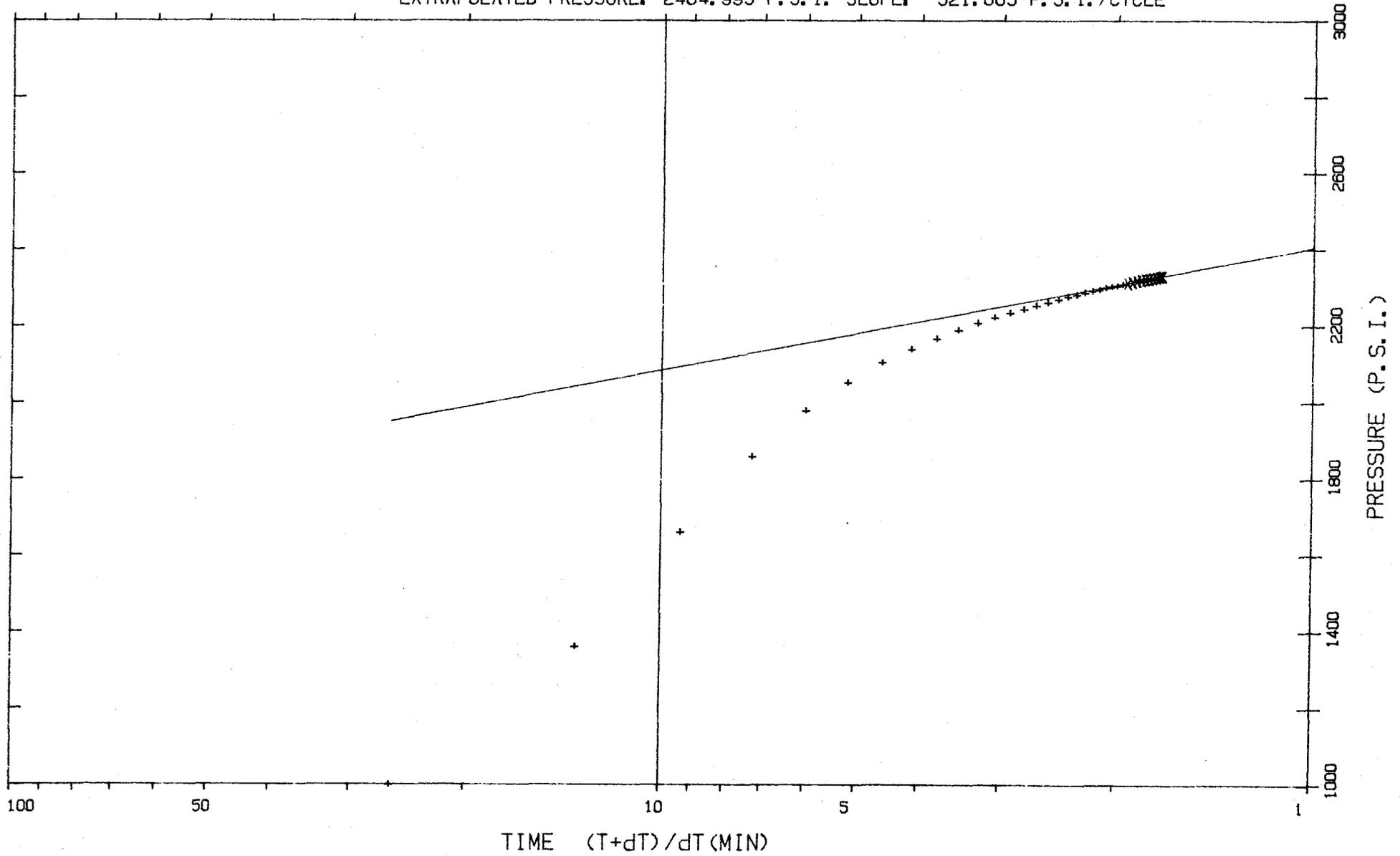
SECOND SHUT-IN

RECORDER: 1622

DST #: 1

DEPTH: 5648

EXTRAPOLATED PRESSURE: 2404.993 P. S. I. SLOPE: 321.063 P. S. I. /CYCLE



OPERATOR: CELSIUS ENERGY CO.

WELL NAME: PATTERSON UNIT # 4

LOCATION: 32-37S-25E

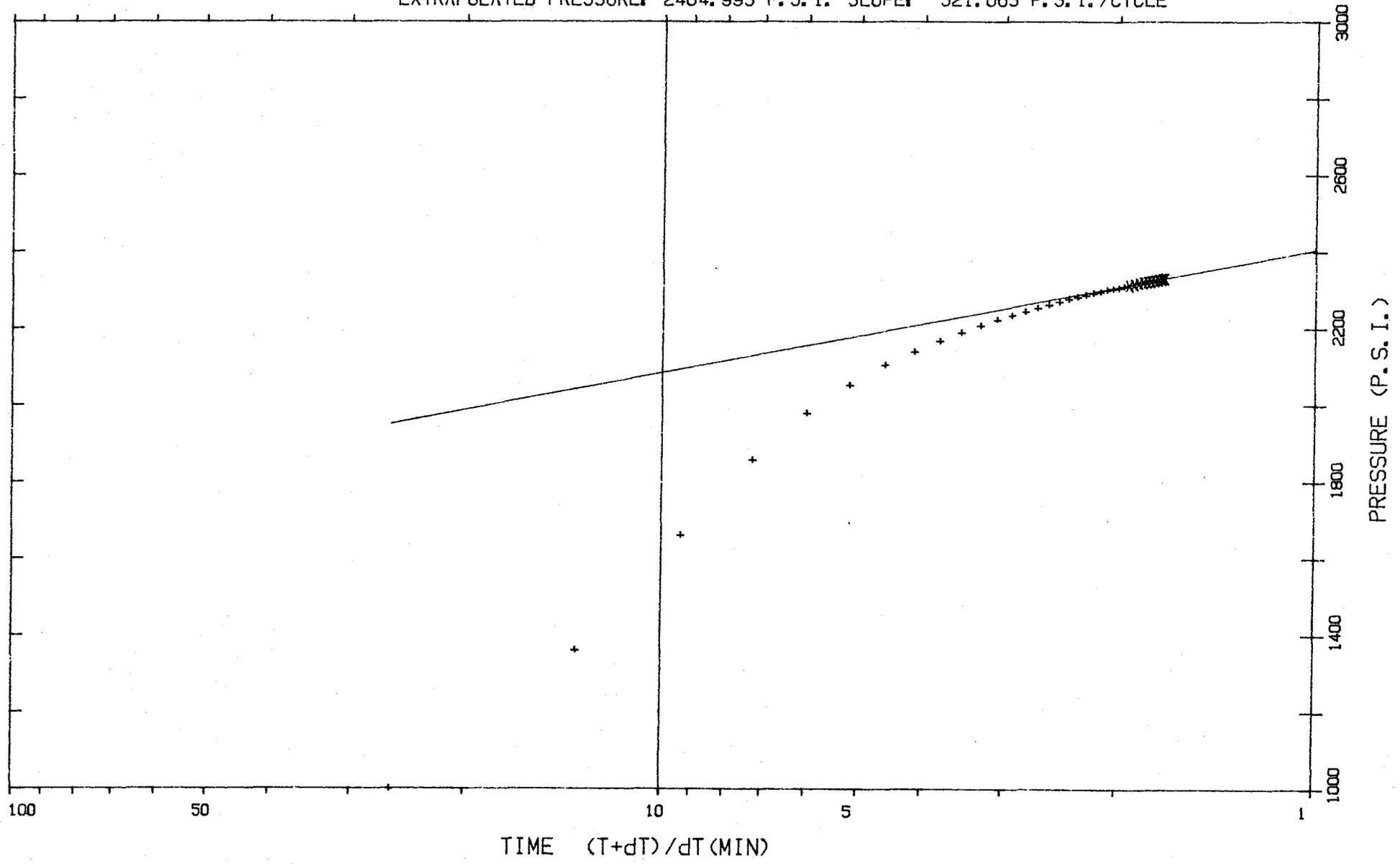
SECOND SHUT-IN

RECORDER: 1622

DST #: 1

DEPTH: 5648

EXTRAPOLATED PRESSURE: 2404.993 P. S. I. SLOPE: 321.063 P. S. I. /CYCLE



LYNES, INC.

Gas Volume Report

Celsius Energy Company
Operator

Patterson Unit # 4

Well Name and No.

1
DST No.

Min.	PSIG	Orifice Size	MCF/D	Comments
5	6	1/2"	31	Second Flow Period.
10	8	1/2"	34	
20	8	1/2"	34	
30	8	1/2"	34	
40	8	1/2"	34	
50	8	1/2"	34	
60	8	1/2"	34	
70	10	1/2"	37	
80	10	1/2"	37	
90	10	1/2"	37	
100	10	1/2"	37	
110	8	1/2"	34	
120	6	1/2"	31	
130	6	1/2"	31	
140	6	1/2"	31	
150	6	1/2"	31	
160	5	1/2"	29.5	
170	5	1/2"	29.5	
180	4	1/2"	28	
190	4	1/2"	28	
200	4	1/2"	28	
224	4	1/2"	28	
Remarks:				

LYNES, INC.

Sampler Report

Company Celsius Energy Company Date 6/24/83
Well Name & No. Patterson Unit # 4 Ticket No. 04120
County San Juan State Utah
Test Interval 5592-5648 Ft. DST No. 1

Total Volume of Sampler: 2150 cc.
Total Volume of Sample: 1500 cc.
Pressure in Sampler: 1500 psig
Oil: 1500 mud cut cc.
Water: None cc.
Mud: -- cc.
Gas: 2 cu. ft.
Other: --

Resistivity

Make Up Water 10 @ 60 °F Salinity Content 620 ppm.
Mud Pit Sample 1 @ 65 °F Salinity Content 6,500 ppm.
Gas/Oil Ratio 213.3/1 Gravity 42 °API @ °F

Where was sample drained On location.

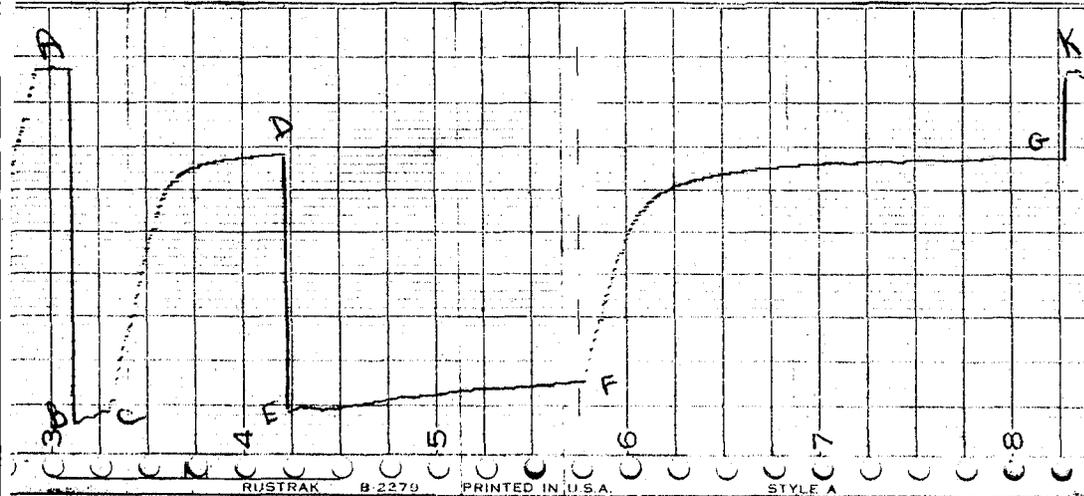
Remarks:

PRESSURE RECORDER NUMBER : 1622

DEPTH : 5648.00ft. LOCATION : OUTSIDE
TYPE : DMR CAPACITY : 5000.00 PSI

PRESSURE
PSI

A)Initial Hydro : 3029.0
B)1st Flow Start: 197.0
C)1st Flow End : 279.0
D)END 1st Shutin: 2349.0
E)2nd Flow Start: 270.0
F)2nd Flow End : 517.0
G)END 2nd Shutin: 2331.0
K)Final Hydro. : 3014.0



Maximum DMR Temperature: 128.8°F

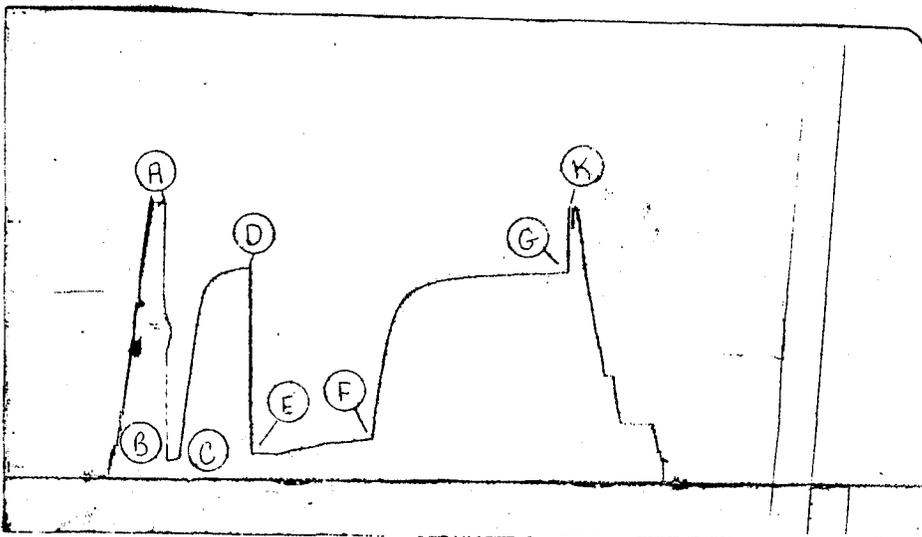
TEST TIMES(MIN)
1st FLOW : 26
SHUTIN:130
2nd FLOW :224
SHUTIN:368

PRESSURE RECORDER NUMBER : 18731

DEPTH : 5601.00ft. LOCATION : INSIDE
TYPE : K-3 CAPACITY : 5125.00 PSI

PRESSURE
PSI

A)Initial Hydro : 3002.0
B)1st Flow Start: 205.0
C)1st Flow End : 221.0
D)END 1st Shutin: 2302.0
E)2nd Flow Start: 290.0
F)2nd Flow End : 469.0
G)END 2nd Shutin: 2302.0
K)Final Hydro. : 3019.0



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. 4
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 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 WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	
2. NAME OF OPERATOR Wexpro Company	
3. ADDRESS OF OPERATOR P. O. Box 458, Rock Springs, Wyoming 82902	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface SW SW, 700' FSL, 500' FWL	
14. PERMIT NO. 30844	15. ELEVATIONS (Show whether SF, RT, GR, etc.) GR 5403½

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) _____	(Other) _____
(Other) See Below <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.)*

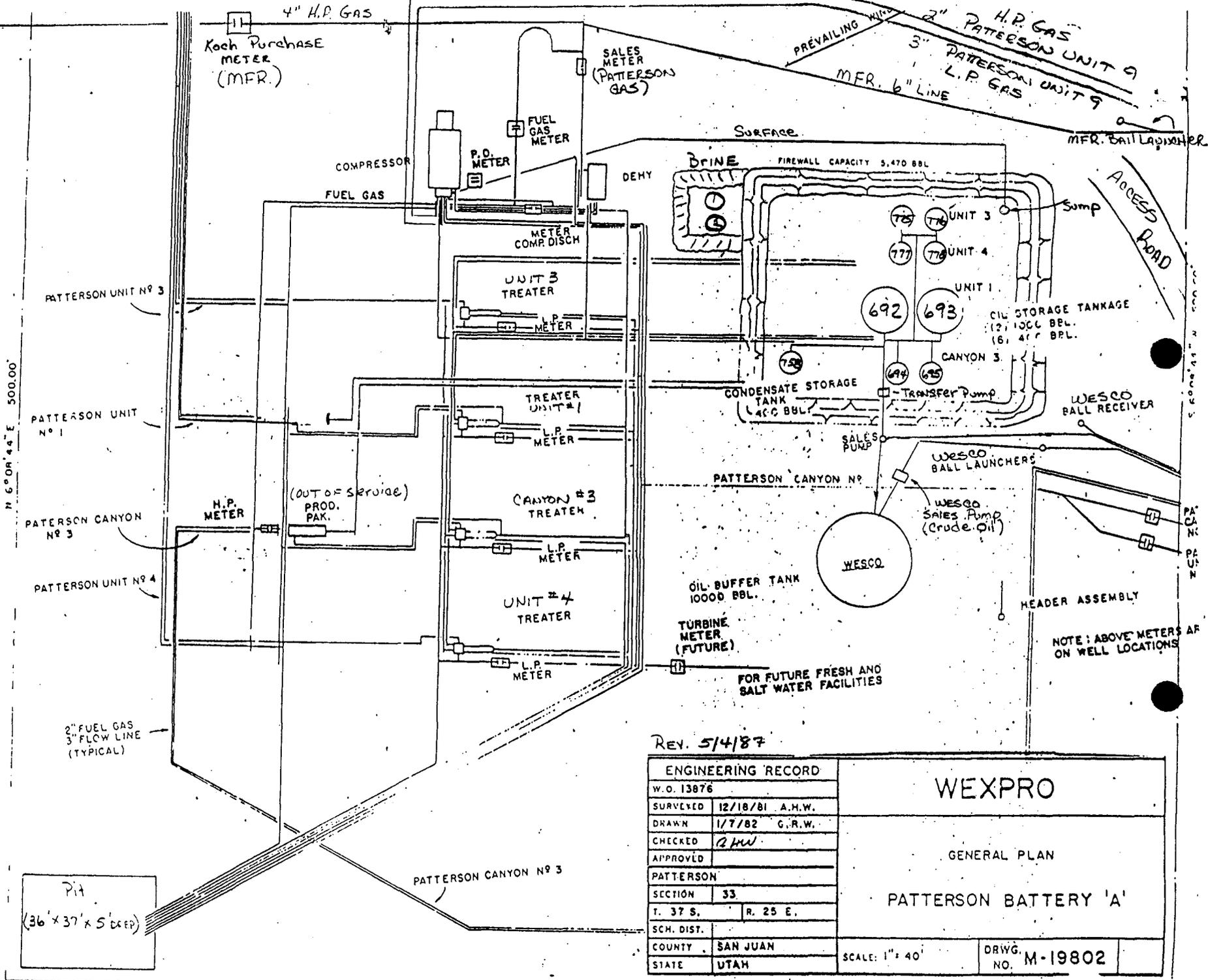
Wexpro Company requests permission for off-lease measurement of the above-captioned well. Due to the contraction of the Patterson Unit, the Patterson Battery and this well location are no longer within the unit boundaries. A facility diagram and unit map are attached for further reference. This well produces approximately 3 BOPD, 12 BWPD, and 71 MCFPD.

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

SIGNED A. H. Stigan TITLE District Manager DATE May 4, 1987

(This space for Federal or State office use)

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



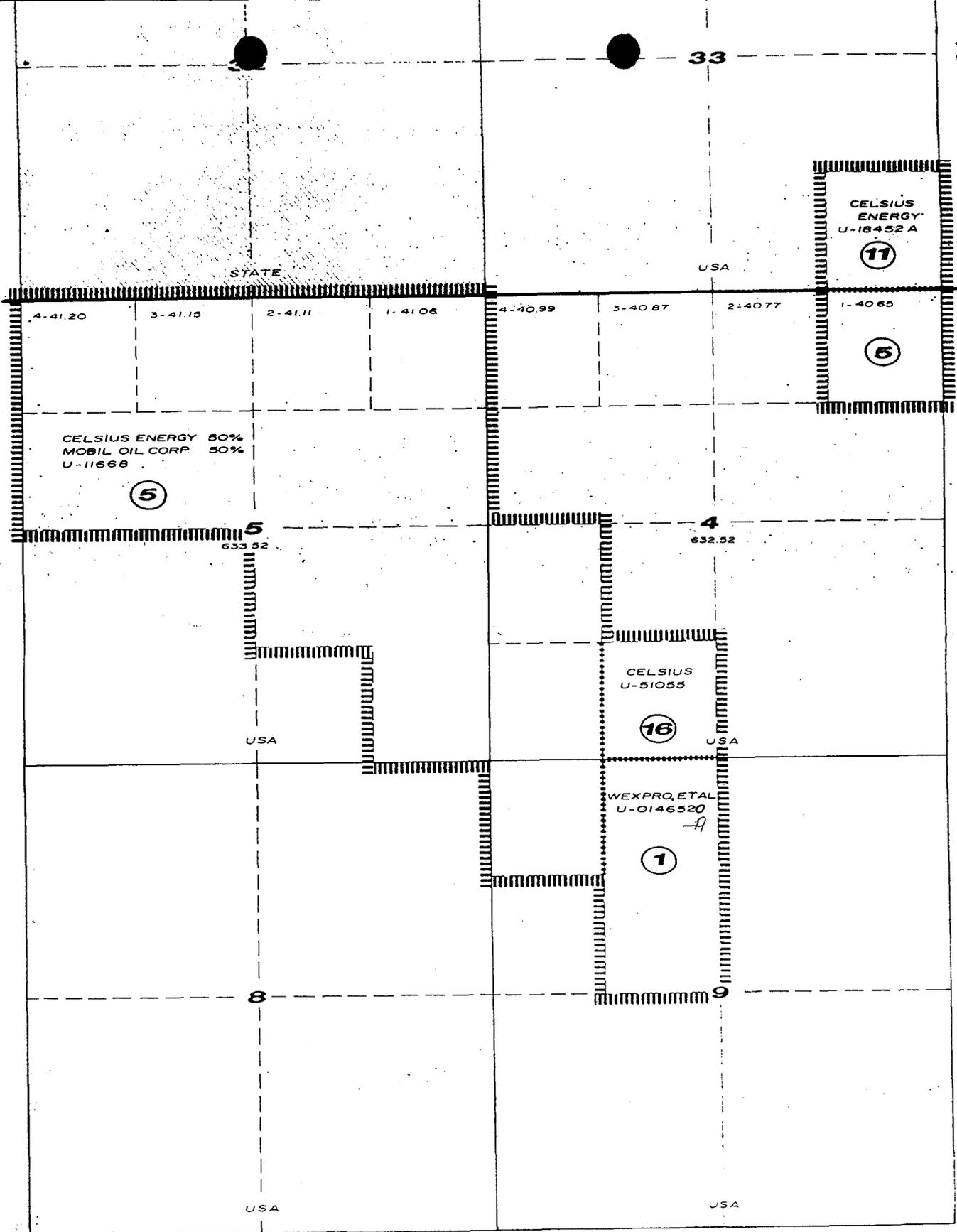
REV. 5/4/87

ENGINEERING RECORD		WEXPRO	
W.O. 13876			
SURVEYED	12/18/81 A.H.W.	GENERAL PLAN	
DRAWN	1/7/82 G.R.W.		
CHECKED	AHW		
APPROVED			
PATTERSON		PATTERSON BATTERY 'A'	
SECTION	33		
T. 37 S.	R. 25 E.		
SCH. DIST.			
COUNTY	SAN JUAN	SCALE: 1" = 40'	DRWG. NO. M-19802
STATE	UTAH		

Pit
(36' x 37' x 5' deep)

N 83° 51' E 500.00'

T
37
S



T
38
S

MAILED FROM THE FOLLOWING
UT LAND OFFICE SURVEY PLATS

1-2 JULY 28, 1923 (ALL ARE IN THE S.L.B. & M., UTAH)
1-3 MARCH 31, 1920

	ACRES	PERCENT
UNIT BOUNDARY	765.17	100.00000

TRACT BOUNDARY AND NUMBER

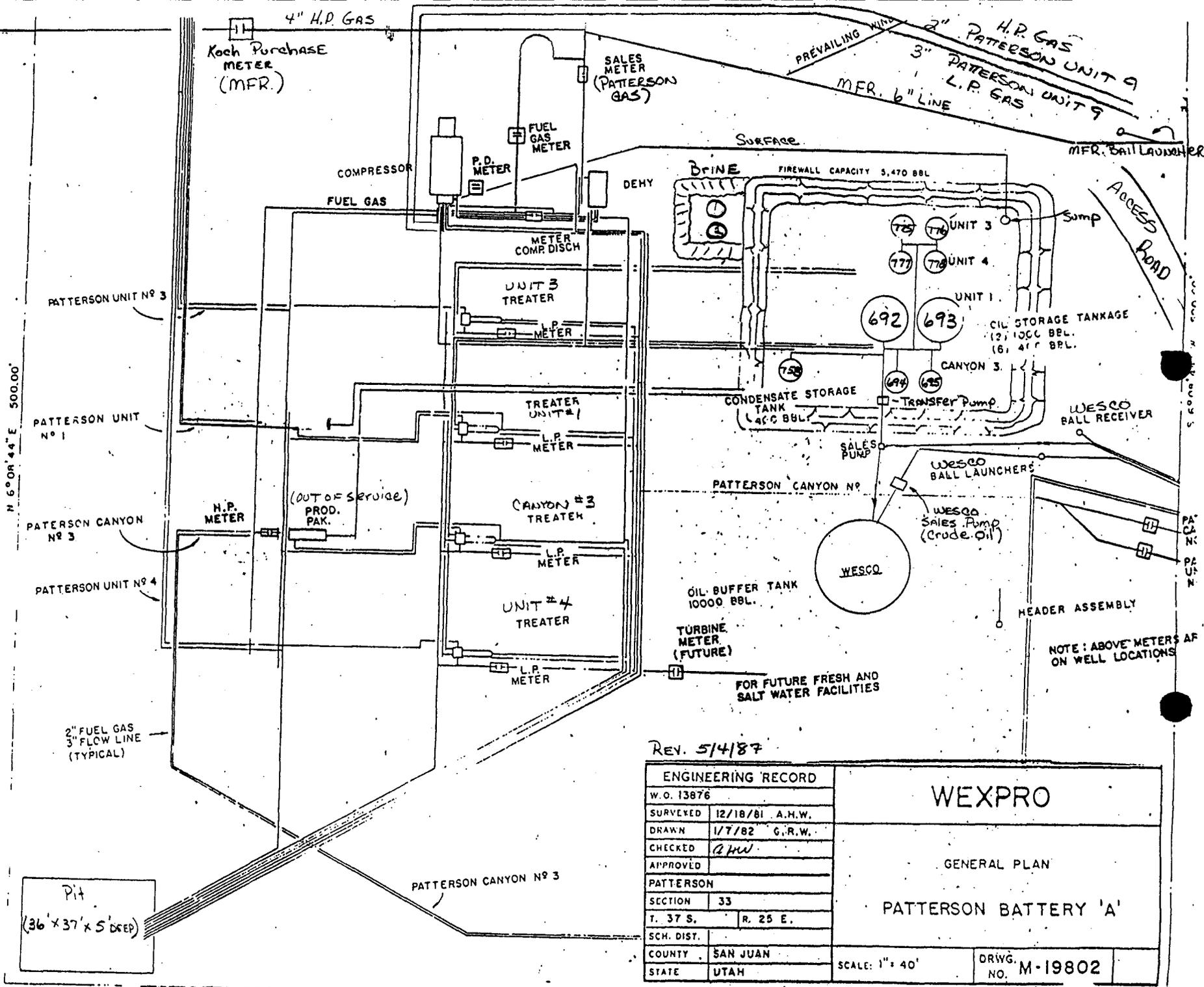
FEDERAL LANDS	765.17	100.00000
---------------	--------	-----------

STATE LANDS

— ABBREVIATIONS —

EXHIBIT 'A'
CONTRACTED PATTERSON UNIT
SAN JUAN COUNTY, UTAH

WEXPRO COMPANY
SALT LAKE CITY, UTAH



N. 6° 01' 44" E 500.00'

PATTERSON UNIT No 3
 PATTERSON UNIT No 1
 PATTERSON CANYON No 3
 PATTERSON UNIT No 4

2" FUEL GAS
 3" FLOW LINE
 (TYPICAL)

Pit
 (36' x 37' x 5' DEEP)

PATTERSON CANYON No 3

REV. 5/4/87

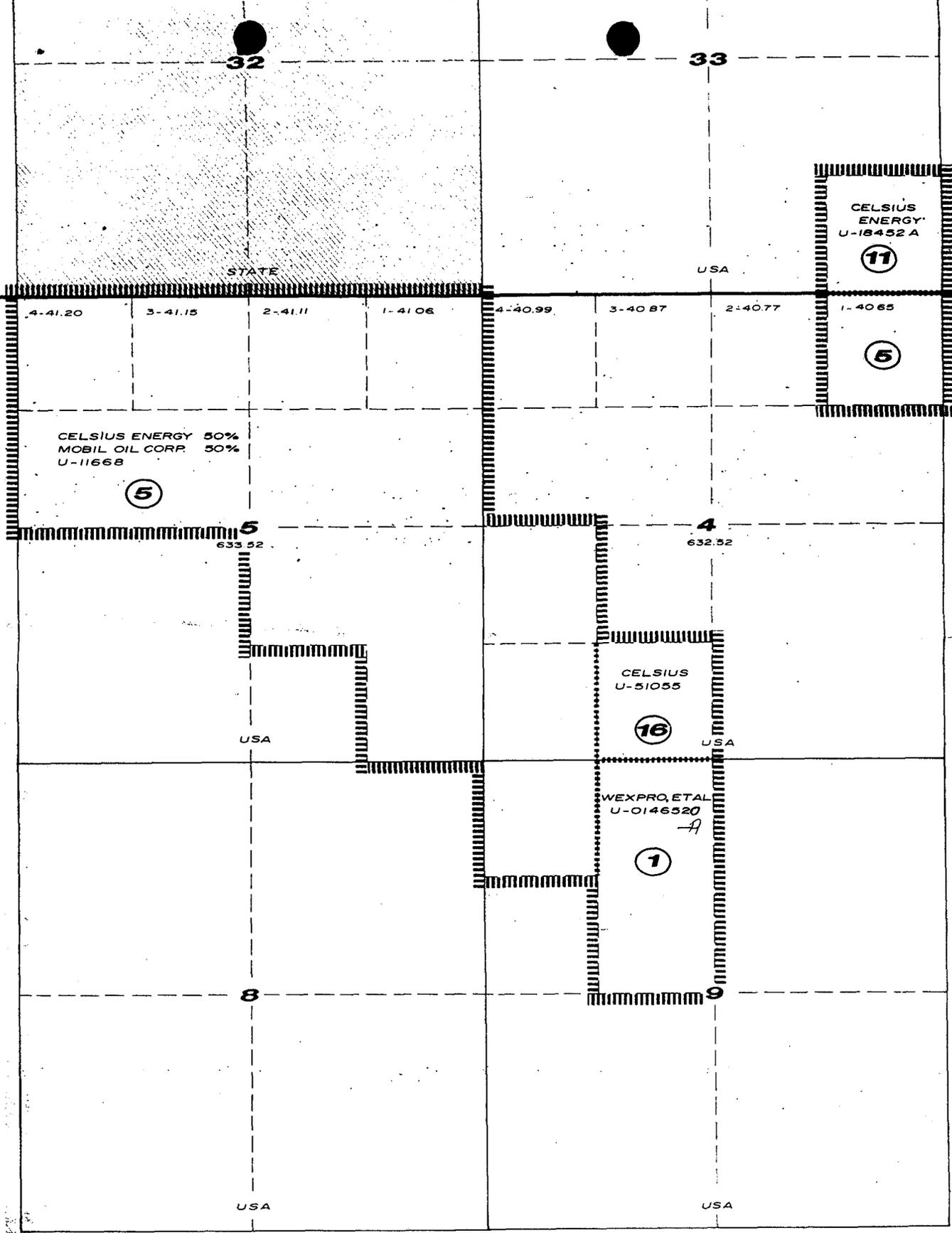
ENGINEERING RECORD		WEXPRO	
W.O. 13876			
SURVEYED	12/18/81	A.H.W.	
DRAWN	1/7/82	G.R.W.	
CHECKED	A.H.W.		
APPROVED			
PATTERSON			
SECTION	33		
T. 37 S.	R. 25 E.		
SCH. DIST.			
COUNTY	SAN JUAN		
STATE	UTAH		
SCALE: 1" = 40'		ORIG. NO.	M-19802

GENERAL PLAN
 PATTERSON BATTERY 'A'

NOTE: ABOVE METERS AF
 ON WELL LOCATIONS

N83°51'11" 500.00'

T
37
S



T
38
S

MAILED FROM THE FOLLOWING
AT LAND OFFICE SURVEY PLATS:

1 JULY 28, 1923 (ALL ARE IN THE S.L.B. & M., UTAH)
2 MARCH 31, 1920

	ACRES	PERCENT
UNIT BOUNDARY	765.17	100.00000

TRACT BOUNDARY AND NUMBER

FEDERAL LANDS	765.17	100.00000
---------------	--------	-----------

STATE LANDS

ABBREVIATIONS

EXHIBIT 'A'
CONTRACTED PATTERSON UNIT
SAN JUAN COUNTY, UTAH

WEXPRO COMPANY
SALT LAKE CITY, UTAH

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

SUBMIT IN DUPLICATE
(See other instructions
on reverse side)

56 64 01

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECORDED
MAR 18 1988
DIVISION OF
OIL, GAS & MINING

5. LEASE DENIGATION AND SERIAL NO.
ML-27237 POW/Ismy
16. IF INDIAN, ALLOTTEE OR TRIBE NAME

17. UNIT AGREEMENT NAME
Patterson
18. FARM OR LEASE NAME
Unit
19. WELL NO.
4
10. FIELD AND POOL, OR WILDCAT
Wildcat
11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREA
32-37S-25E, SLB&M

1a. TYPE OF WELL: OIL WELL GAS WELL DRY
1b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. CEVSR. Other _____

2. NAME OF OPERATOR
Celsius Energy Company

3. ADDRESS OF OPERATOR
P. O. Box 458, Rock Springs, WY 82902

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface SW SW, 700' FSL, 500' FWL
At top prod. interval reported below
At total depth

14. PERMIT NO. 43-037-30844
DATE ISSUED 11/4/82

12. COUNTY OR PARISH San Juan
13. STATE Utah

15. DATE SPUNDED 6/11/83
16. DATE T.D. REACHED 6/27/83
17. DATE COMPL. (Ready to prod.) 8/8/84
18. ELEVATIONS (SP, RES, RT, CR, ETC.)* GR 5403' KB 5409.06'
19. ELEV. CASINGHEAD ---
20. TOTAL DEPTH, MD & TVD 5964'
21. PLUG, BACK T.D., MD & TVD 5655'
22. IF MULTIPLE COMPL., HOW MANY* ---
23. INTERVALS DRILLED BY ROTARY TOOLS 0-5964'
CABLE TOOLS ---

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
5635'-5640' - Ismay
25. WAS DIRECTIONAL SURVEY MADE
No

26. TYPE ELECTRIC AND OTHER LOGS RUN
DIL, BHC, CNL-FDC
27. WAS WELL CORED
No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8	36	1835	12-1/4	400 sx Halliburton Light	with additives
				180 sx Regular B	
5-1/2	17	5973	8-3/4	1200 sx 50-50 Pozmix B	

29. LINER RECORD

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

30. TUBING RECORD Anchor

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8	5616'	5586'

31. PERFORATION RECORD (Interval, size and number)
5597-5619' - two holes per foot
5658-5674' - one hole per foot
5635-5647' - two holes per foot
5635-5640' - one hole per foot

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5658-5674'	750 gal 28% HCL w/700 SCF N ₂
5597-5674'	150 sx Class B cement
5597-5647'	150 sx Class B cement
5635-5640'	5000 gal 28% MSR Acid

33. PRODUCTION
DATE FIRST PRODUCTION 8-1-83
PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping
WELL STATUS (Producing or shut-in) Producing
DATE OF TEST 8-8-84
HOURS TESTED 24
CHOKE SIZE ---
PROD'N. FOR TEST PERIOD
OIL—BSL. 9 GAS—MCF. 0 WATER—BSL. 135 GAS-OIL RATIO ---
FLOW, TUBING PRESS. 16 CASING PRESSURE 25
CALCULATED 24-HOUR RATE
OIL—BSL. 9 GAS—MCF. 0 WATER—BSL. 135 OIL GRAVITY-API (CORR.) ---

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

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 [Signature] TITLE Staff Engineer DATE 8-16-84

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



Operator Change N4850 to N1070

032514

WEXPRO COMPANY

79 SOUTH STATE STREET • P. O. BOX 11070 • SALT LAKE CITY, UTAH 84147 • PHONE (801) 530-2600

March 17, 1988

RECEIVED
MAR 18 1988

State of Utah
Department of Natural Resources
Division of Oil, Gas, and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203

DIVISION OF
OIL, GAS & MINING

Reference: Designation of Agent
Patterson Unit Well No. 4
San Juan County, Utah

POW / ISmy
43-037-30844

Gentlemen:

Patterson Unit Well No. 4 has been drilled in the SW $\frac{1}{4}$ SW $\frac{1}{4}$ of Section 32, Township 37 South, Range 25 East, SLM, San Juan County, Utah. This well was drilled under the provisions of the Patterson Unit Agreement, designated number 14-08-0001-18033 by the Bureau of Land Management. Wexpro Company is the designated operator of this unit.

Wexpro Company executed a Designation of Agent to Celsius Energy Company for the drilling of this well. A copy of this designation is attached. Please note the final paragraph where it is specified that upon filing of required federal reports, the designation will terminate and operations returned to the unit operator, Wexpro Company.

Also attached is the Well Completion Report for this well, filed by Celsius Energy Company, indicating this well was completed and the report filed August 16, 1984. On the date of this filing, operations returned to Wexpro Company.

Sincerely,

R. E. Pittam, Director
Units and Joint Operations

is

Attachments

TRUST AND
ADMINISTRATION

Approved OT
Deny _____

January 14, 1998
Mineral Actions
Page M-2

1 YEAR EXTENSION OF OIL, GAS AND HYDROCARBON LEASE ML 43209

Section 2 of the lease terms for the above listed lease allows for the lease to be continued past the primary term if the lessee is engaged in diligent operations, exploration, research or development activity which is reasonably calculated to advance development or production of substances from the leased premises. River Gas Corporation, lessee of the above numbered lease has furnished this office with sufficient evidence to allow for this lease to be extended for one year. The lessee will pay a minimum royalty equal to three times the annual rental, which will make the lease rental \$8/ acre for the above listed lease. The expiration date for this lease shall be February 28, 1999.

Upon the recommendation of Mr. Bonner, the Director approved the one-year extension of ML 43209 as described.

FUND: SCH

TERMINATION OF OIL, GAS AND HYDROCARBON LEASE ML 27237

State of Utah Oil, Gas and Hydrocarbon lease ML 27237 was entered into and approved by the Division on December 4, 1970. This lease was extended beyond the primary term due to the drilling, completion, and subsequent production of hydrocarbons from the Patterson Unit #4 Well (API 43-037-30844)

The Patterson Unit #4 Well ceased producing the last several years. The operator has indicated their plans are to plug the well and reclaim the location.

Due to non production from The Patterson Unit #4 Well ML 27237 should be terminated, effective December 31, 1997. The following described lands should be offered through the Division's simultaneous filing process.

T37 S, R25 E, SLB&M.
Sec. 32: W $\frac{1}{2}$, SE $\frac{1}{4}$, W $\frac{1}{2}$ NE $\frac{1}{4}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$

San Juan County
600.00 acres

Upon the recommendation of Mr. Bonner, the Director approved the termination of ML 27237.

FUND: SCH

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

(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 checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. ML-27237																				
2. NAME OF OPERATOR Wexpro Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME ---																				
3. ADDRESS OF OPERATOR P O Box 458, Rock Springs, WY 82902-0458		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 SW SW, 700' FSL, 500' FWL		8. FARM OR LEASE NAME Unit																				
14. PERMIT NO. API: 43-037-30844	15. ELEVATIONS (Show whether DF, RT, OH, etc.) GR 5403' KB 5409.06'	9. WELL NO. 4																				
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data		10. FIELD AND POOL, OR WILDCAT Wildcat																				
<table border="0"> <tr> <td colspan="2">NOTICE OF INTENTION TO:</td> <td colspan="2">SUBSEQUENT REPORT OF:</td> </tr> <tr> <td>TEST WATER SHUT-OFF <input type="checkbox"/></td> <td>FULL OR ALTER CASING <input type="checkbox"/></td> <td>WATER SHUT-OFF <input type="checkbox"/></td> <td>REPAIRING WELL <input type="checkbox"/></td> </tr> <tr> <td>FRACTURE TREAT <input type="checkbox"/></td> <td>MULTIPLE COMPLETE <input type="checkbox"/></td> <td>FRACTURE TREATMENT <input type="checkbox"/></td> <td>ALTERING CASING <input type="checkbox"/></td> </tr> <tr> <td>SHOOT OR ACIDIZE <input type="checkbox"/></td> <td>ABANDON* <input checked="" type="checkbox"/></td> <td>SHOOTING OR ACIDIZING <input type="checkbox"/></td> <td>ABANDONMENT* <input type="checkbox"/></td> </tr> <tr> <td>REPAIR WELL <input type="checkbox"/></td> <td>CHANGE PLANS <input type="checkbox"/></td> <td>(Other) _____</td> <td></td> </tr> </table>		NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:		TEST WATER SHUT-OFF <input type="checkbox"/>	FULL 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) _____		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 32-37S-25E SLB&M
NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:																				
TEST WATER SHUT-OFF <input type="checkbox"/>	FULL 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) _____																				
		12. COUNTY OR PARISH San Juan																				
		13. STATE UT																				

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 would like to plug the subject well as follows:

- 1) Pull all rods and tubulars.
- 2) Set retainer at 5450 feet (perfs at 5597-5647 feet).
- 3) Squeeze perfs with 50 sacks "G" cement and leave one sack atop retainer.
- 4) Load hole with 9 PPG poz/gel fluid.
- 5) Set 100 foot plug from 2700 to 2800 feet.
- 6) Set 50 foot plug at surface in 5-1/2 inch casing.
- 7) Cut wellhead off 4 feet below ground level and install regulation dry hole marker

RECEIVED
 MOAB FIELD OFFICE
 1998 MAR - 6 PM 1:42
 DEPT OF THE INTERIOR
 BUREAU OF LAND MGMT

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

SIGNED [Signature] TITLE Operations Manager DATE 3/3/98

(This space for Federal or State office use)

APPROVED BY [Signature] TITLE Manager DATE 3-23-98

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

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

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS <small>(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.)</small>		5. LEASE DESIGNATION AND SERIAL NO. ML-27237	
1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME ---	
2. NAME OF OPERATOR WEXPRO COMPANY		7. UNIT AGREEMENT NAME Patterson	
3. ADDRESS OF OPERATOR P O Box 458, Rock Springs, WY 82902-0458		8. FARM OR LEASE NAME Unit	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface SW SW 700' FSL, 500' FWL		9. WELL NO. 4	
14. PERMIT NO. 43-037-30844		15. ELEVATIONS (Show whether DF, RT, GR, etc.) GR 5403' KB 5409.06'	
		12. COUNTY OR PARISH San Juan	13. STATE UT
		10. FIELD AND POOL, OR WILDCAT Wildcat	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 32-37S-25E	

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"/>	(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.) *

The above captioned well was plugged and abandoned on May 16, 1998 as follows:

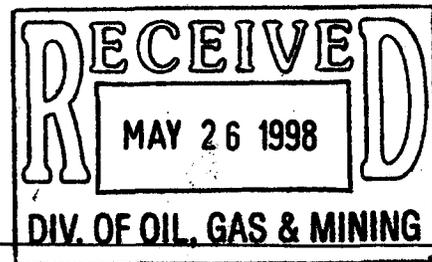
Plug No. 1: Set cement retainer at 5440 feet KBM (perfs from 5597 to 5647') and perforations squeezed with 50 sacks "G" cement. Final pressure was 500 psi. Left 2-1/2 barrels cement atop retainer. Displace hole with 9 ppg poz fluid.

Plug No. 2: Set 25 sacks Class "G" plug from 2810 to 2600 feet KBM.

Plug No. 3: Set 25 sacks Class "G" plug from 120 feet to surface.

Note: Pumped 25 sacks of Class "G" cement down 9-5/8 inch by 5-1/2 inch annulus.

Wellhead was cut off and regulation dry hole marker installed.



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

SIGNED [Signature] TITLE Operations Manager DATE 052298

(This space is for use by the operator)

APPROVED _____ TITLE _____ DATE _____

CONDITION _____

Memo:

43 037 30844

Date: October 30, 1998

To: Gil Hunt
Dan Jarvis

From: Dennis L. Ingram, Reclamation Specialist

Re: Site reclamation on SITLA Lands for the Patterson Canyon Unit#4, located in SW/SW, Sec 32, T37S, R25E. Date of onsite visit was 9/30/98 at 9:00 a.m.

Dogm met with Jerry Ayers and Floyd Patterson of "We Dig It" construction company to discuss dirt work for final reclamation on the Patterson Canyon Unit #4. This well was plugged and abandoned on May 16, 1998 of this year. Normon Uttly with Uttly Construction also telephoned the Roosevelt DOGM Office on October 1, 1998 for information regarding reclamation so they could submit a bid on the dirt work on said well.

This well site has a short access road that begins just southwest of the location and enters same from the south/southeast. The operator cut the location pad from a narrow east/west ridge that slopes to the west. Cut from the east slope was moved south as fill for the access road, west just beyond the old reserve pit area, and north into a steep narrow draw. The west side of this location has had the reserve pit reclaimed and vegetation has grown knee high, back to a natural looking situation.

For reclamation, the operator was asked to close access road and reshape by pulling fill back north onto location. They were also asked to pull all fill from the northwest and north side of location back onto pad and utilize this material to slope and shape cut on east side of lease, making a natural looking ridge that slopes toward the P& A marker. All fill was to be moved from the northern draw to return ridge line to a natural looking state. However, the operator was asked not to remove any fill from below the pit area as reclamation has already occurred. The operator was also to reseed surface with a mix acceptable by SITLA.

Patterson Unit #4 location of TOP VIEW
PTA SW/SW Sec 32, T37S; R35E

Ridge Here

NORTH

UP slope

Draw Bottom

UP slope

FIH

more FILL up
form Ridge

EMERGENCY PIT

Deep Cut

OLD PIT
Reclamation
here, some
fill but
Revegetated

marker

move
fill to north
south
Here!

Ridge
here

Ridge
here

West

access to another
well
close, here & reshape

Some fill here

Prus
UP

South

10/6/98

Dennis Ingram