

STATE OF COLORADO
OIL AND GAS CONSERVATION COMMISSION
DEPARTMENT OF NATURAL RESOURCES



APPLICATION FOR PERMIT TO
DRILL, DEEPEN, OR RE-ENTER & OPERATE

1a. TYPE OF WORK

DRILL DEEPEN RE-ENTER

1b. TYPE OF WELL

X - RECOMPLETE & COMMINGLE

OIL WELL GAS WELL OTHER _____
SINGLE ZONE MULTIPLE ZONE

5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Casey Blue

9. WELL NO.

D #21-13

10. FIELD AND POOL OR WILDCAT

Wattenberg

11. QTR - QTR, SEC, T, R & MERIDIAN

SWSW 21 - T3N - R64W

12. COUNTY

Weld

16. NO. OF ACRES AND/OR DRILLING UNIT ASSIGNED TO THIS WELL

80 laydown S/2 SW/4

19. OBJECTIVE FORMATION

Sussex

2.

OPERATOR: Gerrity Oil & Gas Corporation
ADDRESS: 4100 East Mississippi Ave., #1200
CITY: Denver STATE: CO ZIP: 80222

3. PHONE NO.

(303)
757-1110

4. LOCATION OF WELL (Report clearly & in accordance with State requirements.)

At Surface 660' FSL & 660' FWL Sec. 21
At proposed Prod. Zone same

13. Distance, if less than 200' from any occupied building, public road, above ground utility line or railroad. (SHOW FOOTAGES ON SURVEY PLAT).
-

14. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (nearest drilling line, if any), ft.
660'

15. NO. OF ACRES IN LEASE*
5634.56

17. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, or applied for on this lease, ft.
+1100'

18. PROPOSED DEPTH
7158'

20. ELEVATIONS (Show GR or KB)
4787' GR

21. DRILLING CONTRACTOR
NA PHONE NO. NA

22. APPROX. DATE WORK WILL START
June 1, 1994

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT

24. IS SURFACE OWNER ALSO THE MINERAL OWNER? YES NO

If NOT, surface bond must be on file or copy of surface agreement must be furnished.

If irrigated land, surface bond of \$5000 is required.

Surface bond on file

*DESCRIBE LEASE BY QTR, QTR., SEC., TOWNSHIP., RNG.

Township 3 North, Range 64 West
Section 21: SW/4 and other lands

All Interests are Common

25.

PRINT NAME Thomas W. DeLong/Jr.

SIGNED Thomas W. DeLong Jr. TITLE Senior Engineer DATE 04/14/94

(THIS SPACE FOR FEDERAL OR STATE OFFICE USE)

PERMIT NO. _____ APPROVAL DATE JUL 6 1994 EXPIRATION DATE _____

APPROVED BY [Signature] TITLE: Director, Oil & Gas Conserv. Comm. DATE 7/6/94

CONDITIONS OF APPROVAL, IF ANY:

Wattenberg Special Area Rule 1002 (C)
Requires surface owner notice, not less than 7 days or more than 30 prior to operation.
*unless on irrigated land during growing then it shall be minimum of 14 days.

A.P.I. NUMBER

05-123-16956-1

RECEIVED

APR 27 1994

COLORADO OIL & GAS CONSERVATION COMMISSION

PLEASE FILL IN APPROPRIATE CODES:

OPER. NO. 33870
DRLR. NO. _____
FIELD NO. 90750
LEASE NO. _____
FORM CD. ~~SUSSEX~~ SUSX
407-67

**STATE OF COLORADO
OIL AND GAS CONSERVATION COMMISSION
DEPARTMENT OF NATURAL RESOURCES
SUBMIT ORIGINAL AND 1 COPY**



FOR OFFICE USE			
ET	FE	UC	SE

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> COALBED METHANE <input type="checkbox"/> INJECTION WELL <input type="checkbox"/> OTHER		5. FEDERAL/INDIAN OR STATE LEASE NO.
2. NAME OF OPERATOR Gerrity Oil & Gas Corporation		6. PERMIT NO. 93-425
3. ADDRESS OF OPERATOR 4100 E. Mississippi Ave., #1200		7. API NO. 05-123-16956
CITY Denver	STATE CO	8. WELL NAME Casey Blue
ZIP CODE 80222		9. WELL NUMBER D #21-13
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 14 below.) At surface 660' FSL & 660' FWL Sec. 21 At proposed production zone same		10. FIELD OR WILDCAT Wattenberg
12. COUNTY Weld		11. QTR. QTR. SEC., T.R. AND MERIDIAN SWSW 21-T3N-R64W

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APR 27 1994

Check Appropriate Box To Indicate Nature of Notice, Report or Notification

<p>13A. NOTICE OF INTENTION TO:</p> <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> MULTIPLE COMPLETION <input checked="" type="checkbox"/> COMMINGLE ZONES <input checked="" type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> REPAIR WELL <input type="checkbox"/> OTHER:	<p>13B. SUBSEQUENT REPORT OF:</p> <input type="checkbox"/> FINAL PLUG AND ABANDONMENT SUBMIT 3RD PARTY CEMENT VERIFICATION AND JOB LOG) <input type="checkbox"/> ABANDONED LOCATION (WELL NEVER DRILLED - SITE MUST BE RESTORED WITHIN 6 MONTHS) <input type="checkbox"/> REPAIRED WELL <input type="checkbox"/> OTHER: *Use Form 5 - Well Completion or Recompletion Report and Log for subsequent report of Multiple/Commingle Completions and Recompletions	<p>13C. NOTIFICATION OF:</p> <input type="checkbox"/> SHUT-IN/TEMPORARILY ABANDONES DATE: (REQUIRED EVERY 6 MONTHS) <input type="checkbox"/> PRODUCTION RESUMED DATE: <input type="checkbox"/> LOCATION CHANGE (SUBMIT NEW PLAT) <input type="checkbox"/> WELL NAME CHANGE <input type="checkbox"/> OTHER:
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14. DESCRIBE PROPOSED OR COMPLETED OPERATIONS ON THIS FORM (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)

15. DATE OF WORK

This well was recently completed in the Codell formation. Gerrity Oil & Gas plans to recomplete the well in the Sussex formation and commingle production from both zones.

A sand plug will be placed at approx. 6850' (150' above top Codell Perf.) and the Sussex formation will be perforated at approx. 4380'-4416' and fracture treated. The sand plug will be removed and production will be commingled from both zones.

We anticipate beginning this work within the next 30-60 days.

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

SIGNED *Thomas W. DeLong, Jr.* PHONE NO. **(303) 757-1110**

NAME (PRINT) **Thomas W. DeLong, Jr.** TITLE **Senior Engineer** DATE **04/14/94**

(This space for Federal or State office use)

APPROVED *C.W. Claxton* TITLE *Engg* DATE *7-5-94*

CONDITIONS OF APPROVAL, IF ANY:

See Form 2 FOR C.O.A.

RECEIVED
JUN 30 1994

AFFIDAVIT OF WELLBORE AND SPACING INFORMATION FOR RECOMPLETION PERMIT APPLICATION

WELL NAME: Casey Blue D #21-13 LOCATION: SWSW 21-T3N-R64W

COMPLETED INTERVAL(S): Code11 PROPOSED RECOMPLETION ZONE(S): Sussex

I. WELLBORE INFORMATION AND SUPPORTING DOCUMENTATION:

- 1. DEPTH TO BASE OF DEEPEST AQUIFER: 487' estimate
- 2. SURFACE CASING SETTING DEPTH: 651'
- 3. DOES THE CBL SHOW CEMENT BOND 200' ABOVE AND 200' BELOW THE ZONE TO BE RECOMPLETED? Yes
- 4. WILL THE RECOMPLETED ZONE BE COMMINGLED WITH EXISTING PRODUCING ZONE(S)? Yes
- 5. HAVE YOU INCLUDED THE FOLLOWING SUPPORTING DOCUMENTATION? ORIGINAL APD, RESISTIVITY LOG ACROSS THE SURFACE CASING SHOE, CBL ACROSS RECOMPLETION FORMATION, AND COMPLETION REPORTS. Yes

Note: Resistivity log not run across surface casing shoe. See attached log from well in vicinity.

I, James E. Klutho hereby certify that I have reviewed the well data listed above and that the information submitted is accurate.

James E. Klutho 6/27/94 COLORADO PROFESSIONAL
 SIGNATURE DATE ENGINEER OR CERTIFIED
 PROFESSIONAL GEOLOGIST SEAL
 *25456

II. AFFIDAVIT OF SPACING INFORMATION:

1. WHAT ORDER COVERS THIS RECOMPLETION AND COMMINGLING APPLICATION? 407-67 IF NO ORDER APPLIES, HAVE YOU MET THE 15 DAY NOTICE REQUIREMENT IN RULE 315? _____
2. IS THE RECOMPLETION FORMATION AT A LEGAL LOCATION? Yes
3. ARE THE SETBACKS FROM EXISTING WELLS ADEQUATE? Yes
4. IS DOWNHOLE COMMINGLING APPROVED BY ORDER FOR THIS AREA?
Yes, 407-67
5. IS THE OWNERSHIP COMMON Yes
IF NOT, HAVE ALL PARTIES CONSENTED TO THE ALLOCATION FORMULA? _____
6. FOR THE ORDERS COVERING THIS AREA, HAVE THE PROPER NOTICES BEEN GIVEN? Yes

WATTENBERG SPECIAL AREA RULE 1002 REQUIRES SURFACE OWNER NOTICE, OF NOT LESS THAN 7 DAYS OR MORE THAN 30 DAYS PRIOR TO OPERATIONS, UNLESS ON IRRIGATED LAND DURING GROWING SEASON THEN IT SHALL BE A MINIMUM OF 14 DAYS.

I, Keith M. Crouch hereby certify that I have reviewed the information submitted with this application and that all information submitted is accurate.

Keith M. Crouch Vice President June 27, 1994
 SIGNATURE TITLE K.M. DATE
 (OFFICER PREFERRED)

Subscribed and sworn before me on this 27th day of June, 1994 by
Keith M. Crouch

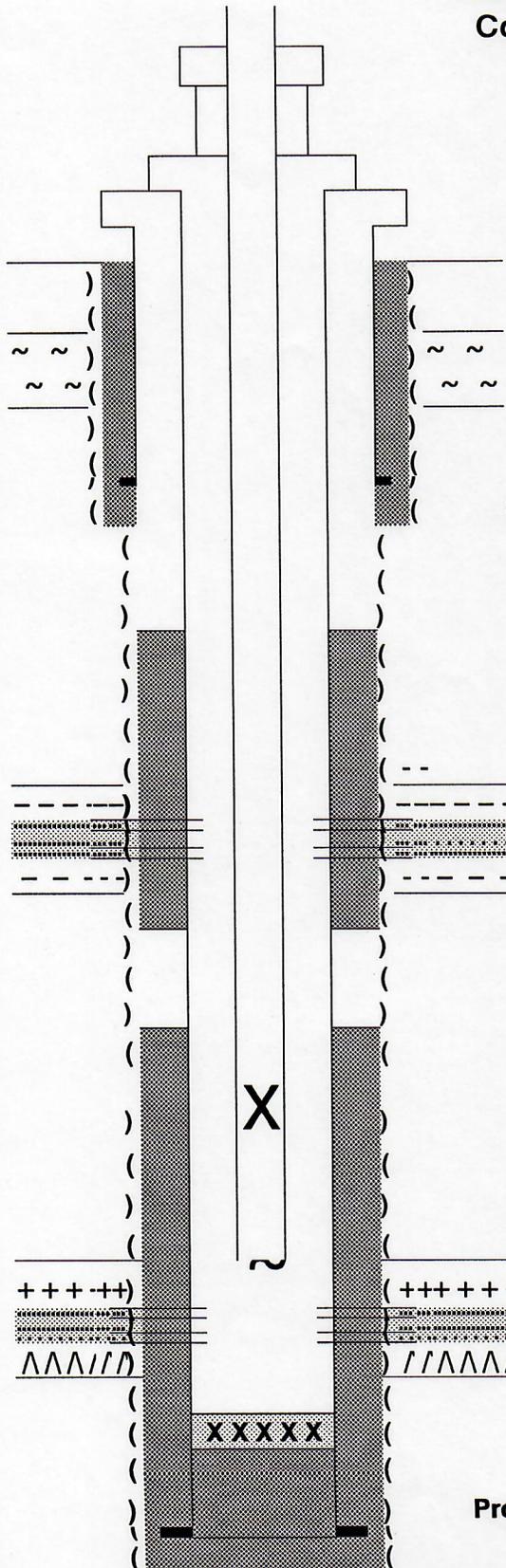
Kathryn Portus
NOTARY PUBLIC

My commission expires: 2/9/97

WELLBORE DIAGRAM FOR COMMINGLED WELLS

Operator: Gerrity Oil & Gas Corporation
Lease Name: Casey Blue
Lease Number: D #21-13
Location: SWSW 21-T3N-R64W
County: Weld
Date: 4/14/94

GR Elevation: 4787'



Surface Casing Size and Depth: 8 5/8" csg. @ 651'

Top of Cement: 3970'

Producing Formation(s): Sussex (Proposed)
Perforations: 4380' - 4416' OA

Top of Cement: 6405'

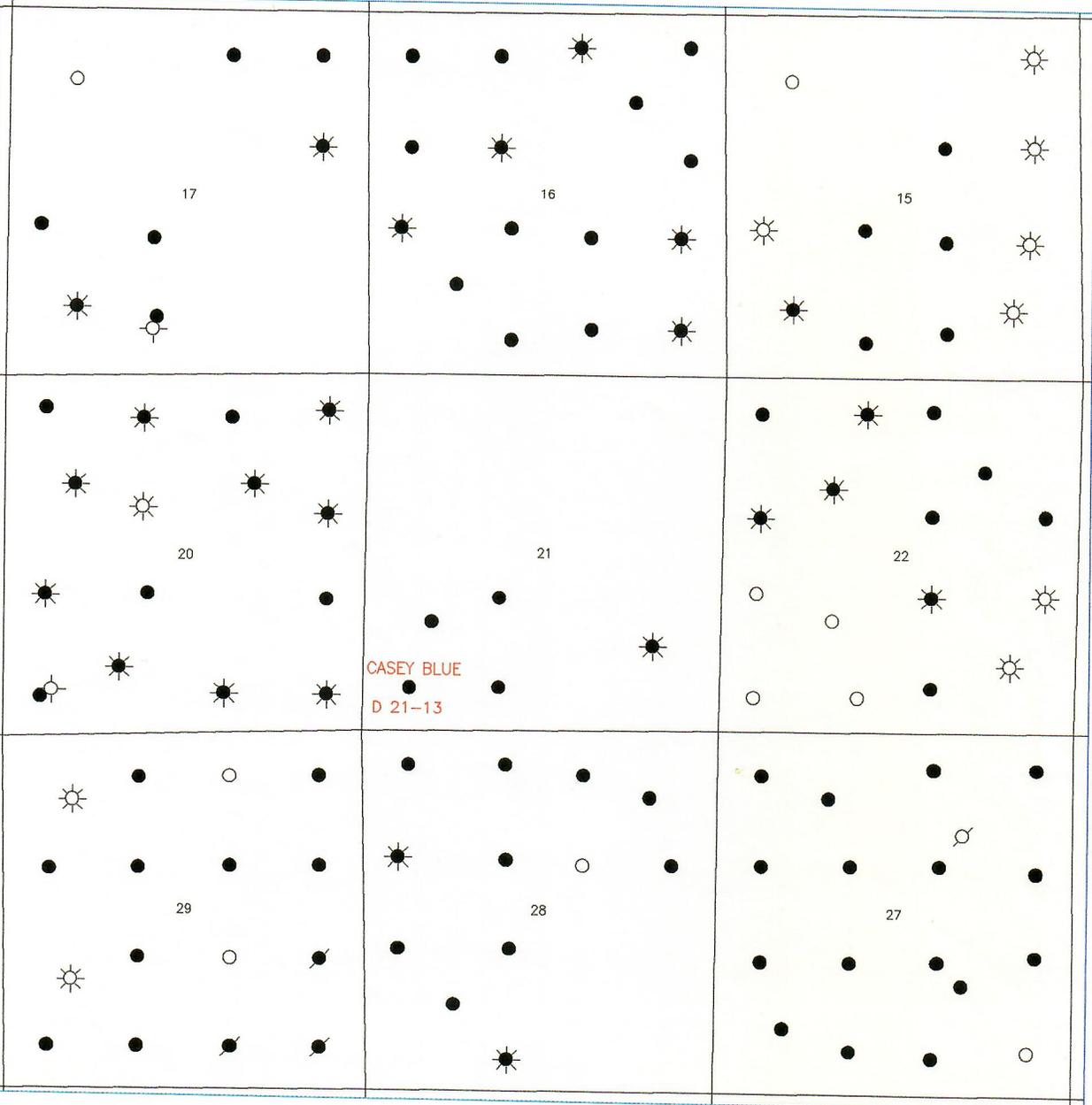
Sand Plug at 6850'

Producing Formation(s): Codell
Perforations: 6999' - 7011' OA

PBTD: 7126'

Production Casing Size and Depth: 3 1/2" csg. @ 7129'

Total Depth: 7158'



Gerrity Oil & Gas Corporation

DJ
CASEY BLUE D 21-13



PAULA PORTER		4/26/94

**STATE OF COLORADO
OIL AND GAS CONSERVATION COMMISSION
DEPARTMENT OF NATURAL RESOURCES**

Submit 1 copy

FOR OFFICE USE			
BT	FE	UC	SE

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1. OPERATOR Gerrity Oil & Gas Corporation		PHONE (303) 757-1110	5. TYPE OF WELL <input checked="" type="checkbox"/> OIL <input type="checkbox"/> GAS <input type="checkbox"/> INJECTION <input type="checkbox"/> OTHER	<input type="checkbox"/> DRY <input type="checkbox"/> COALBED METHANE
ADDRESS 4100 E. Mississippi Ave., #1200		Denver, CO 80222		6. TYPE OF COMPLETION <input checked="" type="checkbox"/> NEW WELL <input type="checkbox"/> RECOMPLETION Date Started:
2. DRILLING CONTRACTOR Caza Drilling Company Rig #1		PHONE (303) 292-1206	7. FEDERAL/INDIAN OR STATE LEASE NO.	

3. LOCATION OF WELL (Footages from section lines) At surface <i>Fill</i> 660' SDL and 660' FWL Sec. 21 At top prod. interval reported below same At total depth same	4. ELEVATIONS 4796.5 KB 4787' GR	8. IF INDIAN, ALLOTTEE OR TRIBE NAME
	9. WELL NAME AND NUMBER Casey Blue D #21-13	10. FIELD OR WILDCAT Wattenberg
	11. QTR. QTR. SEC. T. R. AND MERIDIAN SWSW Sec. 21-T3N-R64W	

12. PERMIT NO. 93-425	13. API NO. 05-123-16956	14. SPUD DATE 5/11/93	15. DATE TD REACHED 5/16/93	16. DATE COMPL. 6/1/93	17. COUNTY Weld	18. STATE CO
19. TOTAL DEPTH 7158' MD TVD		20. PLUG BACK TOTAL DEPTH 7126' MD TVD		21. DEPTH BRIDGE PLUG SET MD TVD		

22. TYPE ELECTRIC & OTHER MECHANICAL LOGS RUN Comp Density, DIL, CBL-CCL-GR	(SUBMIT COPY OF EACH)	23. WAS WELL CORED? <input checked="" type="checkbox"/> YES (Submit Analysis) <input type="checkbox"/> NO	23. WAS DST RUN? <input checked="" type="checkbox"/> YES (Submit Analysis) <input type="checkbox"/> NO
---	-----------------------	---	--

SIZE	WEIGHT (LB/FT)	HOLE SIZE	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	NUMBER OF SACKS & TYPE OF CEMENT	SLURRY VOL (BBL)	TOP OF CEMENT (Specify calc. or CBL)
8 5/8	24#	12 1/4	Surf.	651'	---	450 sx.	Standard	Surf.
3 1/2	7.7#	7 7/8	Surf.	7129'	---	360 sx. + 180 sx.	Standard	TOC @ 6405' and 3970'

25. TUBING RECORD - Please Specify # of Strings:								
SIZE	DEPTH SET(MD)	PACKER DEPTH (MD)	SIZE	DEPTH SET(MD)	PACKER DEPTH (MD)	SIZE	DEPTH SET(MD)	PACKER DEPTH (MD)

26. PRODUCING INTERVALS		27. ATTACH WELLBORE DIAGRAM FOR MULTI-ZONE/COMMINGLED PRODUCTION (RULE 322)					
FORMATION	TOP	BOTTOM	GROSS PERFORATED INTERVAL	SIZE	NO. HOLES	PERF STATUS (open, squeezed)	
A Codell	6997'	7014'	6999' to 7011'	.32	48	Open	
B)							
C							
D							

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
6999' to 7011'	59,346 gals. Terra Frac with 153,000# 20/40 sand.

29. PRODUCTION - INTERVAL A									
DATE FIRST PRODUCED	TEST DATE	HOURS TESTED	TEST PRODUCTION	OIL BBL	GAS MCF	WATER BBL	OIL GRAVITY CORR. API	GAS DISPOSITION	PRODUCTION METHOD
6/1/93	6/7/93	24	→	10	42	3		Sold	Flowing
CHOKE SIZE	FLOW. TUBING PRESSURE	CASING PRESSURE	24 HR. RATE	OIL BBL	GAS MCF	WATER BBL	GAS:OIL RATIO	ZONE STATUS: (PRODUCING, SHUT-IN, PLUGGED, ETC.)	
16/64		700	→	10	42	3	4200	Producing	

PRODUCTION - INTERVAL B									
DATE FIRST PRODUCED	TEST DATE	HOURS TESTED	TEST PRODUCTION	OIL BBL	GAS MCF	WATER BBL	OIL GRAVITY CORR. API	GAS DISPOSITION	PRODUCTION METHOD
			→						
CHOKE SIZE	FLOW. TUBING PRESSURE	CASING PRESSURE	24 HR. RATE	OIL BBL	GAS MCF	WATER BBL	GAS:OIL RATIO	ZONE STATUS: (PRODUCING, SHUT-IN, PLUGGED, ETC.)	
			→						

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APR 27 1994

PRODUCTION - INTERVAL C

DATE FIRST PRODUCED	TEST DATE	HOURS TESTED	TEST PRODUCTION	OIL BBL	GAS MCF	WATER BBL	OIL GRAVITY CORR. API	GAS DISPOSITION	PRODUCTION METHOD
			→						
CHOKE SIZE	FLOW. TUBING PRESSURE	CASING PRESSURE	24 HR. RATE	OIL BBL	GAS MCF	WATER BBL	GAS:OIL RATIO	ZONE STATUS: (PRODUCING, SHUT-IN, PLUGGED, ETC.)	
			→						

PRODUCTION - INTERVAL D

DATE FIRST PRODUCED	TEST DATE	HOURS TESTED	TEST PRODUCTION	OIL BBL	GAS MCF	WATER BBL	OIL GRAVITY CORR. API	GAS DISPOSITION	PRODUCTION METHOD
			→						
CHOKE SIZE	FLOW. TUBING PRESSURE	CASING PRESSURE	24 HR. RATE	OIL BBL	GAS MCF	WATER BBL	GAS:OIL RATIO	ZONE STATUS: (PRODUCING, SHUT-IN, PLUGGED, ETC.)	
			→						

30. PLEASE ATTACH AN 8.5" X 11" BASIC SKETCH SHOWING ALL SURFACE EQUIPMENT ASSOCIATED WITH PRODUCTION, FLUID SEPARATION, FLUID STORAGE, AND GAS MEASUREMENT FOR THE WELL. SHOW APPROXIMATE DISTANCES OF EQUIPMENT FROM WELLBORE. INCLUDE WATER DISPOSAL PITS IF APPLICABLE. OUTLINE UNDERGROUND FLOWLINES AND LIST ANY OTHER WELLS SHARING THE SURFACE EQUIPMENT.

31. SUMMARY OF POROUS ZONES (INCLUDE AQUIFERS):

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF. CORED INTERVALS AND ALL DRILLSTEM TESTS, INCLUDING DEPTH INTERVAL TEST, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES AND RECOVERIES.

32. FORMATION (LOG) MARKERS

Casey Blue D #21-13

Page 2

FORMATION	TOP	BOTTOM	DESCRIPTIONS, CONTENTS, ETC.	NAME	TOP
					MEAS. DEPTH
				Sussex	4279'
				Niobrara	6728'
				Codell	6997'

33. ADDITIONAL REMARKS (INCLUDE PLUGGING PROCEDURE & ATTACH CEMENT VERIFICATION):

34. CIRCLE ENCLOSED ATTACHMENTS:

- | | | |
|---------------------------------|------------------------------|---|
| 1. MECHANICAL LOGS (1 full set) | 3. WELLBORE SKETCH (See #27) | 6. SUNDRY NOTICE FOR PLUGGING & CEMENT VERIFICATION |
| 2. GEOLOGIC REPORT | 4. DST REPORT | 7. CORE ANALYSIS |
| | 5. DIRECTIONAL SURVEY | 8. OTHER: |

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

SIGNED:

Greg Wilcox

PRINT NAME: Greg Wilcox

TITLE: Operations Engineer

DATE: 9/30/93

STATE OF COLORADO
OIL AND GAS CONSERVATION COMMISSION
DEPARTMENT OF NATURAL RESOURCES

RECEIVED
OCT 4 - 1993
REGISTRATION DIVISION

CERTIFICATION OF CLEARANCE AND/OR CHANGE OF OPERATOR

(Please submit original & 3 copies per well)

				FOR OFFICE USE ONLY			
ET		FE		UC		SE	
OGCC LEASE NO. 54871	LEASE NAME Casey Blue D	WELL NO. #21-13	API NO. 05-123-16956				
FIELD NAME Wattenberg	FIELD NO. 90750	COUNTY Weld	LOCATION (CO, SEC, TWP, RNG) SWSW Sec. 21-T3N-R64W				
OPERATOR NAME Gerrity Oil & Gas Corporation			OGCC OPR. NO. 33870	AREA CODE / PHONE NUMBER (303) 757-1110			
OPERATOR ADDRESS 4100 E. Mississippi Ave., #1200			**PREVIOUS OPERATOR				
CITY Denver	STATE CO	ZIP CODE 80222	EFFECTIVE CHANGE DATE		NEW OPERATOR BOND STATUS <input type="checkbox"/> Blanket <input type="checkbox"/> Single <input type="checkbox"/> Rider		

*Complete only if this well is part of a previously producing lease.

**Complete only if change of operator or change of company name.

PRODUCING FORMATION(S)
(A separate FORM 10 must be submitted for each producing formation of a Multiple Completion.)
FORMATION(S): **Codell**

CURRENT WELL STATUS: **Producing**

DATE SHUT IN OR PRODUCTION RESUMED

TYPE OF COMPLETION
(More than one may apply.)

NEW COMPLETION COMINGLED COMPLETION
 RECOMPLETION MULTIPLE COMPLETION

New Well Test Data on 24 hr. Basis; Test Date: **6/7/93**

Bbls Oil **10** MCF Gas **42** Bbls. Water **3**

OIL TRANSPORTER (First Purchaser)

NAME: **Attco** OGCC NO. **04681**

ADDRESS: **P.O. Box 5493**

CITY: **Denver** STATE: **CO** ZIP CODE: **80217**

AREA CODE / PHONE NO. **303-595-3331** DATE OF FIRST PRODUCTION **6/1/93**

GAS GATHERER (First Purchaser)

NAME: **Associated Natural Gas, Inc.** OGCC NO. **04680**

ADDRESS: **370 Seventeenth Street, #900**

CITY: **Denver** STATE: **CO** ZIP CODE: **80202**

AREA CODE / PHONE NO. **303-595-3331** DATE OF FIRST SALES **6/1/93**

ROYALTY OWNER

STATE FEDERAL
 INDIAN FEE

State, Federal or Indian Lease #:

TOTAL ACRES IN LEASE **5,634.56** ACRES ASSIGNED TO WELL **80** STANDUP LAYDOWN

METHOD OF WATER DISPOSAL

FACILITY NUMBER _____

CENTRAL PIT COMMERCIAL PIT
 ON-SITE PIT INJECTION WELL
 N/A

Remarks: This well produces into a common tank battery along with the following: **Casey Blue D #21-11, #21-13, #21-14 and #21-3J.**

The undersigned certifies that the rules and regulations of the Oil and Gas Conservation Commission of the State of Colorado have been complied with except as noted above and that the transporter(s) is (are) authorized to transport the oil and/or gas produced from the above described well and that this authorization will be valid until further notice to the transporter named herein or until cancelled by the Colorado Oil and Gas Conservation Commission.

NAME: **Paula K. Porter** TITLE: **Drilling Technician** DATE: **9/30/93**

SIGNED: *Paula K Porter*

(THIS SPACE FOR STATE OFFICE USE ONLY)

APPROVED BY: *Susan McCann* TITLE: **DIRECTOR**
O & G Cons. Comm. DATE: **NOV 18 1993**

VIOLATION
Rule(s): **310**

STATE OF COLORADO
OIL AND GAS CONSERVATION COMMISSION
DEPARTMENT OF NATURAL RESOURCES

APPLICATION FOR PERMIT TO
DRILL, DEEPEN, OR RE-ENTER & OPERATE

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> RE-ENTER <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. Casey Blue		
1b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER? <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME		
2. OPERATOR: Gerrity Oil & Gas Corporation ADDRESS: 4100 E. Mississippi Ave., #1200 CITY: Denver STATE: CO ZIP: 80222			3. PHONE NO. (303) 757-1110		
4. LOCATION OF WELL (Report clearly & in accordance with State requirements.) At Surface 660' FSL, 660' FWL At proposed Prod. Zone same			7. UNIT AGREEMENT NAME		
13. Distance, if less than 200' from any occupied building, public road, above ground utility line or railroad. (SHOW FOOTAGES ON SURVEY PLAT). -			8. FARM OR LEASE NAME		
14. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (nearest drilling line, if any), ft. 1980'		15. NO. OF ACRES IN LEASE* 5634.56		9. WELL NO. D 21-13	
17. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL DRILLING, COMPLETED, or applied for on this lease, ft. Approx. 1100'		18. PROPOSED DEPTH 7200'		10. FIELD AND POOL OR WILDCAT Wattenberg	
20. ELEVATIONS (Show GR or KB) 4787' GR		21. DRILLING CONTRACTOR NA		11. QTR-QTR, SEC, T, R & MERIDIAN SWSW Sec 21 T3N-R64W	
22. APPROX. DATE WORK WILL START 04/21/93		12. COUNTY WELD			
16. NO. OF ACRES AND/OR DRILLING UNIT ASSIGNED TO THIS WELL 80 laydown 5/2 SW		19. OBJECTIVE FORMATION Codell			

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24#	640	300 sx regular
7-7/8"	3-1/2"	7.7-6.5#	7200'	350 sx. premium

24. IS SURFACE OWNER ALSO THE MINERAL OWNER? YES NO
If NOT, surface bond must be on file or copy of surface agreement must be furnished.

If irrigated land, surface bond of \$5000 is required.

Surface bond on file

*DESCRIBE LEASE BY QTR, QTR., SEC., TWSHP., RNG.

Township 3 South, Range 64 West
Section 21: W/2, SE/4 & Other lands

PLEASE FILL IN APPROPRIATE CODES:

OPER. NO. 33870
DRLR. NO.
FIELD NO. 90750
LEASE NO.
FORM CD. CODL

25.

PRINT NAME Greg Wilcox

SIGNED Greg Wilcox TITLE Operations Engineer DATE 04/02/93

(THIS SPACE FOR FEDERAL OR STATE OFFICE USE)

PERMIT NO. 93-425 APPROVAL DATE APR 16 1993 EXPIRATION DATE JUL 14 1993

APPROVED BY Susan McCannon TITLE: Director, Oil & Gas Conserv. Comm. DATE 4-16-93

CONDITIONS OF APPROVAL, IF ANY:

PROVIDE ZONAL ISOLATION OF Sussex ACCORDING TO RULE 317j. VERIFY BY RUNNING & SUBMITTING CEMENT BOND LOG.

A.P.I. NUMBER
05 123 16956

COMPLY WITH ORDER A-1-3

SEC 20 T3N R64W NWSE

FREEDOM

DUNCAN #D-10

KB: 4790

50

AMP. GUARD
OHM-M

0 10

300

400

500

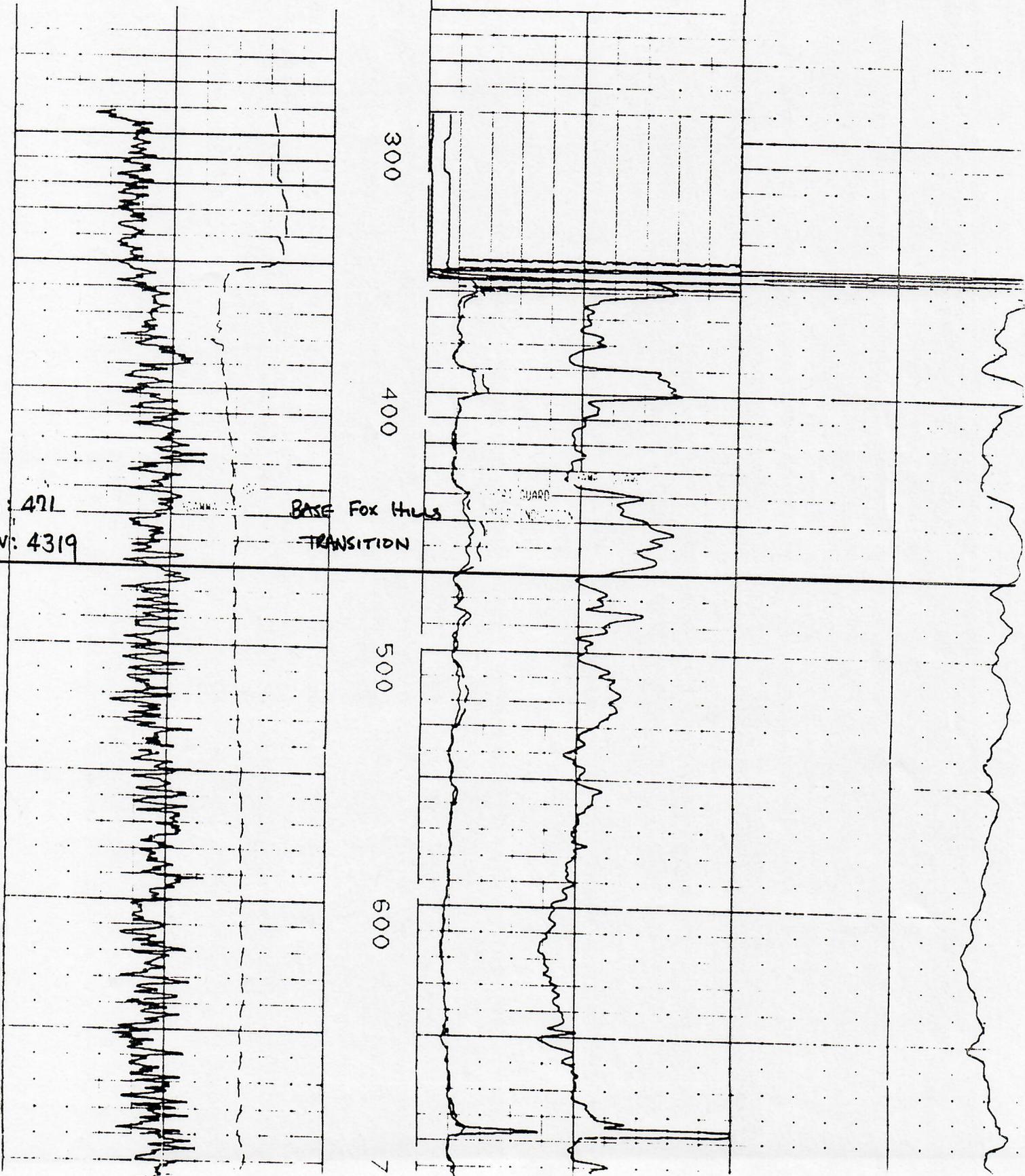
600

7

MD: 471
ELEV: 4319

BASE Fox Hills
TRANSITION

AMP. GUARD
OHM-M



A D Wireline Services

CEMENT BOND LOG
GAMMA RAY CCL

FILING NO. _____

COMPANY ENERGY OIL & GAS CORP.

WELL CASEY BLUE D 21-13

FIELD WATTENBERG

COUNTY DAKOTA STATE COLORADO

LOCATION S&W SW OTHER SERVICES: _____

SEC 21 TWP 34 RGE 64W

PERMANENT DATUM 6.L. ELEV _____

LOG MEASURED FROM K.B. FT ABOVE PERM DATUM _____

DRILLING MEASURED FROM K.B. ELEV _____

Date 5-14-1943

Run No. ONE

Type Log CBL-6/K-CCL

Depth-Driller 1147

Depth-Logger 7115

Bottom logged interval 7108

Top logged interval 3820

Type fluid in hole WATER

Max rec. temp. deg F _____

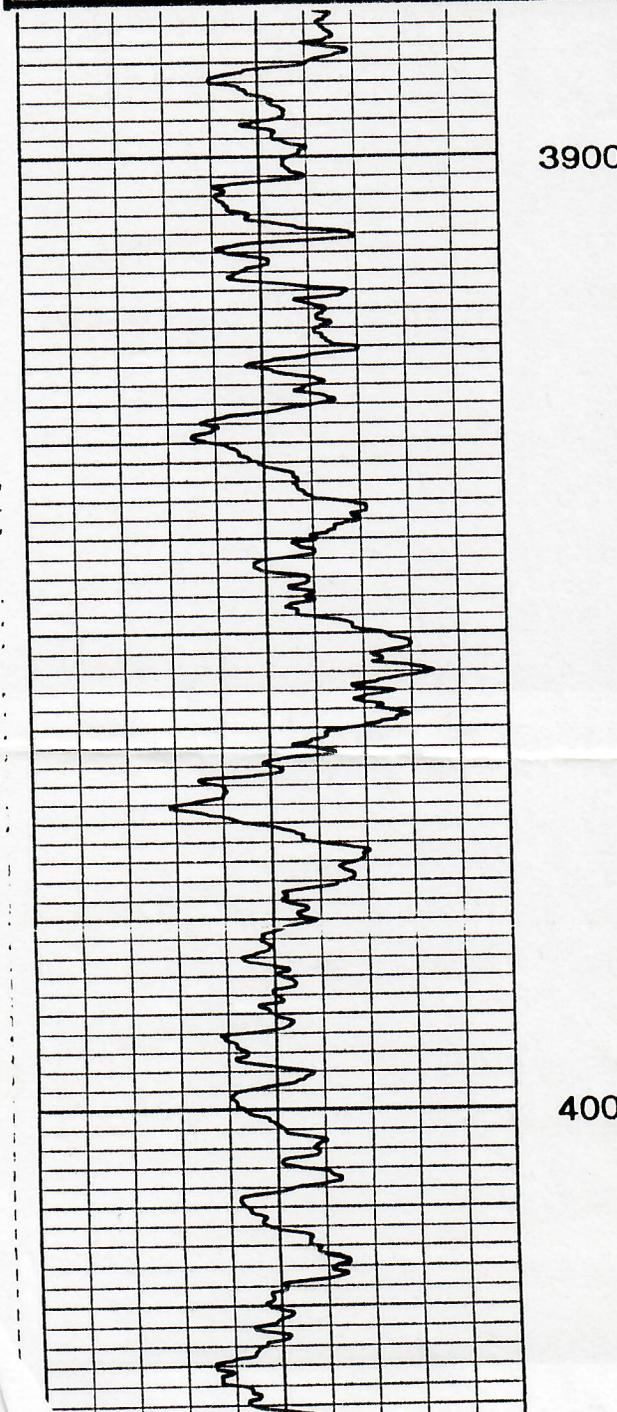
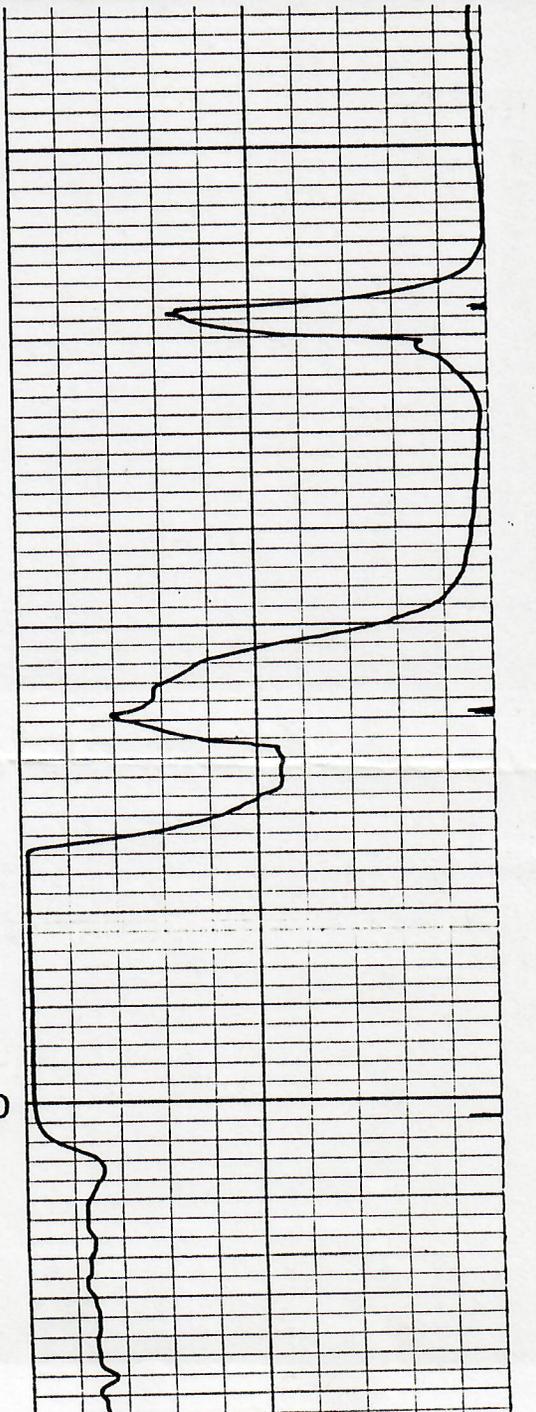
Operating rig time PORT. MAST

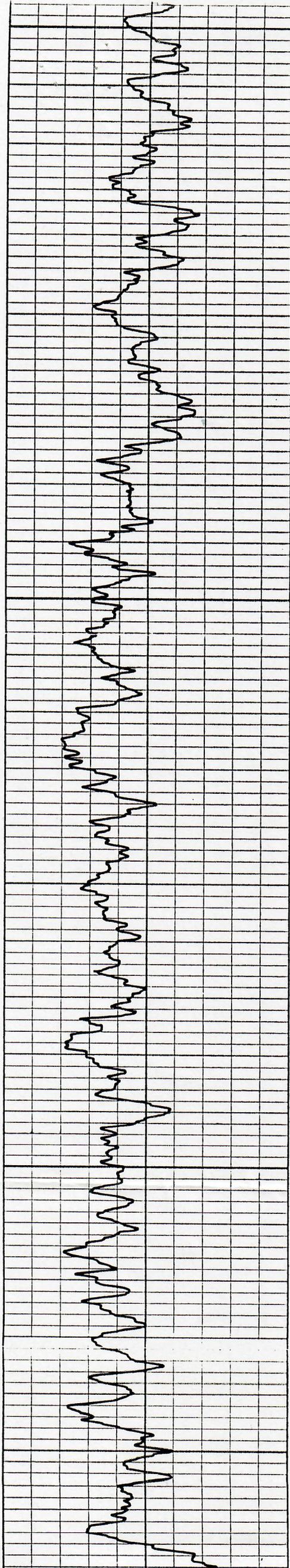
Recorded by G. W. ACE

Witnessed by M. H. POOPY

Bore-Hole Record				Tubing Record			
Run No.	Bit	From	To	Size	Wgt.	From	To
2	7 3/8	651	7147				

Casing Record				Liner			
Size	Wgt.	From	To	Size	Wgt.	From	To
8 5/8	24	SURF.	651				
3 1/2	7.7	SURF.	714				

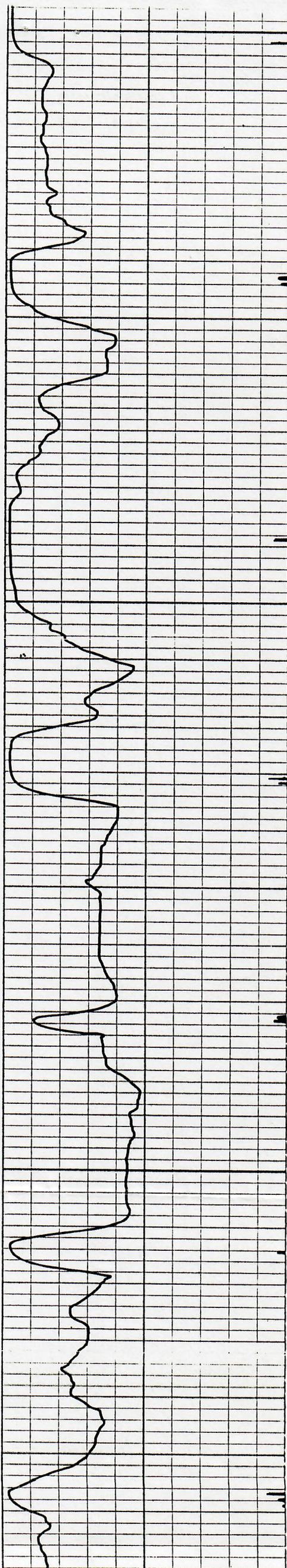


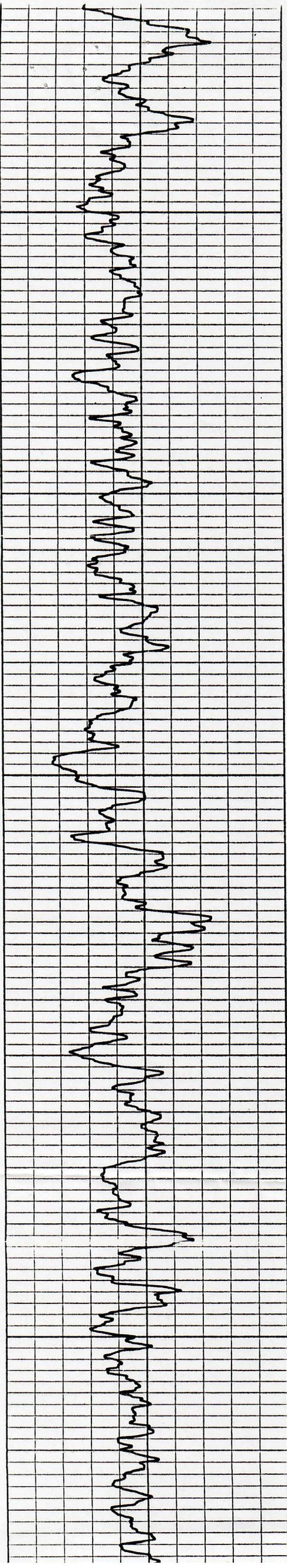


4000

4100

4200

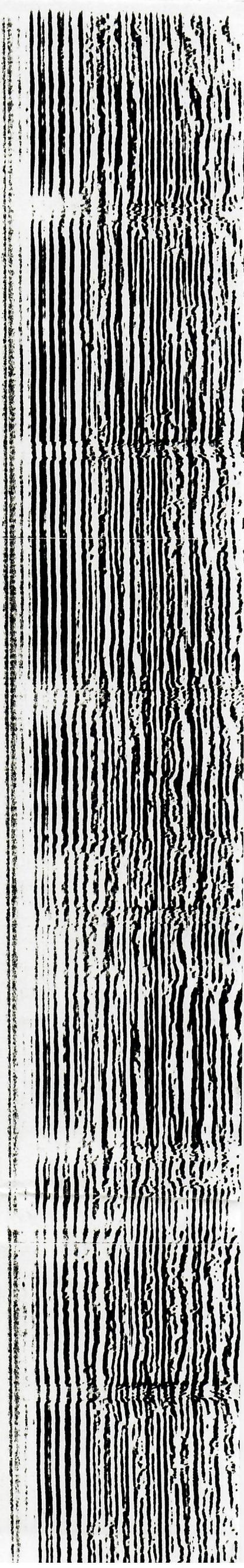
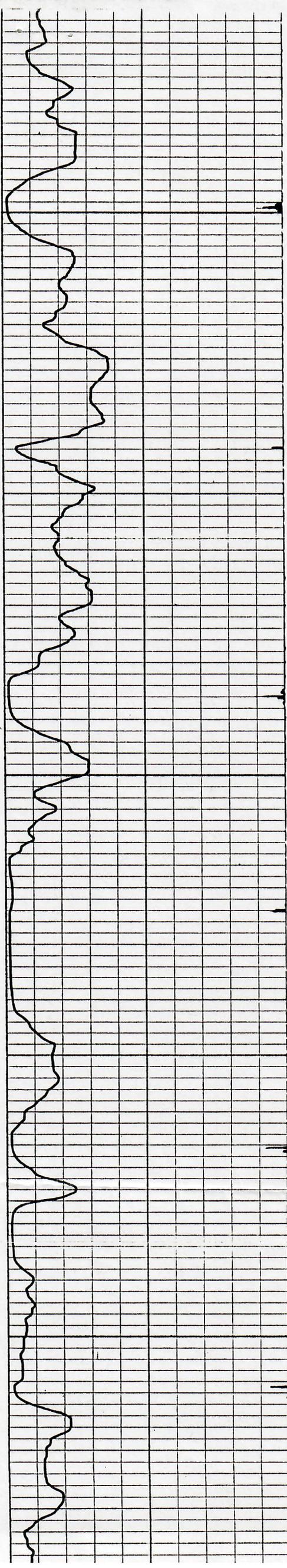


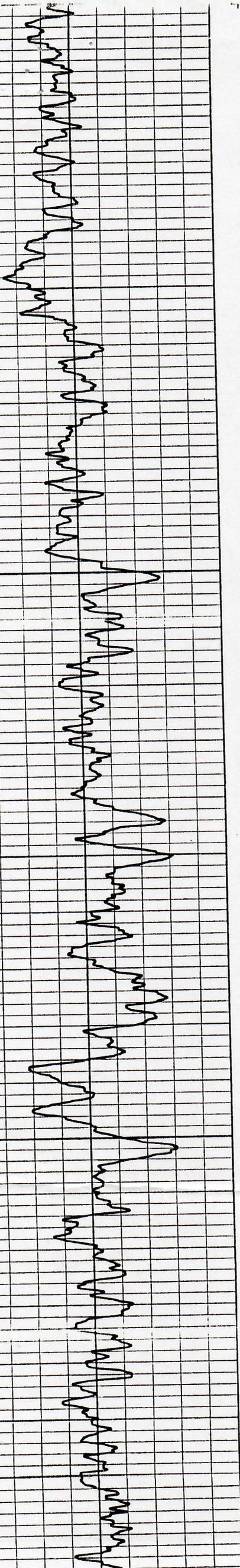


4300

4400

4500





4600

4700

