

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

SUBMIT IN DUPLICATE*
(Other instructions on reverse side)

5. Lease Designation and Serial No.
Fee
6. If Indian, Allottee or Tribe Name

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

7. Unit Agreement Name
Anschutz Ranch East
8. Farm or Lease Name
Champlin 458 "I"

2. Name of Operator
Amoco Production Company
3. Address of Operator
P.O. Box 829, Evanston, Wyoming 82930

9. Well No.
1

4. Location of Well (Report location clearly and in accordance with any State requirements.*)
At surface
1323.6' FNL & 1329.9' FEL SEC. 29, T4N, R8E
At proposed prod. zone
BHL 330' FNL & 330' FEL SEC. 29, T4N, R8E

10. Field and Pool, or Wildcat
Anschutz Ranch East
11. Sec., T., R., M., or Blk. and Survey or Area
Sec. 29, T4N, R8E

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

12. County or Parrish 13. State
Summit County Utah

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any)
16. No. of acres in lease
17. No. of acres assigned to this well
18. Distance from proposed location* to nearest well, drilling, completed, or applied for, on this lease, ft.
19. Proposed depth
15,500' *Nugget*
20. Rotary or cable tools
Rotary

21. Elevations (Show whether DF, RT, GR, etc.)
7550' GR
22. Approx. date work will start*

23. PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
26"	20"	94	100-200	cmt to surface
17 1/2"	13 3/8"	61	3000'	cmt to surface
12 1/4"	9 5/8" - 10 5/8"	47-101	10,700'	TD to 9300
8 1/2"	7"	29	15,500'	TD to 9300

RECEIVED

Amoco proposes to test/develop Jurassic, Nugget

JUL 3 1984

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

DIVISION OF OIL GAS & MINING

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

24. Signed AB Blewins Title District Drilling Engineer Date 06/29/84

(This space for Federal or State office use)

Permit No. Approval Date

Approved by Title Date

Conditions of approval, if any:

*See Instructions On Reverse Side

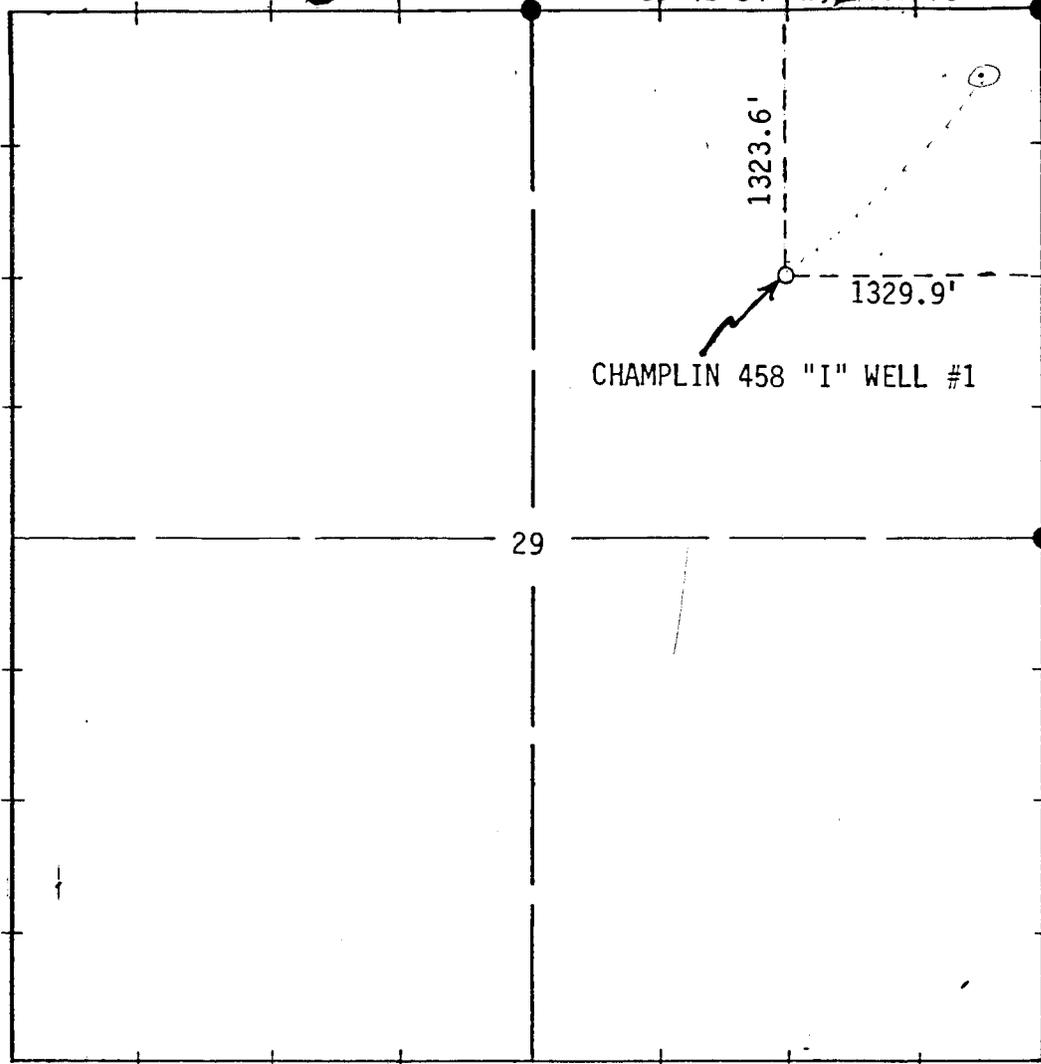
NW Corner

T 4 N

R 8 E

NE Corner

N 89°41'54" W, 659.70'



SW Corner

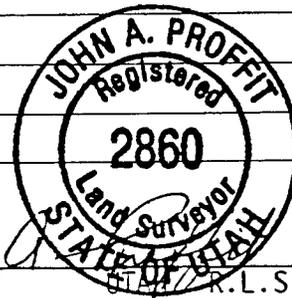
SE Corner

SCALE: 1" = 1000'

- Found Brass Cap
- Found Stone
- ⊙ Set Alum. Cap
- ⊗ Found Stone - Set Alum. Cap
- Hub and Tack
- △ Proportioned Corner

I, John A. Proffit of Evanston, Wyoming certify that in accordance with a request from Jon Jensen of Evanston, Wyoming for Amoco Production Company made a survey on the 30th day of April, 1984 for Location and Elevation of the Champlin 458 "I" Well #1 as shown on the above map, the wellsite is in the NW¼ of Section 29, Township 4N, Range 8E of the Salt Lake Base & Meridian, Summit County, State of Utah, Elevation is 7529 Feet Top of Hub Datum N.G.V.D. Based on Three-Dimensional Traverse Tied to U.S.G.S. & U.S.C.&G.S. Bench Marks

Reference point _____
 Reference point _____
 Reference point _____
 Reference point _____



John A. Proffit
 JOHN A. PROFFIT
 STATE OF UTAH
 6/27/84
 R.L.S. NO. 641

BOOK: 352
 DATE: 6/27/84
 JOB NO.: 84-10-21

UINTA ENGINEERING & SURVEYING, INC.
 808 MAIN STREET, EVANSTON, WYOMING

10-Point Drilling Program

Champlin 458 "I" #1

- 1) Geologic name of the surface formation: Tertiary
- 2) Estimated tops of geological markers:

<u>Formation</u>	<u>Depth</u>
Tertiary Base	2,600'
Gannet	3,500'
Preuss	8,100'
Salt	9,800'
Twin Creek	10,650'
Nugget*	14,350'
Total Depth	15,500'

- 3) Anticipated depths to encounter water, oil, gas or other mineral-bearing formations:

<u>Substances</u>	<u>Depth</u>
Oil, Gas, Water	14,350'

- 4) Casing Program:

<u>Hole Size</u>	<u>Casing</u>	<u>Wt/Ft</u>	<u>Grade</u>	<u>Threads</u>	<u>Cementing Depth</u>
26"	20"	94	K55	STC	100-200'
17 1/2"	13 3/8"	61	K55	STC	3000'
12 1/4"	9 5/8-10 5/8	47-101	N80xP110	LTC	10700'
8 1/2"	7"	29	N80	BTCxLTC	15500'

- 5) Operators minimum specifications for pressure control equipment are explained on the attached schematic diagram. After running surface casing and prior to drilling out, the BOP and other pressure equipment will be tested to the full working pressure rating as shown on the attached diagram. BOPs will be tested every 30-day interval and after every string of casing is run. Thereafter, the BOP will be checked daily for mechanical operations only and will be noted on the IADC Daily Drilling Report.

13 3/8" casing will be cemented from setting depth to surface.

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DIVISION OF OIL
GAS & MINING

6) Mud Program:

<u>Interval</u>	<u>Type Mud</u>	<u>Wt #/gal</u>	<u>Viscosity</u>	<u>WL CC/30M</u>
0-3000'	Spud Mud	Minimum	Properties to Maintain a Stable Wellbore	
3000'-9800'	Oil Mud	7.8 - 7.9	30 - 35	NC
9800'-10700'	Weighted Oil Mud	*	45 - 50	0 - 3
10700'-TD	Oil Mud	7.8 - 8.0	30 - 35	10 - 15

7) Auxiliary Equipment:

Kelly cock, sub with full opening valve 3" choke manifold with remote control choke; monitor system on pit level, audio and visual; mudlogger (2-man type) w/ chromatograph

8) Testing Program:

DST to be run in Nugget zone

Logging Program:

DLL-GR	BSC-TD
SONIC-GR	200'-TD
FDC-CNL-GR	BSC-TD
HDT DIPMETER	BSC-TD*
VELOCITY CK. SHOT SURVEY	SFC-TD

Coring Program:

60' Rotary Core at top of Nugget, Core Point to be picked by Amoco Geologist

9) No abnormal pressures or temperatures are anticipated.

10) Anticipated starting date will be when approved and the duration of drilling operations will be approximately 180 days.

70'

150'

TYPICAL LOCATION/RIG LAYOUT

SCALE 1"=40'

200'

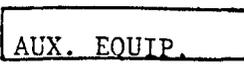
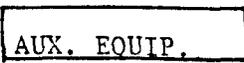
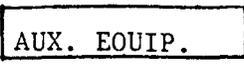
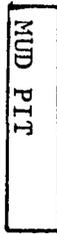
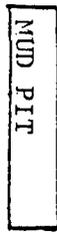
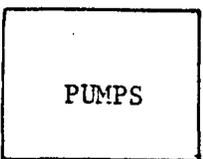
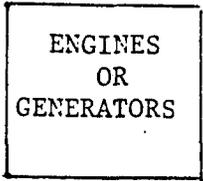
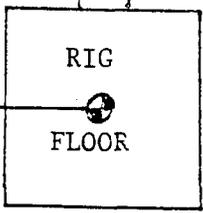
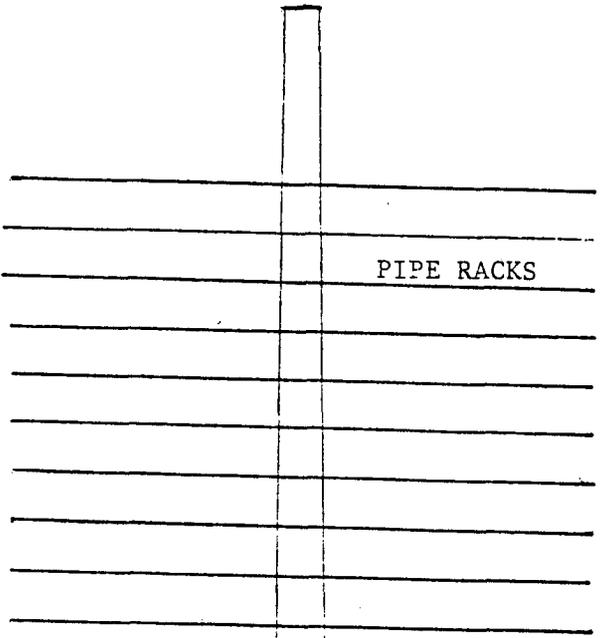
200'

TRAILER

TRAILER

TRAILER

TRAILER



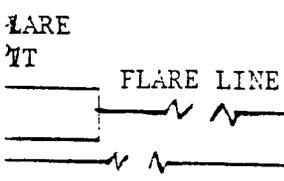
PARKING/STORAGE AREA

RECEIVED

JUL 3 1984

DIVISION OF OIL
GAS & MINING

TRASH/BURN PIT



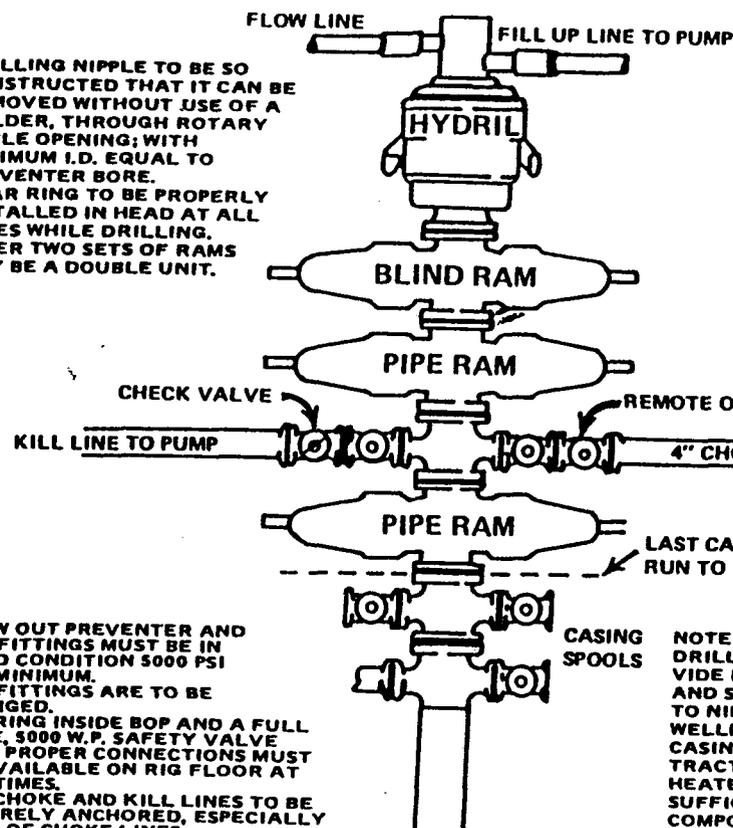
RESERVE PIT
(Sized for well)



MINIMUM BLOW-OUT PREVENTER REQUIREMENTS 5,000 psi W.P.

NOTE:

1. DRILLING NIPPLE TO BE SO CONSTRUCTED THAT IT CAN BE REMOVED WITHOUT USE OF A WELDER, THROUGH ROTARY TABLE OPENING; WITH MINIMUM I.D. EQUAL TO PREVENTER BORE.
2. WEAR RING TO BE PROPERLY INSTALLED IN HEAD AT ALL TIMES WHILE DRILLING.
3. UPPER TWO SETS OF RAMS MAY BE A DOUBLE UNIT.



NOTE:
FOR ALL AMOCO LOCATIONS, BOP STACK, CHOKE MANIFOLD, ALL PIPING AND VALVES MUST MEET REQUIREMENTS FOR SOUR GAS SERVICE AND MUST TEST TO ROCKWELL HARDNESS OF 22 OR LESS. REFER TO ENGINEERING SPECIFICATIONS S-17-B AND S-28-A OR NACE STANDARD MR-01-75.

NOTE:

1. BLOW OUT PREVENTER AND ALL FITTINGS MUST BE IN GOOD CONDITION 5000 PSI W.P. MINIMUM.
2. ALL FITTINGS ARE TO BE FLANGED.
3. A STRING INSIDE BOP AND A FULL BORE, 5000 W.P. SAFETY VALVE WITH PROPER CONNECTIONS MUST BE AVAILABLE ON RIG FLOOR AT ALL TIMES.
4. ALL CHOKE AND KILL LINES TO BE SECURELY ANCHORED, ESPECIALLY ENDS OF CHOKE LINES.
5. KILL LINE MUST BE CONNECTED AT ALL TIMES.
6. EQUIPMENT THROUGH WHICH BIT MUST PASS SHALL BE AS LARGE AS INSIDE DIAMETER OF THE CASING BEING DRILLED THROUGH.
7. MUST HAVE KELLY COCK ON KELLY.
8. EXTENSION WRENCHES AND HAND WHEELS TO BE PROPERLY INSTALLED AND BRACED AT ALL TIMES.
9. RIG FLOOR BLOW-OUT PREVENTER CONTROL TO BE LOCATED AS CLOSE TO DRILLER'S POSITION AS FEASIBLE.
10. BLOW-OUT PREVENTER CLOSING EQUIPMENT TO INCLUDE ENOUGH CAPACITY TO OPERATE BOP'S OPEN/CLOSE TWICE, TWO INDEPENDENT SOURCES OF PUMP POWER ON EACH CLOSING UNIT INSTALLATION.
11. EXTEND KILL LINE 150' FROM WELLBORE FOR AUXILIARY HOOKUP CAPABILITY.
12. NO COLLECTOR BOTTLES, SURGE TANKS OR BUFFER CHAMBERS DOWNSTREAM OF THE CHOKE MANIFOLD.
13. THE CHOKE LINE FROM THE STACK TO THE MANIFOLD MUST BE STRAIGHT.
14. IF A FLEXIBLE HOSE IS TO BE USED AS A CHOKE LINE, IT MUST BE APPROVED BY AMOCO PRIOR TO RIGGING UP.

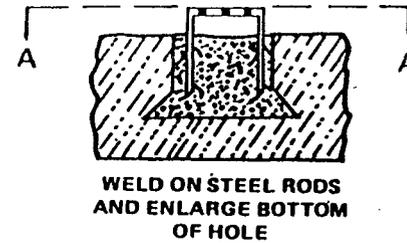
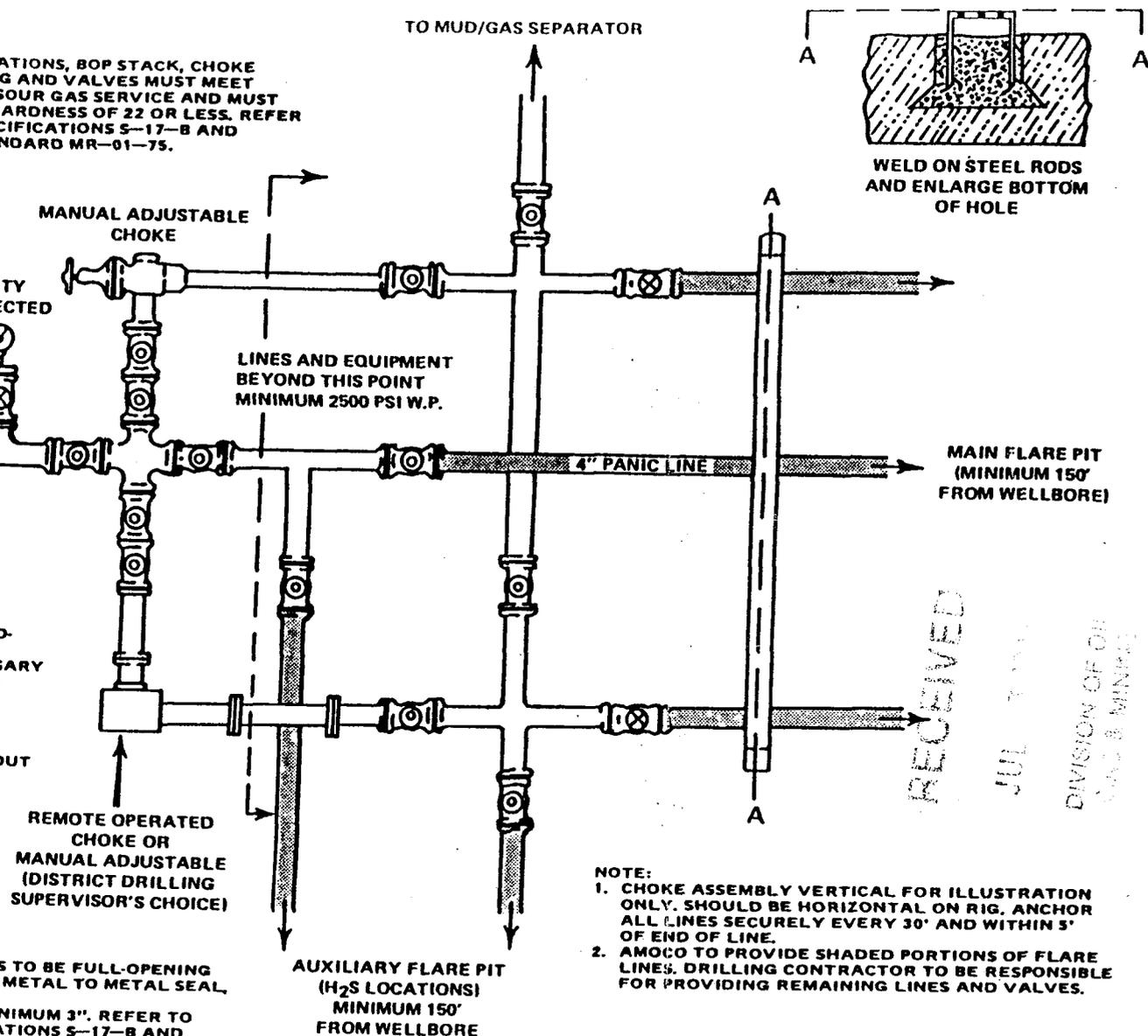
NOTE:

DRILLING CONTRACTOR TO PROVIDE DOUBLE STUD ADAPTERS AND SPACER SPOOLS AS NECESSARY TO NIPPLE UP STACK TO AMOCO WELLHEAD (BRADEN HEAD OR CASING SPOOL). DRILLING CONTRACTOR ALSO TO PROVIDE HEATED CHOKE HOUSE WITH SUFFICIENT AREA TO CHANGE OUT COMPONENTS EASILY.

NOTE:

1. ALL UNMARKED VALVES TO BE FULL-OPENING GATE OR PLUG VALVES, METAL TO METAL SEAL, 5000 PSI W.P.
2. ALL UNMARKED PIPE MINIMUM 3". REFER TO ENGINEERING SPECIFICATIONS S-17-B AND S-28-A AND NACE STANDARD MR-01-75 FOR APPROVED GRADES.
3. ALL WELDS MUST BE HEAT TREATED ACCORDING TO ENGINEERING SPECIFICATION S-28-A OR NACE STANDARD MR-01-75.

TO MUD/GAS SEPARATOR



MAIN FLARE PIT (MINIMUM 150' FROM WELLBORE)

AUXILIARY FLARE PIT (H₂S LOCATIONS) MINIMUM 150' FROM WELLBORE

NOTE:

1. CHOKE ASSEMBLY VERTICAL FOR ILLUSTRATION ONLY. SHOULD BE HORIZONTAL ON RIG. ANCHOR ALL LINES SECURELY EVERY 30' AND WITHIN 5' OF END OF LINE.
2. AMOCO TO PROVIDE SHADED PORTIONS OF FLARE LINES. DRILLING CONTRACTOR TO BE RESPONSIBLE FOR PROVIDING REMAINING LINES AND VALVES.

RECEIVED
JUL 7 1971
DIVISION OF OIL
FIELD OPERATIONS

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

AUTHENTICATE LEASE AND OPERATOR INFORMATION

VERIFY ADEQUATE AND PROPER BONDING

AUTHENTICATE IF SITE IS IN A NAMED FIELD, ETC.

APPLY SPACING CONSIDERATION

ORDER _____

UNIT Unschutz

c-3-b

c-3-c

CHECK DISTANCE TO NEAREST WELL.

CHECK OUTSTANDING OR OVERDUE REPORTS FOR OPERATOR'S OTHER WELLS.

IF POTASH DESIGNATED AREA, SPECIAL LANGUAGE ON APPROVAL LETTER

IF IN OIL SHALE DESIGNATED AREA, SPECIAL APPROVAL LANGUAGE.

July 5, 1984

Amoco Production Company
P. O. Box 829
Evanston, Wyoming 82930

RE: Well No. Champlin 458 "1" #1
NESE Sec. 29, T. 4N, R. 8E
(Surface) 1324' FHL, 1330' FEL
(BHL) 330' FHL, 330' FEL
Summit County, Utah

Gentlemen:

Approval to drill the above referenced gas well is hereby granted in accordance with Section 40-6-18, Utah Code Annotated, as amended 1983; and predicated on Rule A-3, General Rules and Regulations and Rules of Practice and Procedure, subject to the following stipulations:

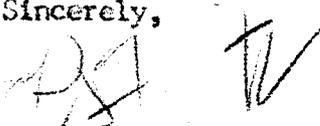
1. Submittal of directional drilling data upon completion of drilling operations to properly ascertain the location of the producing formation.

In addition, the following actions are necessary to fully comply with this approval:

1. Spudding notification to the Division within 24 hours after drilling operations commence.
2. Submittal to the Division of completed Form OGC-8-X, Report of Water Encountered During Drilling.
3. Prompt notification to the Division should you determine that it is necessary to plug and abandon this well. Notify John R. Baza, Petroleum Engineer, (Office) (801) 533-5771, (Home) 298-7695 or R. J. Firth, Associate Director, (Home) 571-6068.
4. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-043-30259.

Sincerely,


R. J. Firth
Associate Director, Oil & Gas

RJF/as
cc: Branch of Fluid Minerals
Enclosure

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

5. LEASE DESIGNATION AND SERIAL NO.
Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Anschutz Ranch East

8. FARM OR LEASE NAME
Champlin 458 "I"

9. WELL NO.
#1

10. FIELD AND POOL, OR WILDCAT
Anschutz Ranch East

11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA
Sec. 29, T4N, R8E

12. COUNTY OR PARISH 13. STATE
Summit Utah

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
AMOCO PRODUCTION COMPANY

3. ADDRESS OF OPERATOR
P.O. BOX 829, EVANSTON, WYOMING 82930

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface
1323.6' FNL & 1329.9' FEL

14. PERMIT NO. 15. ELEVATIONS (Show whether SP, RT, GR, etc.)
43-043-30259 7550' GR

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>Report of Operations</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.)

Date of Sundry: 08/22/84

Spud Date: 07/16/84

Total Depth: 4457'

Drilling ahead: 18.250" bit

Drilling Contractor: Norton 9

RECEIVED

AUG 23 1984

DIVISION OF OIL
GAS & MINING

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

SIGNED *David L. Payne* TITLE Administrative Supervisor DATE 8/22/84

(This space for Federal or State office use)

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

DOUBLE "D" ENTERPRISES

B.O.P. Test Report

RECEIVED

SEP 4 1984

DIVISION OF OIL
GAS & MINING

B.O.P. TEST PERFORMED ON (DATE)..... 8-19-84

OIL CO.: Amoco

WELL NAME & NUMBER..... AREU champion 45B2 #1

SECTION.....

TOWNSHIP.....

RANGE.....

COUNTY..... Summit UTAH

DRILLING CONTRACTOR..... Marten 9

INVOICES BILLED FROM: **DOUBLE "D" ENTERPRISES, INC.**
213 Pine Street - Box 560
Shoshoni, Wyoming 82649
Phone: (307) 876-2308 or (307) 876-2234

TESTED BY: **DOUBLE "D" ENTERPRISES, INC.**
712 Morse Lee Street
Evanston, Wyoming 82930
Phone: (307) 789-9213 or (307) 789-9214

OIL CO. SITE REPRESENTATIVE..... Baren H. H. H.

RIG TOOL PUSHER..... Rick

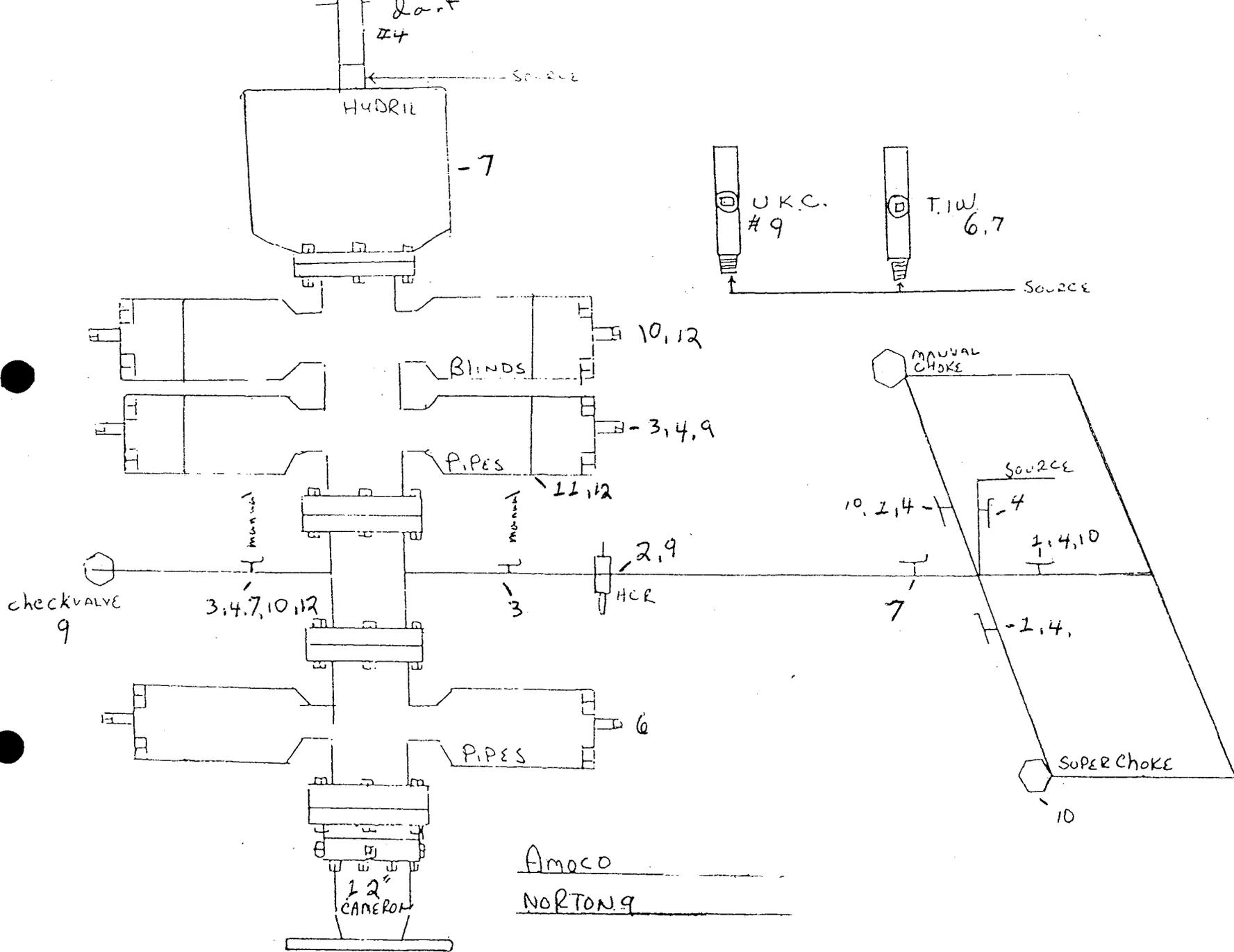
TESTED OUT OF..... Evanston

NOTIFIED PRIOR TO TEST:

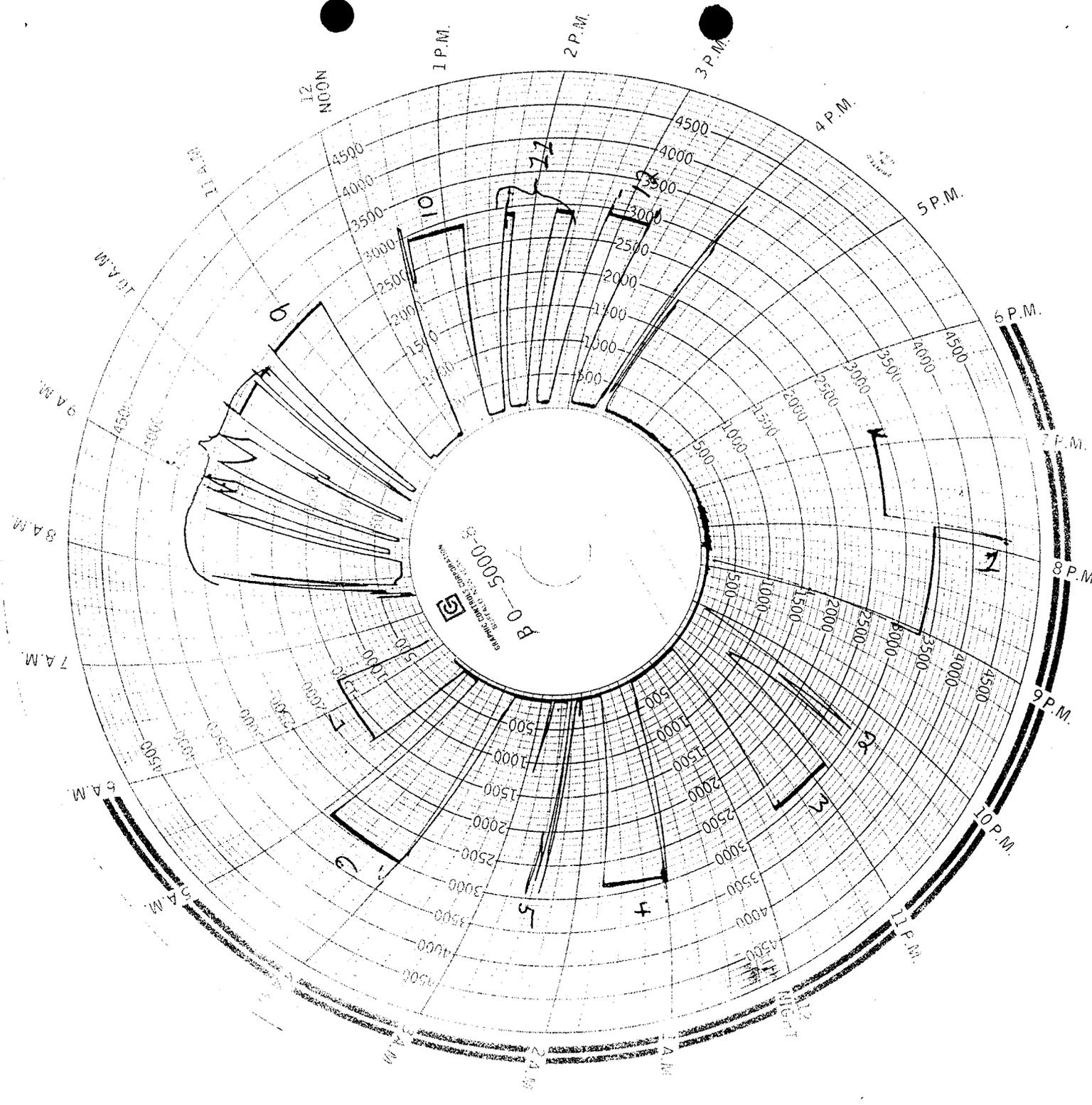
COPIES OF THIS TEST REPORT SENT COPIES TO: Co Rep

..... UTAH oil & Gas

ORIGINAL CHART & TEST REPORT ON FILE AT: Evanston OFFICE



Amoco
 NORTON 9



1. 6:45-7:30 test inside 3 manuals on manifold
wait on welder string up floor
2. 10:20 Leak on hydraulic valve bonnet
3. 10:35-10:50 test top pipe rams, inside manual
on Kill line manual on choke line
4. 11:20-11:35 test top pipe, inside manual on
Kill line, vertical riser, inside 3 manuals
in manifold house, dart valve
5. 11:40 Leaks on check valve and hydraulic valve
decided to replace wait on new hydraulic valve
6. 12:05-12:20 test Lower pipe ram, Lower Kelly
7. 12:30-12:45 test Hydri, inside manual on Kill line manual
on choke line, in front of manifold
cleaned guts to new check valve, tore out
old check valve wait on new one replaced
8. 5:05-6:30 check valve will not seal, worked hydraulic
valve, check valve you need to beat on while
pressuring up to seal
9. 6:40-6:55 test top pipes, check valve, HCR valve
on choke line Upper Kelly
10. 7:10-7:25 test on Blind rams, manual on Kill line, super
choke on manifold, found a small leak on blank
on Blinds grey lock on choke line

11 7:30-8:00 small leak on pipe ram door on mud
pit side (top pipes) hammered down
drips one drop every 2 to 3 mins no pressure
Lost on charts

12 8:05-8:20 test on blinds, inside manual on kill
super choke 2 manuals on manifold
still a small leak on top pipes will
replace door seal before next test



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

September 7, 1984

Amoco Production Company
P.O. Box 829
Evanston, Wyoming 82930

Gentlemen:

Re: Well No. Champlin 458 "I" #1 - Sec. 29, T. 4N., R. 8E.
Summit County, Utah - API #43-043-30259

We have received a copy of a B.O.P. test run on the above referred to well, however, this office has not received an official notification of the spudding of this well. One of the stipulations set forth in the approval letter dated July 5, 1984 was that the Division was to be notified within 24 hours after drilling operations commenced.

In addition, Rule C-22 of the General Rules and Regulations and Rules of Practice and Procedure, requires that where the well is in the process of being drilled, said report must be made for each calendar month, beginning with the month in which drilling operations were initiated and must be filed on or before the sixteenth (16) day of the succeeding month.

Enclosed are some "Sundry Notices", forms OGC-1b, for your convenience in bringing this well into compliance.

Page 2
Amoco Production Company
Well No. Champlin 458 "I" #1
September 7, 1984

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 the return. Such acknowledgement should avoid unnecessary mailing of a second notice from our agency.

Your prompt attention to this matter will be greatly appreciated.

Sincerely,



Claudia L. Jones
Well Records Specialist

clj

cc: D. R. Nielson
R. J. Firth
J. R. Baza
File

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 type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. Fee	
2. NAME OF OPERATOR AMOCO PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR P.O. BOX 829 EVANSTON, WYOMING 82930		7. UNIT AGREEMENT NAME Anschutz Ranch East	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface. 1323.6' FNL & 1329.9' FEL		8. FARM OR LEASE NAME Champlin 458 "I"	
14. PERMIT NO. 43-043-30259		9. WELL NO. #1	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 7550' GR		10. FIELD AND POOL, OR WILDCAT Anschutz Ranch East	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR ABBA Sec. 29, T4N, R8E	
		12. COUNTY OR PARISH Summit	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"/>	Report of Operations <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.)*

Date of Sundry: 9/26/84
Spud Date: 7/16/84
Total Depth: 9,449'
Drilling Ahead: 12.25" bit
Drilling Contractoe: Norton 9

RECEIVED
SEP 28 1984
DIVISION OF OIL GAS & MINING

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

SIGNED *Quint T. Pappalardo* TITLE Administrative Supervisor DATE 9/26/84

(This space for Federal or State agency use)

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

DOUBLE "D" ENTERPRISES

B.O.P. Test Report

RECEIVED

OCT 09 1984

B.O.P. TEST PERFORMED ON (DATE)..... 9-27-84

OIL CO.: Amco

DIVISION OF OIL
GAS & MINING

WELL NAME & NUMBER..... AREU champion 45B.2 #1

SECTION.....

TOWNSHIP.....

RANGE.....

COUNTY..... Summit UTAH

DRILLING CONTRACTOR..... Marten 9

INVOICES BILLED FROM: **DOUBLE "D" ENTERPRISES, INC.**
213 Pine Street - Box 560
Shoshoni, Wyoming 82649
Phone: (307) 876-2308 or (307) 876-2234

TESTED BY: **DOUBLE "D" ENTERPRISES, INC.**
712 Morse Lee Street
Evanston, Wyoming 82930
Phone: (307) 789-9213 or (307) 789-9214

OIL CO. SITE REPRESENTATIVE..... Baron Honco

RIG TOOL PUSHER..... Rick

TESTED OUT OF..... Evanston

NOTIFIED PRIOR TO TEST:

COPIES OF THIS TEST REPORT SENT COPIES TO: Co Rep

..... UTAH oil & Gas

ORIGINAL CHART & TEST REPORT ON FILE AT: Evanston OFFICE

DOUBLE "D" TESTING ENTERPRISES

DELIVERY TICKET

P.O. Box 560
Shoshoni, Wyoming 82649
307-876-2308

Nº 2087

RENTED TO A moco NO. _____

DATE 9-27-84

ORDERED BY Baron LEASE AR Kelly camp WELL NO. 4532 #1

Rental begins when tools leave
be charged as full day.

TRANSPORTATION - TO A

DOUBLE D Portable BLOWC

First eight hour test peri

Additional eight hours c

Items Tested:

<u>Ape</u> rams to <u>3000</u> #	Csg. to _____ #	Choke Manifold <u>3000</u> #
<u>Ape</u> rams to <u>3000</u> #	Hydril B O P to <u>1500</u> #	Kelly Cock <u>3000</u> #
<u>Blind</u> rams to <u>3000</u> #	Choke Line <u>3000</u> #	Safety Valve <u>3000</u> #
_____ rams to _____ #	_____ #	<u>Lower Kelly No test</u> #

TEST SUBS rent on 12 Cameron

OTHER rent on 4 1/2 IF to IF circ sub
used 15 gals of methanal in choke

shut casinghead valve, set wear ring, filled choke
line + manifold with methanal when finished with
test

No charge for nipple up tools to change
ram door gasket

We Appreciate Your Business shonli

TOTAL . . . \$ _____

TERMS NET CASH - NO DISCOUNT. (PRICES SUBJECT TO CHANGE WITHOUT NOTICE): Terms and Conditions Under Which Tools and Other Equipment Are Rented: Lessor exercises precautions to keep its tools and other equipment in good condition, but does not guarantee its condition. All tools and other equipment rented from Lessor is used at Lessee's sole risk. Lessee agrees that Lessor shall not be liable for any damages for personal injuries to any persons or for any damage to Lessor's property or the property of other persons that may be caused by any of such tools or other equipment, or that may be caused by its failure during use, and Lessee hereby agrees to hold harmless and indemnify Lessor against all persons for all personal injuries and/or property damage. Well conditions which prevent satisfactory operation of equipment do not relieve Lessee of his responsibility for rental charges. Lessee assumes all responsibility for equipment while out of possession of the Lessor and promises to return such equipment to the Lessor in as good condition as it was at the effective date of the lease, natural wear and tear from reasonable use thereof excepted. All equipment lost or damaged beyond repair will be paid for by the Lessee at the market price and all damaged equipment which can be repaired will be repaired and the repairs paid for by the Lessee. Accrued rental charges cannot be applied against the purchase price or cost of repairs of such damaged or lost equipment. All transportation charges must be borne by the Lessee. Rental begins when equipment leaves Lessor's yard and continues until returned thereto. ALL TOOLS AND EQUIPMENT SHALL REMAIN the sole property of Lessor. This lease is made and shall be effective when the equipment is delivered to the carrier selected by the Lessee.

TERMS: Net Cash - No Discount. All charges are due and payable at the office of Lessor in Shoshoni, Wyoming on the 20th of the month following date of invoice. Interest will be charged at the rate of 8%. Interest charged after 60 days from date of invoice.

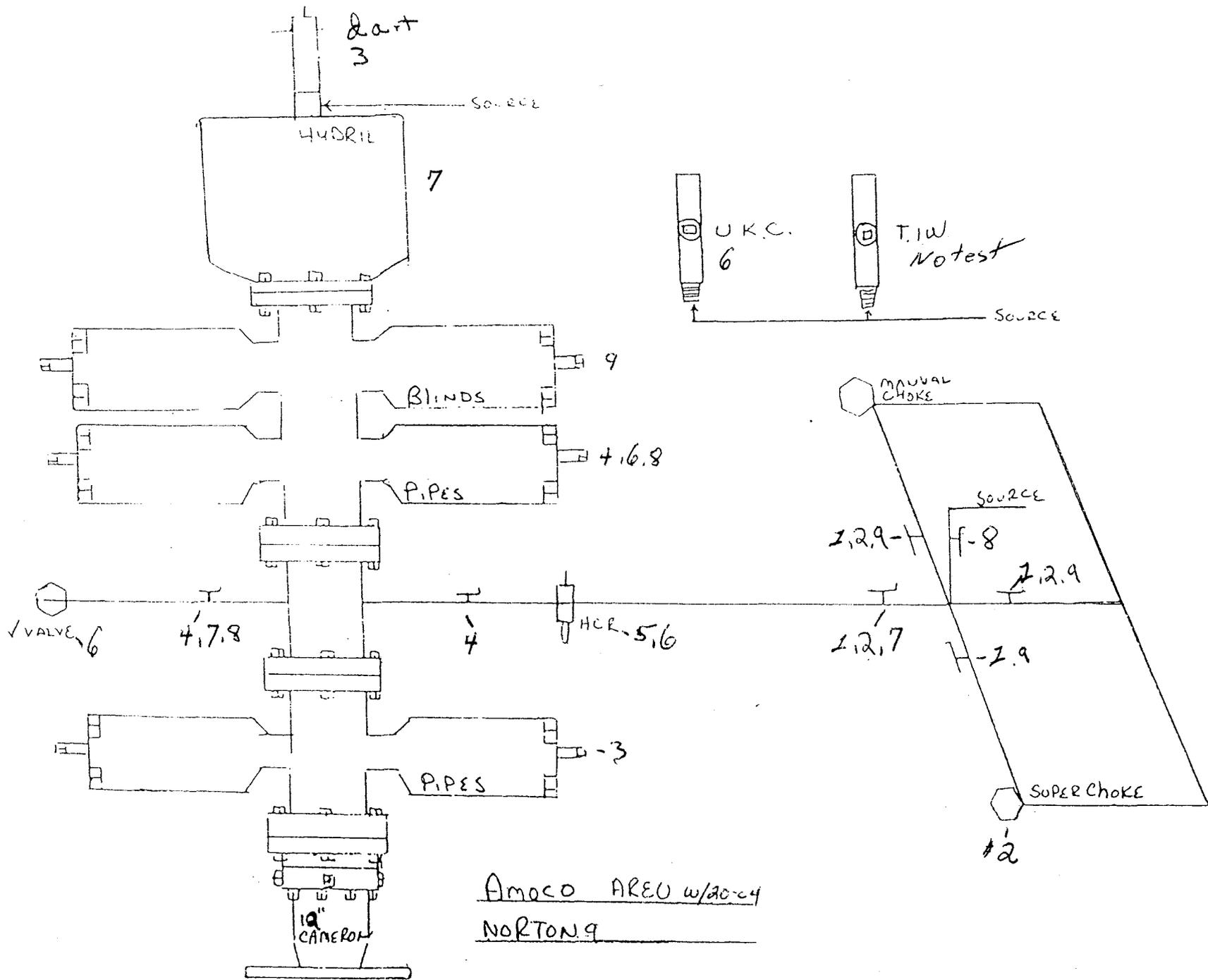
Delivered By: _____ OWNER OR OWNER'S REPRESENTATIVE

By: Mike Byler

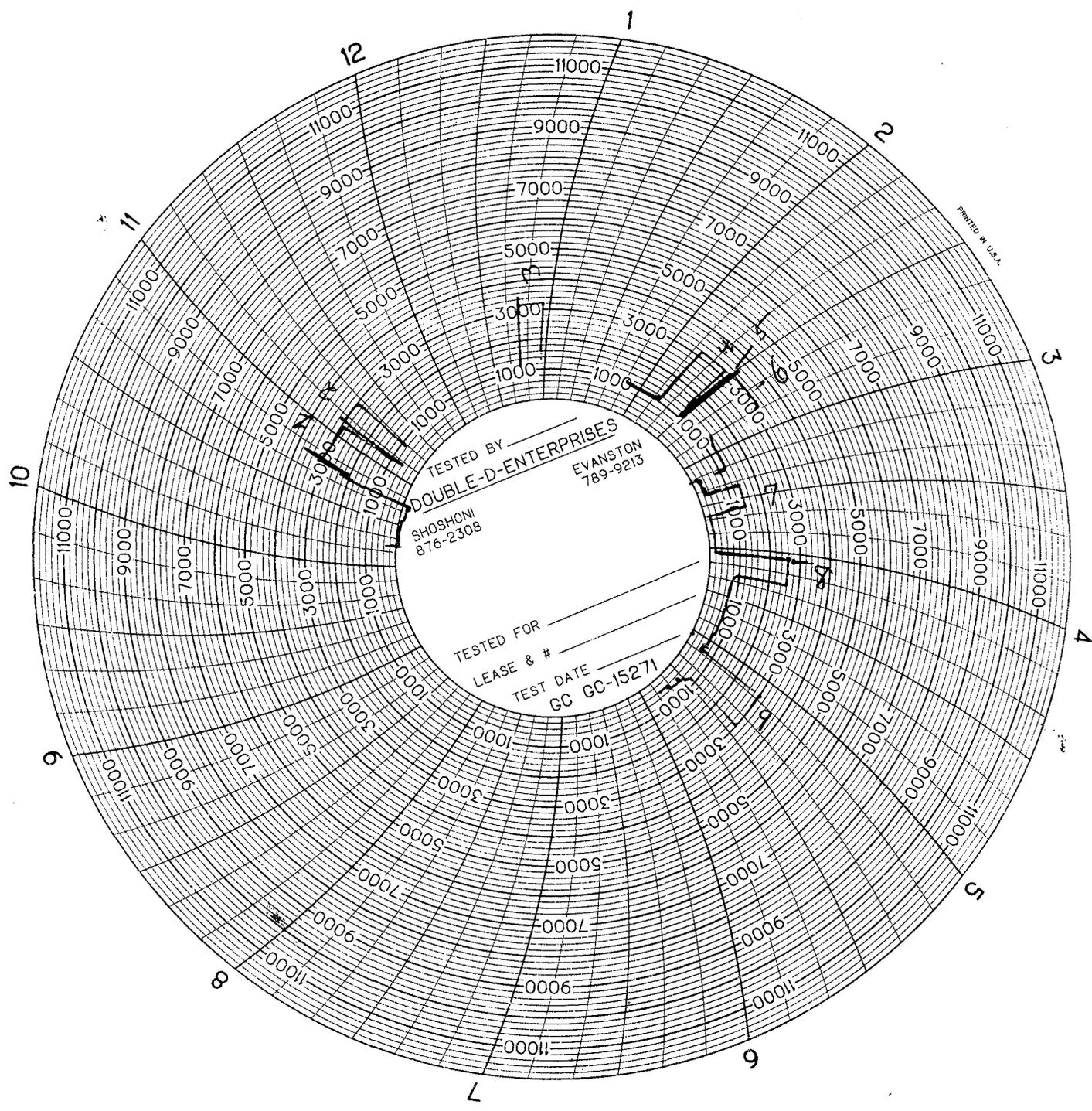
By: _____

3:40 Arrived on location rigged up tester + nipple up tools

- 1 4:05-4:25 test inside 3 manuals on manifold
- 2 4:26-4:42 test super choke (Swacos)
4:45-7:30 wait for rig crew to get out of hole
- 3 8:15-8:30 test Lower pipes, dart valve, finished cleaning upper pipe ram door seal area shut doors tightened
- 4 9:15-9:30 test Upper pipe rams, inside manual on kill line, inside manual on choke line
- 5 9:35 leak on hydraulic valve opened under pressure washed out
- 6 9:40-9:55 test, Upper pipes, check valve, hydraulic valve on choke line, Upper Kelly
- 7 10:05-10:20 test Hydril, manual on kill line, 3rd manual on manifold in front of manifold
- 8 10:50-11:05 test Upper Pipes: manual on kill line, vertical riser on manifold, inside 3 manuals worked with lower Kelly couldn't get to shut froze up no test
- 9 11:15-11:30 test Blinds, inside manual on manifold, inside manual on kill line



Printed in U.S.A.



TESTED BY
DOUBLE-D-ENTERPRISES
SHOSHONI
876-2308

TESTED FOR
EVANSTON
789-9213

LEASE & #
TEST DATE
GC GC-15271

DOUBLE 'D' ENTERPRISES

B.O.P. Test Report

B.O.P. TEST PERFORMED ON (DATE).....10-23-84.....

OIL CO.: Amoco.....

WELL NAME & NUMBER...Champlin 45B1#1.....

SECTION.....

TOWNSHIP.....

RANGE.....

COUNTY...Summit Co, Utah.....

DRILLING CONTRACTOR...Norton #9.....

INVOICES BILLED FROM: **DOUBLE "D" ENTERPRISES, INC.**
213 Pine Street - Box 560
Shoshoni, Wyoming 82649
Phone: (307) 876-2308 or (307) 876-2234

TESTED BY: **DOUBLE "D" ENTERPRISES, INC.**
712 Morse Lee Street
Evanston, Wyoming 82930
Phone: (307) 789-9213 or (307) 789-9214

OIL CO. SITE REPRESENTATIVE.....Baron Honca.....

RIG TOOL PUSHER.....

TESTED OUT OF...Evanston, Wyoming.....

NOTIFIED PRIOR TO TEST:

COPIES OF THIS TEST REPORT SENT COPIES TO: ...Site Representative.....
.....Utah Oil & Gas.....
.....B.L.M.....

ORIGINAL CHART & TEST REPORT ON FILE AT:Evanston.....OFFICE

ENTERPRISES
DOUBLE "D" TESTING

P.O. Box 560
Shoshoni, Wyoming 82649
307-876-2308

DELIVERY TICKET

29 No 2254

RENTED TO AMOCO NO. R. 9 NO 1019

DATE 10-23-84

ORDERED BY _____ LEASE CHAMPLIN WELL NO. 458 I #1

Rental begi
be charged

TRANSPO

DOUBLE D

First

Add:

Items tested:

<u>Blinds</u> rams to <u>5000</u> #	Csg. to _____ #	Choke Manifold <u>5000</u> #
<u>PIPES</u> rams to <u>5000</u> #	Hydril B O P to <u>3000</u> #	<u>BETH</u> Kelly Cock <u>5000</u> #
<u>PIPES</u> rams to <u>5000</u> #	Choke Line <u>5000</u> #	Safety Valve <u>5000</u> #
_____ rams to _____ #	_____ #	<u>STAND VALVE</u> <u>5000</u> #

TEST SUBS TWO 4 1/2 I F TEST SUBS

OTHER ONE 10" CAMELON TEST #

ALL TEST HELD 15 MINUTES ON 5000 P.S.I.
HYDRIL TESTED TO 3000 P.S.I. FOR 15 MIN.
CLOSED CASING VALVE WHEN DONE
TESTED BACK TO STAND PIPE VALVE.
METHOD USED 50 g.

CLOSING TIME
Blinds 4 SEC.
PIPES 6 SEC.
HYDRIL 19 SEC.

We Appreciate Your Business TANKS RON

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TERMS: Net Cash — No Discount. All charges are due and payable at the office of Lessor in Shoshoni, Wyoming on the 20th of the month following date of invoice. Interest will be charged at the rate of 8%. Interest charged after 60 days from date of invoice.

Delivered By:

OWNER OR OWNER'S REPRESENTATIVE

By: Ron Russell

By: _____

company

Lease and Well Name #

Date of test

Rig #

Amoco

Champlin 458 I[#]

10-23-84

Norton 9

Time

STARTED TEST AT 5:30

5:30 6:15

SET Plug And SUBS ON
FLOOR PICKUP JOINT MAKE UP
PLUG. RUN IN HOLE BACK OUT.
FILL STACK WITH WATER. CLOSE BLINDS

(1) 6:15 - 6:35

TEST BLINDS MANIFOLD VALVES
5,000 PSI 15 MINUTES OK

6:35 - 7:00

OPEN BLINDS RUN JOINT BACK
INTO PLUG AND SCREW INTO
CLOSE BOTTOM PIPES.

(2) 7:00 - 7:20

TEST - BOTTOM PIPES - DART
5,000 PSI. 15 MINUTES. OK

(3) 7:20 - 7:45

TEST - TOP PIPES - DART
up Right - Manual ON KILL LINE.
5,000 PSI 15 MINUTES OK

7:45 - 8:45

HYD. LINE BROKE UP IT ON
IT TO GET FIXED BEFORE
TEST AGAIN. SO I COULD TEST HCR

(4) 8:45 - 9:05

TEST - TOP PIPES - HCR
DART - Manual ON KILL LINE
5,000 PSI 15 MINUTES. OK

(5) 9:05 - 9:25

TEST - TOP PIPES DART
Manual ON choke line
Manual ON KILL LINE.
5,000 PSI 15 MINUTES. OK

Company

Lease and Well Name #

Date of test

Rig #

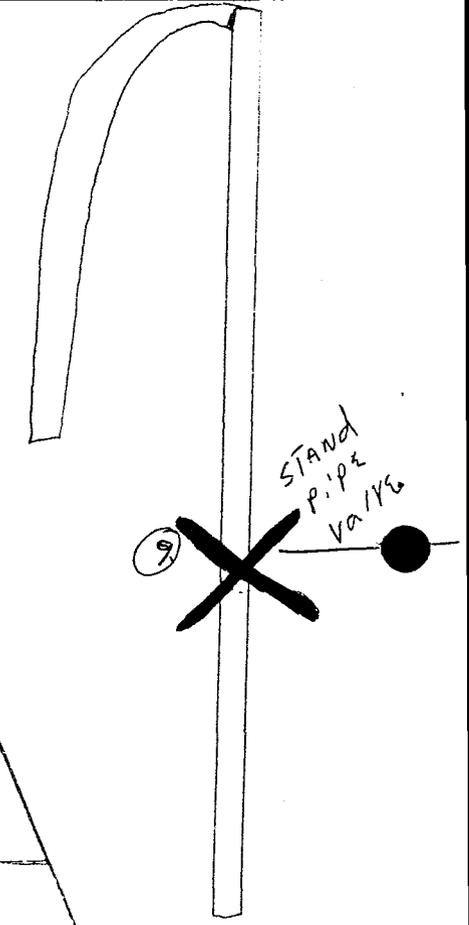
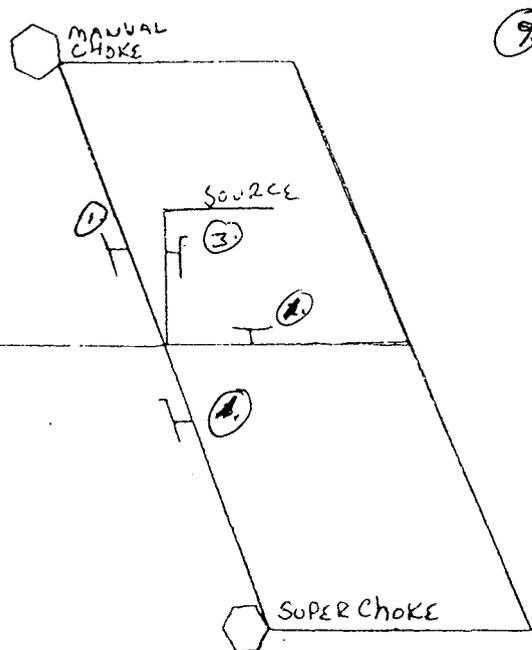
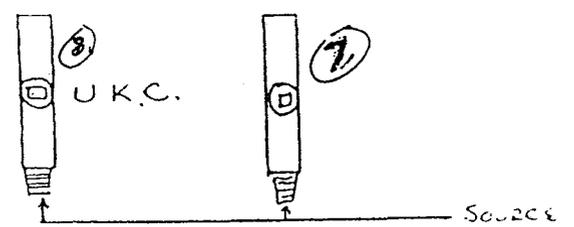
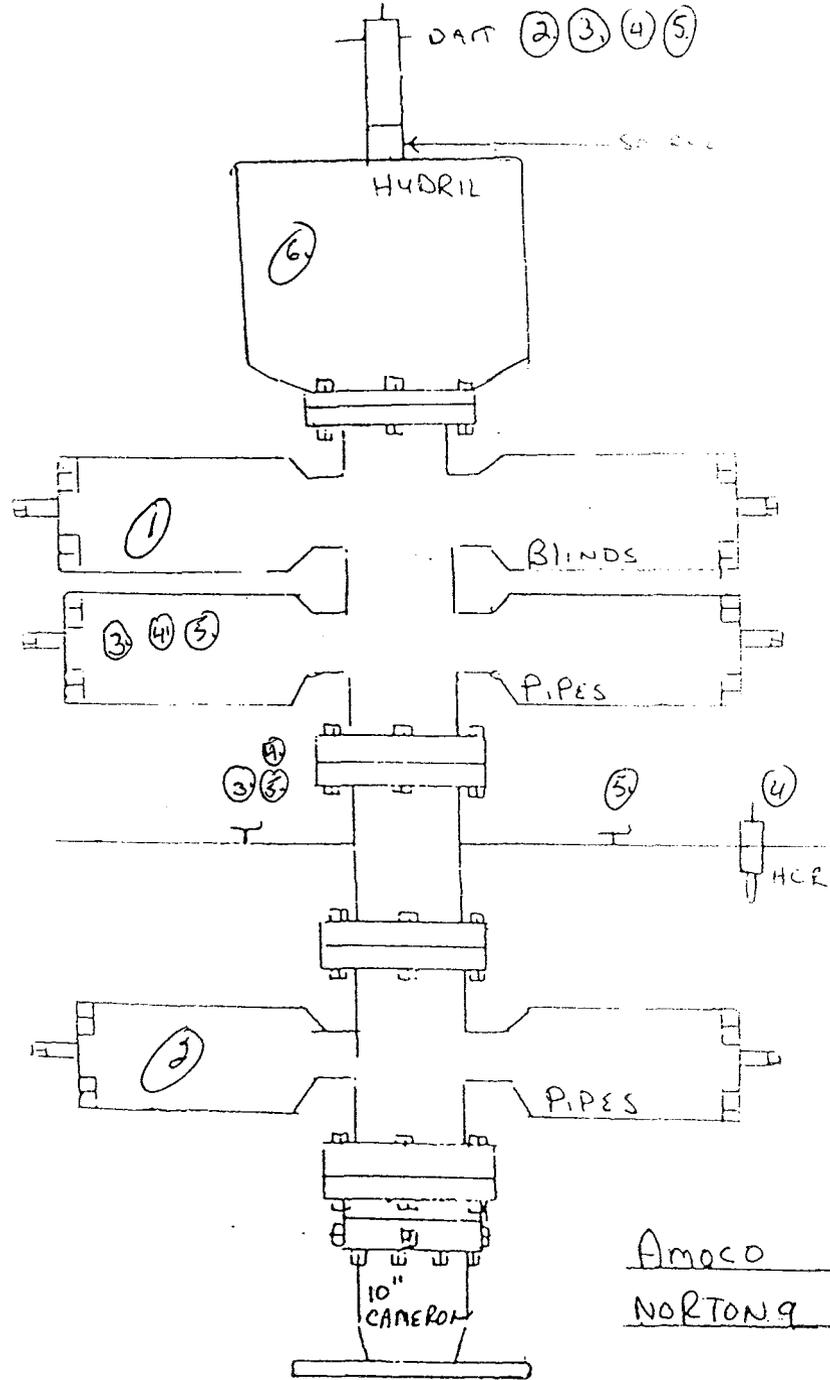
AMOCO

CHAMPLIN 4581

10-23-84

MORTON 9

#	TIME	
6)	9:25 - 9:45	TEST - HYDRIL - 3,000 PSI, 15 MINUTES OK
	9:45 - 10:30	PULL PLUG KELLY UP RIG UP SUBS.
7)	10:30 - 10:45	TEST LOWER KELLY 5,000 PSI 15 MINUTES
8)	10:45 - 11:05	TEST UPPER KELLY VALVE 5,000 PSI 15 MINUTES
9)	11:05 - 11:30	TEST STAND PIPE VALVE 5,000 PSI 15 MINUTES OK
	11:30 - 12:00	RIG DOWN FROM FLOOR
	12:00 - 12:15	PICK UP TOOLS CLEAN UP
	12:15 - 12:30	MAKE OUT TICKET
	12:30 - 2:00	TRAVEL TO SHOP



Amoco
 NORTON 9

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

SUBMIT **TRIPPLICATE***
(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. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. Fee
2. NAME OF OPERATOR AMOCO PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P.O. BOX 829 EVANSTON, WYOMING 82930		7. UNIT AGREEMENT NAME Anschutz Ranch East
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1323.6' FNL & 1329.9' FEL		8. FARM OR LEASE NAME Champlin 458 "I"
14. PERMIT NO. 43-043-30259	15. ELEVATIONS (Show whether DF, RT, OR, etc.) 7550' GR	9. WELL NO. #1
		10. FIELD AND POOL, OR WILDCAT Anschutz Ranch East
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 29, T4N, R8E
		12. COUNTY OR PARISH Summit
		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>Report of Operations</u> <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.)*

Date of Sundry: 10/24/84

Spud Date: 7/16/84

Total Depth: 10,567'

Drilling Contractor: Norton 9

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

SIGNED Louis T. Dwyer TITLE Administrative Supervisor DATE 10/24/84

(This space for Federal or State office use)

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

FLOPETROL JOHNSTON

Schlumberger

WELL PERFORMANCE TEST REPORT

A Production Systems Analysis (NODAL)
Based On
Drillstem Test Data *WF*

Test Date
11-02-84

Report No.:
42980 E

COMPANY

AMOCO PROD. CO.

WELL

CHAMPLIN 458-1

TEST IDENTIFICATION

Test Type OPEN HOLE
Test Number 1
Formation TWIN CREEK
Test Interval 11625 - 11683 FT.
Reference Depth KELLY BUSHING

WELL LOCATION

Field ARE (DEV.)
County SUMMIT
State UTAH
Sec / Twn / Rng NOT GIVEN
Elevation NOT GIVEN

HOLE CONDITIONS

Total Depth (MVD/TVD) 11683 FT.
Hole Size / Deviation Angle 8 1/2"/STRAIGHT
Csg / Liner ID NA
Perf'd Interval NA
Shot Density / Phasing NA
Gun Type / Perf Cond NA

MUD PROPERTIES

Mud Type EZ OIL
Mud Weight 7.9 LB/GAL
Mud Resistivity NOT GIVEN
Filtrate Resistivity NOT GIVEN
Filtrate Chlorides NOT GIVEN
Filtrate Nitrates NOT GIVEN

INITIAL TEST CONDITIONS

Gas Cushion Type NONE
Surface Pressure NA
Liquid Cushion Type WATER
Height Above DST Valve 400 FT.

TEST STRING CONFIGURATION

10853 FT./3.875 IN.
Pipe Length / ID 188 FT./3.75 IN.
Collar Length / ID 538 FT./2.75 IN.
Packer Depth(s) 11618 & 11625 FT.
BH Choke Size 15/16 IN.

NET PIPE RECOVERY

Volume	Fluid Type	Physical Properties
9.45 BBL	MUD	300K PPM CL.

NET SAMPLE CHAMBER RECOVERY

Volume	Fluid Type	Physical Properties
2.47 SCF	GAS	
20 CC	WATER	

Pressure: 300 PSIG GOR: --- GLR: 19636.5

INTERPRETATION RESULTS (INITIAL SHUT-IN)

Reservoir Pressure @Gauge Depth: 1970.8 PSIA
Gauge Depth 11631 FT.
Hydrostatic Gradient 0.168 PSI/FT
Potentiometric Surface UNDETERMINED
Effective Permeability to GAS 0.001 MD.
Transmissibility 3.501 MD.-FT./CP.
Skin Factor / Damage Ratio 1.535
Omega / Lambda (2φ System) DUAL POROSITY SYSTEM
Radius of Investigation 1.31 FT.
Measured Wellbore Storage0356

ROCK / FLUID / WELLBORE PROPERTIES

Reservoir Temperature 185°F
Analysis Fluid Type GAS
Formation Volume Factor 0.015 FT³/FT³
Viscosity 0.013 CPS.
Z-Factor (gas only)973
Net Pay ASSUMED 58 FT.
Porosity ASSUMED 10%
Total System Compressibility 2.752E-03 1/PSI
Wellbore Radius354 FT.
Expected Wellbore Storage0116

FLOW RATE DURING DST

36 MSCFD avg. INITIAL FLOW

MAXIMUM FLOW RATE POTENTIAL AFTER COMPLETION

NOTE: FINAL SHUT-IN PRESSURE BUILD-UP UNANALYZABLE; DATA DOMINATED BY WELLBORE STORAGE EFFECTS. INTERPRETATION RESULTS PRESENTED IN THIS REPORT ARE FROM ANALYSIS OF THE INITIAL SHUT-IN PRESSURE BUILD-UP.

FJS-5 B14059

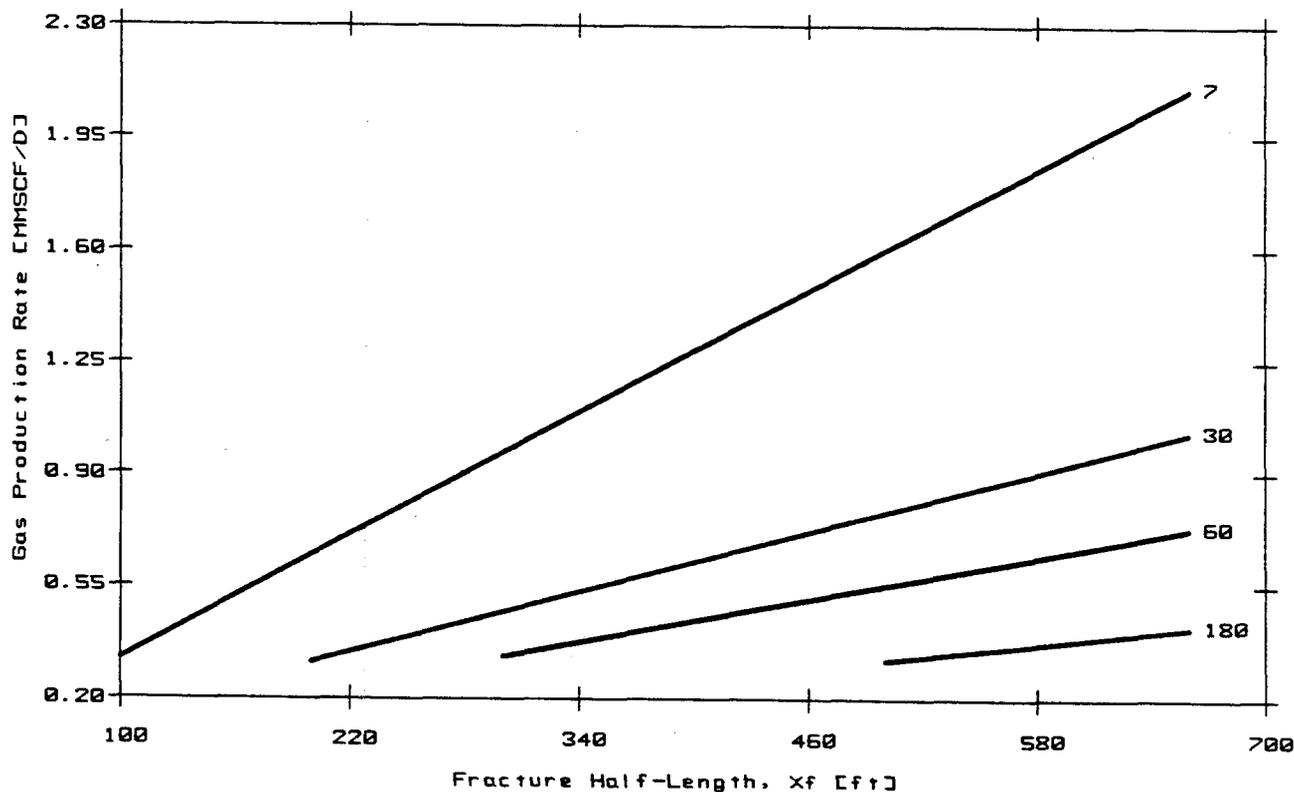
This rate is based on a specific completion design & producing time. Call FJS for details

WELL TEST INTERPRETATION REPORT #: 42980E		PAGE: 7,
CLIENT : AMOCO PRODUCTION CO.		9-NOV-84
REGION : MID-CONT.	SENSITIVITY ANALYSIS Rate vs. Xf (vs. Time) ACRE SPACING = 40 ACRES	Field: ARE (DEU.)
DISTRICT: ROCK SPRNGS		Zone : TWIN CREEK
BASE : DENVER		Well : CHAMPLIN 458-1
Engr : D. HALLFORD		Location:

NOTE: TIME TO STABILIZATION AFTER THE FRAC = APPROX. 202 YRS., THEREFORE, PRODUCING TIMES UP TO ONE YEAR HAVE BEEN EXAMINED HERE.

Reservoir Pressure: 1971 psi Liquid/Gas Ratio: 0.051 STB/MMSCF
 Permeability: 0.0010 md Tubing Size: 2.441 in (id)
 Net Thickness: 58.0 ft Wellhead Pressure: 100.0 psi

Fracture Conductivity, kf^*w : 366.7 md.ft
 (ASSUMES CLOSURE PRESSURE = 7226 PSIA & 20-40 OTTAWA SAND PROPPANTS IN USE)



Production Rate vs. Frac. Half-Length, Transient Conditions
 7 to 365 days : ACRE SPACING = 40 ACRES

WELL TEST INTERPRETATION REPORT #: 42980E		PAGE: 8,
CLIENT : AMOCO PRODUCTION CO.		9-NOV-84
REGION : MID-CONT.	SENSITIVITY ANALYSIS Input Data Summary ACRE SPACING = 40 ACRES	Field: ARE (DEU.)
DISTRICT: ROCK SPRNGS		Zone : TWIN CREEK
BASE : DENVER		Well : CHAMPLIN 458-I
Engr : D. HALLFORD		Location:

Production Time [days]

7.0 30.0 60.0 180.0 365.0

Fracture Half-Length, Xf [ft]

100.0 200.0 300.0 400.0 500.0
650.0

BOTTOMHOLE PRESSURE LOG

FIELD REPORT NO. 42980E

COMPANY : AMOCO PRODUCTION CO.

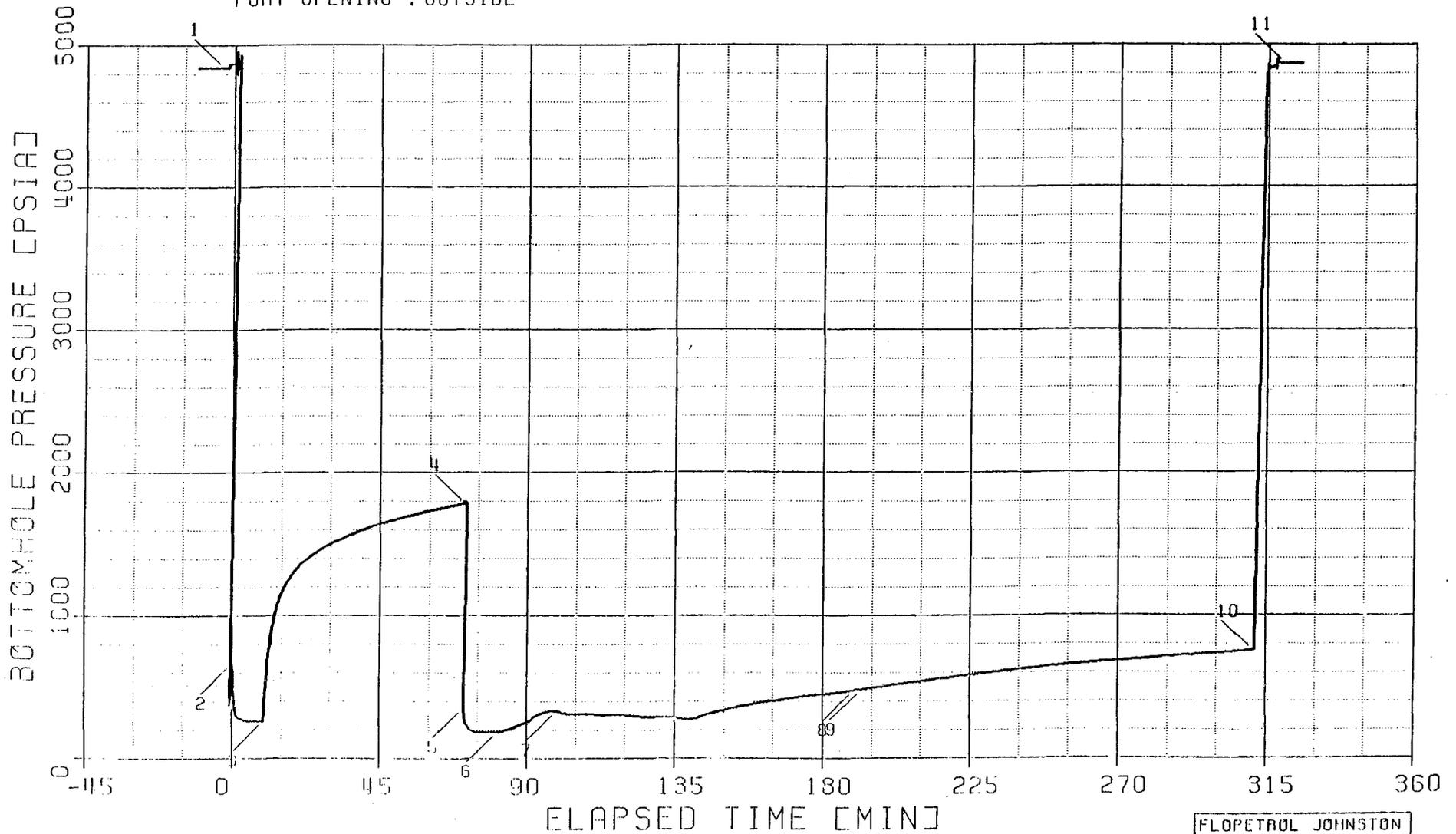
INSTRUMENT NO. J-903

WELL : CHAMPLIN 458-I

DEPTH : 11631 FT

CAPACITY : 6400 PSI

PORT OPENING : OUTSIDE



FLOPETROL JOHNSTON
SCHUMBERGER

429

BOTTOMHOLE PRESSURE LOG

FIELD REPORT NO. 42980E

COMPANY : AMOCO PRODUCTION CO.

INSTRUMENT NO. J-903

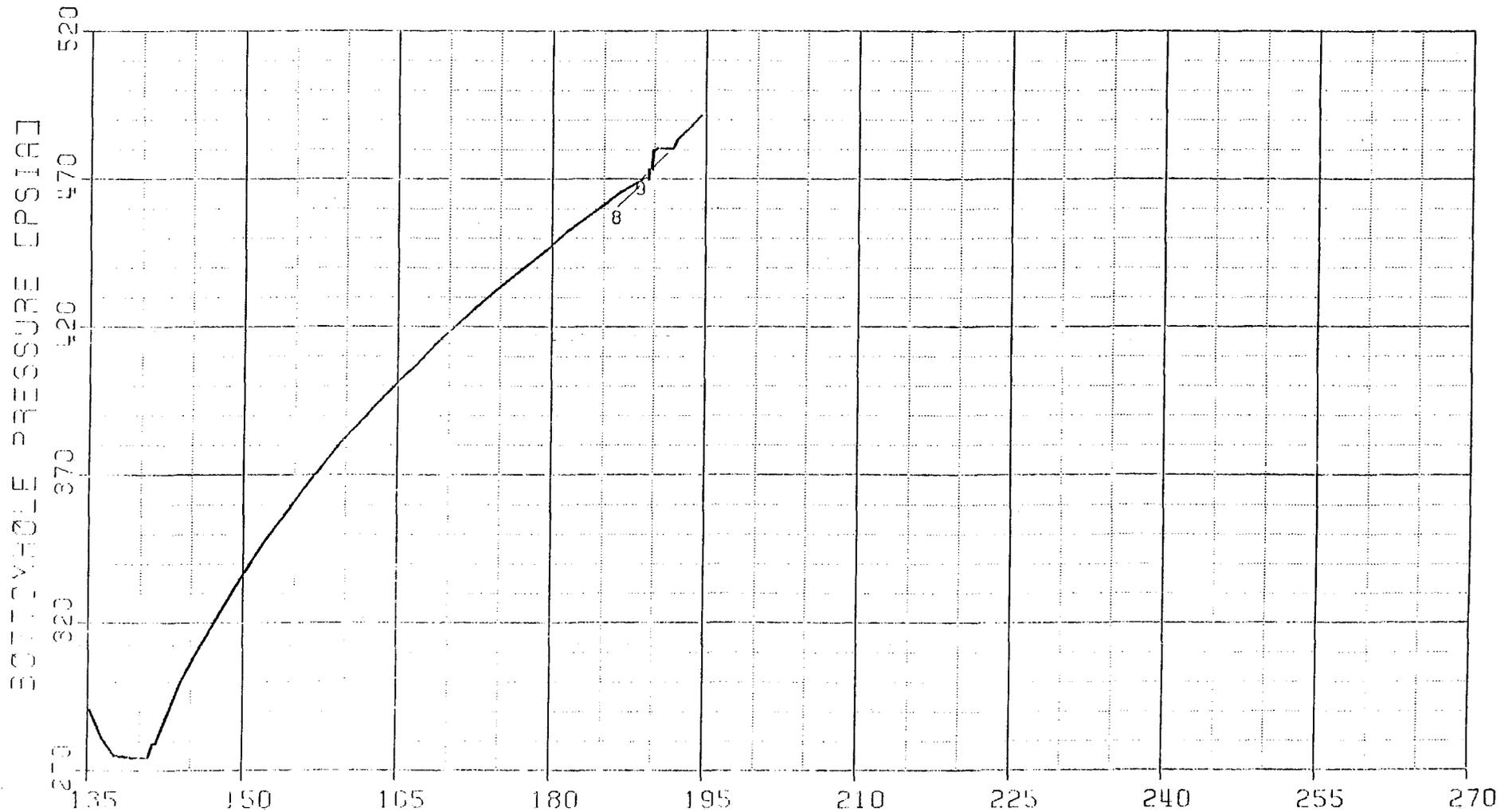
WELL : CHAMPLIN 458-I

DEPTH : 11631 FT

CAPACITY : 6400 PSI

PORT OPENING : OUTSIDE

THIS IS A BLOW-UP OF THE DATA AT THE END OF THE FINAL FLOW PERIOD.



DST EVENT SUMMARY

Field Report # 42980 E

DATE (M/D/Y)	TIME (HR:MIN)	EVENT ET. (MIN)	EVENT DESCRIPTION	LABEL PT. #	SURFACE PRESSURE (PSIG)	FLOOR MANIFOLD CHOKE SIZE (64ths INCH)
11-2-84	0940	—	SET PACKER	1		1/8" BUBBLE HOSE
	0942	—	OPENED TEST TOOL FOR INITIAL FLOW	2	1.5	"
			SURFACE PRESSURE BUILT FROM 1.5 PSI			
			TO 94 PSI IN TEN MINS. & HAD GAS TO			
			SURFACE			
	0952	—	CLOSED TEST TOOL FOR INITIAL SHUT-IN	3	94.0	"
	1022		BLOW DIED			"
	1052		FINISHED SHUT-IN	4		"
	1053	—	OPENED TEST TOOL FOR FINAL FLOW	5	3.0	"
	1103		CLOSED AT SURFACE	6	48.0	CLOSED
	1113		REPAIR FLARE LINE		66.0	"
	1123		OPEN TO PIT FLOWRATE = 210 MSCFD	7	58.0	3/8"
	1133		FLOWRATE = 200 MSCFD		47.0	"
	1143		FLOWRATE = 170 MSCFD		38.0	"
	1153		FLOWRATE = 140 MSCFD		30.0	"
	1203		FLOWRATE = 125 MSCFD		23.0	"
	1213		FLOWRATE = 105 MSCFD		17.5	"
	1223		FLOWRATE = 85 MSCFD		12.0	"
	1233		FLOWRATE = 75 MSCFD		7.0	"
	1253	—	CLOSED TEST TOOL FOR FINAL SHUT-IN	8,9	2.0	"
			FLOWRATE = 60 MSCFD			
	1453	—	FINISHED FINAL SHUT-IN	10		"
	1455	—	UNSEATED PACKER	11		"
		—	REVERSED OUT			
		—	BEGAN TRIP OUT OF HOLE			

 * WELL TEST DATA PRINTOUT *

FIELD REPORT # : 42980E

COMPANY : AMOCO PRODUCTION CO.
 WELL : CHAMPLIN 458-I

INSTRUMENT # : J-903
 CAPACITY [PSI] : 6400.
 DEPTH [FT] : 11631.0
 PORT OPENING : OUTSIDE
 TEMPERATURE [DEG F] : 185.0

LABEL POINT INFORMATION

#	TIME OF DAY		DATE	EXPLANATION	ELAPSED TIME, MIN	BOT HOLE PRESSURE PSIA
	HH:MM:SS	DD-MM				
1	9:38:31	2-NO	HYDROSTATIC MUD		-3.40	4842
2	9:42: 0	2-NO	START FLOW		0.00	661
3	9:51:35	2-NO	END FLOW & START SHUT-IN		9.58	262
4	10:52:50	2-NO	END SHUT-IN		70.84	1782
5	10:52:39	2-NO	START FLOW		70.65	355
6	11: 2:59	2-NO	CLOSED ON SURFACE		80.98	183
7	11:21: 2	2-NO	OPENED ON SURFACE		99.04	331
8	12:51:25	2-NO	END FLOW		189.42	471
9	12:53:46	2-NO	START SHUT-IN		191.77	480
10	14:53: 0	2-NO	END SHUT-IN		311.00	750
11	15: 1:41	2-NO	HYDROSTATIC MUD		319.69	4867

SUMMARY OF FLOW PERIODS

PERIOD	START ELAPSED TIME, MIN	END ELAPSED TIME, MIN	DURATION MIN	START PRESSURE PSIA	END PRESSURE PSIA
1	0.00	9.58	9.58	661	262
2	70.65	189.42	118.77	355	471

SUMMARY OF SHUTIN PERIODS

PERIOD	START ELAPSED TIME, MIN	END ELAPSED TIME, MIN	DURATION MIN	START PRESSURE PSIA	END PRESSURE PSIA	FINAL FLOW PRESSURE PSIA	PRODUCING TIME, MIN
1	9.58	70.84	61.26	262	1782	262	9.58
2	191.77	311.00	119.23	480	750	480	128.35

TEST PHASE : FLOW PERIOD # 1

TIME OF DAY	DATE	ELAPSED TIME, MIN	DELTA TIME, MIN	BOT HOLE PRESSURE PSIA
9:42: 0	2-ND	0.00	0.00	661
9:47: 0	2-ND	5.00	5.00	263
9:51:35	2-ND	9.58	9.58	262

TEST PHASE : SHUTIN PERIOD # 1

FINAL FLOW PRESSURE [PSIA] = 262
 PRODUCING TIME [MIN] = 9.58

TIME OF DAY	DATE	ELAPSED TIME, MIN	DELTA TIME, MIN	BOT HOLE PRESSURE PSIA	DELTA P PSI	LOG HORNER TIME
9:51:35	2-ND	9.58	0.00	262	0	
9:52:35	2-ND	10.58	1.00	592	330	1.024
9:53:35	2-ND	11.58	2.00	800	538	0.763
9:54:35	2-ND	12.58	3.00	960	698	0.623
9:55:35	2-ND	13.58	4.00	1061	799	0.531
9:56:35	2-ND	14.58	5.00	1132	870	0.465
9:57:35	2-ND	15.58	6.00	1183	921	0.414
9:58:35	2-ND	16.58	7.00	1228	966	0.374
9:59:35	2-ND	17.58	8.00	1265	1003	0.342
10: 0:35	2-ND	18.58	9.00	1296	1035	0.315
10: 1:35	2-ND	19.58	10.00	1325	1063	0.292
10: 3:35	2-ND	21.58	12.00	1371	1109	0.255
10: 5:35	2-ND	23.58	14.00	1408	1146	0.226
10: 7:35	2-ND	25.58	16.00	1440	1179	0.204
10: 9:35	2-ND	27.58	18.00	1469	1207	0.185
10:11:35	2-ND	29.58	20.00	1494	1232	0.170
10:13:35	2-ND	31.58	22.00	1516	1254	0.157
10:15:35	2-ND	33.58	24.00	1537	1276	0.146
10:17:35	2-ND	35.58	26.00	1556	1295	0.136
10:19:35	2-ND	37.58	28.00	1577	1315	0.128
10:21:35	2-ND	39.58	30.00	1595	1333	0.120
10:26:35	2-ND	44.58	35.00	1635	1373	0.105
10:31:35	2-ND	49.58	40.00	1669	1407	0.093
10:36:35	2-ND	54.58	45.00	1700	1439	0.084
10:41:35	2-ND	59.58	50.00	1730	1468	0.076
10:46:35	2-ND	64.58	55.00	1754	1492	0.070
10:51:35	2-ND	69.58	60.00	1776	1514	0.064
10:52:50	2-ND	70.84	61.26	1782	1520	0.063

TEST PHASE : FLOW PERIOD # 2

TIME OF DAY	DATE	ELAPSED TIME, MIN	DELTA TIME, MIN	BDT HOLE PRESSURE PSIA
HH:MM:SS	DD-MM	*****	*****	*****
10:52:39	2-NO	70.65	0.00	355
10:57:39	2-NO	75.65	5.00	184
11: 2:39	2-NO	80.65	10.00	183
11: 7:39	2-NO	85.65	15.00	215
11:12:39	2-NO	90.65	20.00	262
11:17:39	2-NO	95.65	25.00	321
11:22:39	2-NO	100.65	30.00	318
11:27:39	2-NO	105.65	35.00	312
11:32:39	2-NO	110.65	40.00	310
11:37:39	2-NO	115.65	45.00	304
11:42:39	2-NO	120.65	50.00	302
11:47:39	2-NO	125.65	55.00	292
11:52:39	2-NO	130.65	60.00	292
11:57:39	2-NO	135.65	65.00	287
12: 2:39	2-NO	140.65	70.00	274
12: 7:39	2-NO	145.65	75.00	311
12:12:39	2-NO	150.65	80.00	340
12:17:39	2-NO	155.65	85.00	364
12:22:39	2-NO	160.65	90.00	385
12:27:39	2-NO	165.65	95.00	403
12:32:39	2-NO	170.65	100.00	420
12:37:39	2-NO	175.65	105.00	435
12:42:39	2-NO	180.65	110.00	450
12:47:39	2-NO	185.65	115.00	463
12:51:25	2-NO	189.42	118.77	471

TEST PHASE : SHUTIN PERIOD # 2

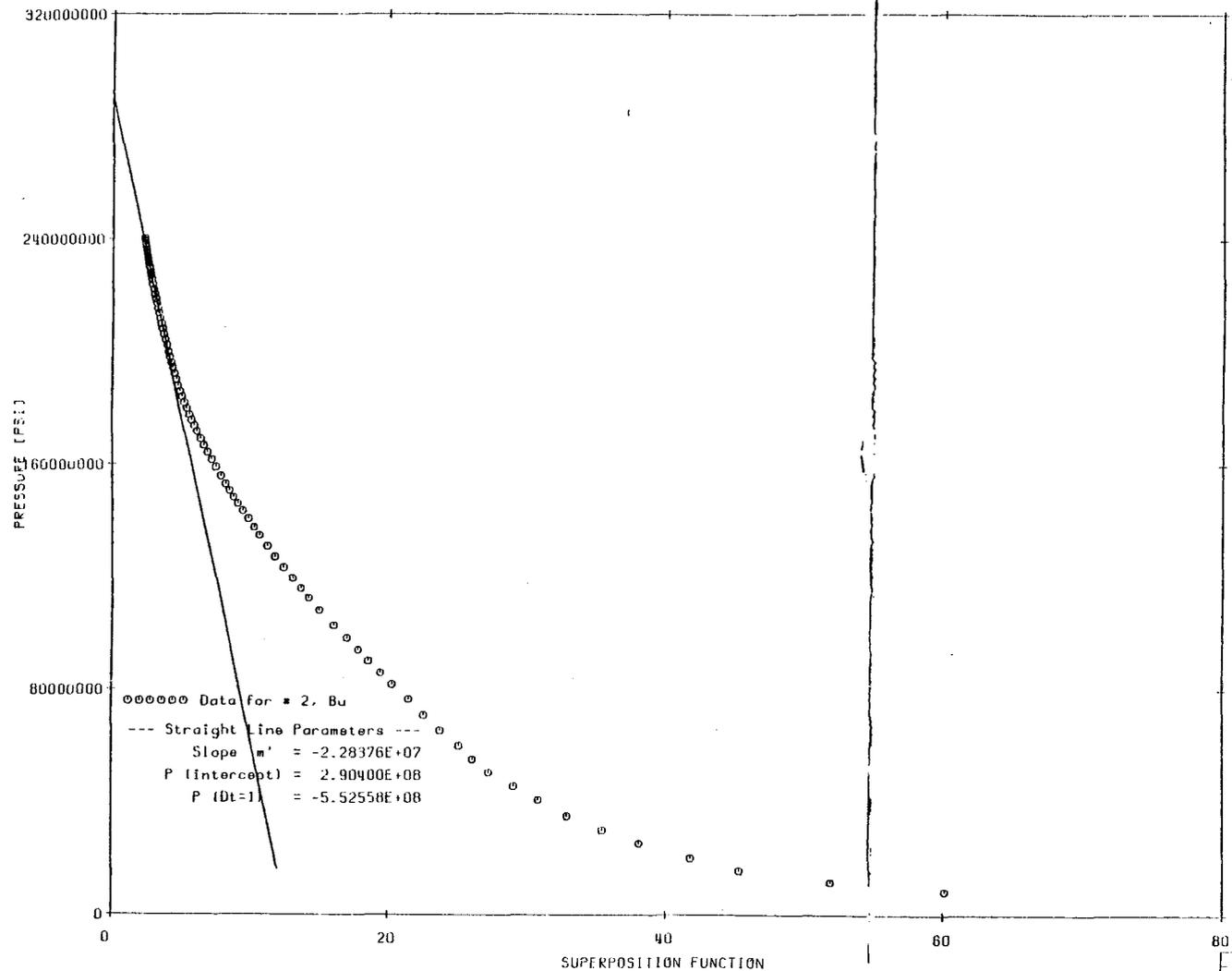
FINAL FLOW PRESSURE [PSIA] = 480
 PRODUCING TIME [MIN] = 128.35

TIME OF DAY	DATE	ELAPSED TIME, MIN	DELTA TIME, MIN	BDT HOLE PRESSURE PSIA	DELTA P PSI	LOG HORNER TIME
HH:MM:SS	DD-MM	*****	*****	*****	*****	*****
12:53:46	2-NO	191.77	0.00	480	0	
12:54:46	2-NO	192.77	1.00	485	5	2.112
12:55:46	2-NO	193.77	2.00	489	8	1.814
12:56:46	2-NO	194.77	3.00	492	12	1.641
12:57:46	2-NO	195.77	4.00	496	15	1.520
12:58:46	2-NO	196.77	5.00	499	18	1.426
12:59:46	2-NO	197.77	6.00	502	21	1.350
13: 0:46	2-NO	198.77	7.00	505	25	1.286
13: 1:46	2-NO	199.77	8.00	508	28	1.232
13: 2:46	2-NO	200.77	9.00	511	31	1.184
13: 3:46	2-NO	201.77	10.00	514	34	1.141
13: 5:46	2-NO	203.77	12.00	520	40	1.068
13: 7:46	2-NO	205.77	14.00	526	46	1.007

TEST PHASE : SHUTIN PERIOD # 2
 FINAL FLOW PRESSURE [PSIA] = 480
 PRODUCING TIME [MIN] = 128.35

TIME OF DAY	DATE	ELAPSED TIME, MIN	DELTA TIME, MIN	BDT HOLE PRESSURE PSIA	DELTA P PSI	LOG HORNER TIME
HH:MM:SS	DD-MM	*****	*****	*****	*****	*****
13: 9:46	2-ND	207.77	16.00	532	52	0.955
13:11:46	2-ND	209.77	18.00	538	57	0.910
13:13:46	2-ND	211.77	20.00	544	63	0.870
13:15:46	2-ND	213.77	22.00	550	69	0.835
13:17:46	2-ND	215.77	24.00	555	75	0.803
13:19:46	2-ND	217.77	26.00	560	80	0.774
13:21:46	2-ND	219.77	28.00	566	86	0.747
13:23:46	2-ND	221.77	30.00	571	91	0.722
13:28:46	2-ND	226.77	35.00	584	103	0.669
13:33:46	2-ND	231.77	40.00	597	116	0.624
13:38:46	2-ND	236.77	45.00	609	129	0.586
13:43:46	2-ND	241.77	50.00	621	141	0.552
13:48:46	2-ND	246.77	55.00	632	152	0.523
13:53:46	2-ND	251.77	60.00	643	163	0.497
13:58:46	2-ND	256.77	65.00	654	174	0.473
14: 3:46	2-ND	261.77	70.00	664	184	0.452
14: 8:46	2-ND	266.77	75.00	674	194	0.433
14:13:46	2-ND	271.77	80.00	683	203	0.416
14:18:46	2-ND	276.77	85.00	693	212	0.400
14:23:46	2-ND	281.77	90.00	702	222	0.385
14:28:46	2-ND	286.77	95.00	712	232	0.371
14:33:46	2-ND	291.77	100.00	721	240	0.359
14:38:46	2-ND	296.77	105.00	729	248	0.347
14:43:46	2-ND	301.77	110.00	737	256	0.336
14:48:46	2-ND	306.77	115.00	745	265	0.326
14:53: 0	2-ND	311.00	119.23	750	270	0.317

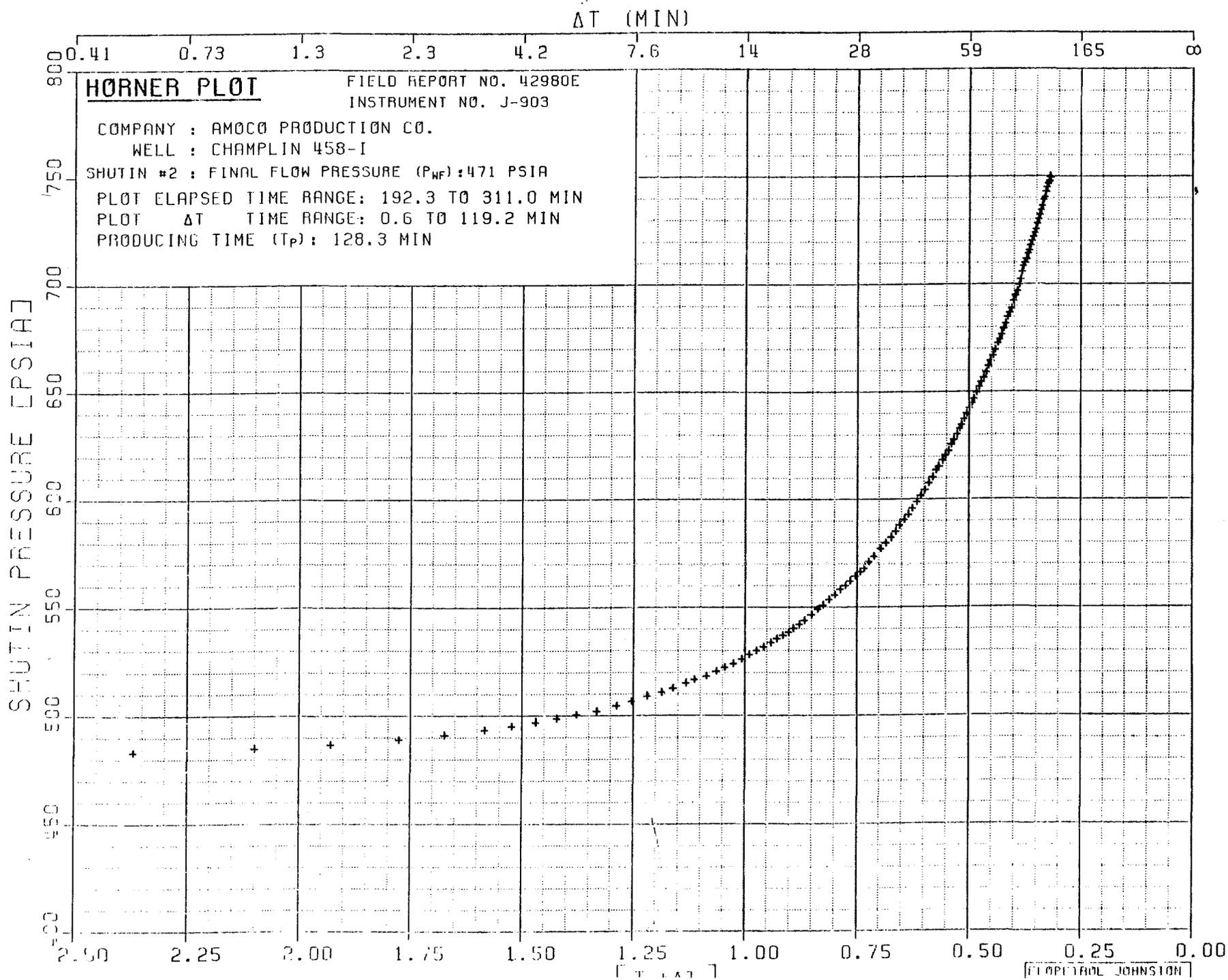
WELL TEST INTERPRETATION REPORT #42900E		PAGE 1, SECTION 3
CLIENT : AMOCO PROD. CO.		08-NOV-84
REGION : MID-CENT.	INFINITE-ACTING RADIAL FLOW ANALYSIS: SUPERPOSITION PLOT FOR # 2, Bu	Field: ARE (DEV.)
DISTRICT: ROCK SPRINGS		Zone : TWIN CREEK
BASE : DENVER		Well : CHAMPLIN 450-1
Engn : D. HALLFORD		Location:



FORM# 11.00-010482

SUPERPOSITION WITH 2 FLOW PERIODS

FT 10/27/84
 SCHLUMBERGER
 JOHNSTON, MO, CO.
 SCHLUMBERGER



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

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

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. Fee
2. NAME OF OPERATOR AMOCO PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P.O. BOX 829 EVANSTON, WYOMING 82930		7. UNIT AGREEMENT NAME Anschutz Ranch East
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1323.6' FNL & 1329.9' FEL		8. FARM OR LEASE NAME Champlin 458 "I"
14. PERMIT NO. 43-043-30259	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 7550' GR	9. WELL NO. #1
		10. FIELD AND POOL, OR WILDCAT Anschutz Ranch East
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 29, T4N, R8E
		12. COUNTY OR PARISH Summit
		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) Report of Operations <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.) *

Date of Sundry: 11/30/84
 Spud Date: 07/16/84
 Total Depth: 14,145'
 Drilling Contractor: Norton 9

RECEIVED
 DEC 03 1984

DIVISION OF
 OIL, GAS & MINING

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

SIGNED [Signature] TITLE Administrative Supervisor DATE 11/30/84

(This space for Federal or State office use)

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

ORAL APPROVAL TO PLUG AND ABANDON WELL

well file

Operator Amoco Representative Mark Summers.
Champlin
 Well No. 458 I #1 Location 1/4 1/4 Section 29 Township 4N. Range 8E
 County Summit Field _____ State _____

Unit Name and Required Depth _____ Base of fresh water sands _____

Current Depth: _____
 T.D. 15090 Size hole and Fill per sack _____ " _____' and Top _____ #/gal. _____

Casing Size	Set At	Top of Cement	To Be Pulled	Plugging Requirements		
				From	To	Sacks Cement
<u>9 5/8</u>	<u>10567</u>	_____	_____	<u>① Top of Nugget</u>	_____	_____
<u>13 3/8</u>	<u>4369</u>	_____	_____	<u>② Intermed. log @ 12500</u>	_____	_____
Formation	Top	Base	Shows	<u>③ At csg. shoe of 9 5/8"</u>	_____	_____
<u>Twin Ck.</u>	<u>10440</u>	_____	_____	<u>④ Base of 13 3/8 @ 9 5/8"</u>	_____	_____
_____	_____	_____	_____	<u>⑤ Surface plug</u>	_____	_____
_____	_____	_____	_____	<u>⑥ Annulus plug</u>	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

REMARKS

DST's, lost circulation zones, water zones, etc., _____

Approved by IRB Date 12/4 Time 1420 a.m. p.m.

- May PxA when they hit Nugget.
- Will call back w/ exact depths when they plug.

DOUBLE "D" ENTERPRISES

B.O.P. Test Report

RECEIVED
DEC 10 1984

DIVISION OF
OIL, GAS & MINING

B.O.P. TEST PERFORMED ON (DATE)..... 11-21-84

OIL CO.: Amoco

WELL NAME & NUMBER..... Champlin 458 I #1

SECTION.....

TOWNSHIP.....

RANGE.....

COUNTY..... Summit

DRILLING CONTRACTOR..... Norton #9

INVOICES BILLED FROM: DOUBLE "D" ENTERPRISES, INC.
213 Pine Street - Box 560
Shoshoni, Wyoming 82649
Phone: (307) 876-2308 or (307) 876-2234

TESTED BY: DOUBLE "D" ENTERPRISES, INC.
712 Morse Lee Street
Evanston, Wyoming 82930
Phone: (307) 789-9213 or (307) 789-9214

OIL CO. SITE REPRESENTATIVE.....

RIG TOOL PUSHER.....

TESTED OUT OF..... Evanston, Wyoming

NOTIFIED PRIOR TO TEST:

COPIES OF THIS TEST REPORT SENT COPIES TO: Site Representative
Utah Oil & Gas
B.L.M.

ORIGINAL CHART & TEST REPORT ON FILE AT: Evanson.....OFFICE

ENTERPRISES
DOUBLE D" TESTING

P.O. Box 560
 Shoshoni, Wyoming 82649
 307-876-2308

DELIVERY TICKET

Nº 2391

RENTED TO AMOCO NO. Rig Norton 9
 DATE 11-21-84
 ORDERED BY _____ LEASE Chaplin Well No. 458 I #1

TOOLS TESTED:

Blinds rams to 5000 # _____ Csg. to _____ # Choke Manifold 5000 #
Pipes rams to 5000 # Hydril B O P to 3000 # Both Kelly Cock 5000 #
Pipes rams to 5000 # Choke Line 5000 # Safety Valve 5000 #
 _____ rams to _____ # _____ " _____ #

TEST SUBS TWO 4 1/2 I F TEST SUB

OTHER ONE 10" CAMERON TEST

METHOD USED ON FOR 709 GALS
TESTED TO 5000 PSI ON SURFACE THING
BUT HYDRIL - 3000 PSI ON HYDRIL.
CLOSED CASING VALVE WHEN DONE.
CLOSED INSIDE VALVES ON STACK WHEN DONE

<u>CLOSING TIMES</u>	<u>PRESSURE ON</u>
<u>HYDRIL - 21 SEC.</u>	<u>ACCUMULATOR - 3000 PSI</u>
<u>BLINDS - 5 SEC.</u>	<u>ANNULAR - 1500 PSI</u>
<u>PIPES - 8 SEC.</u>	<u>MANIFOLD - 1500 PSI</u>
<u>PIPES - 7 SEC.</u>	

We Appreciate Your Business THANKS RON

TERMS NET CASH - NO DISCOUNT. (PRICES SUBJECT TO CHANGE WITHOUT NOTICE): Terms and Conditions Under Which Tools and Other Equipment Are Rented: Lessor exercises precautions to keep its tools and other equipment in good condition, but does not guarantee its condition. All tools and other equipment rented from Lessor is used at Lessee's sole risk. Lessee agrees that Lessor shall not be liable for any damages for personal injuries to any persons or for any damage to Lessor's property or the property of other persons that may be caused by any of such tools or other equipment, or that may be caused by its failure during use, and Lessee hereby agrees to hold harmless and indemnify Lessor against all persons for all personal injuries and/or property damage. Well conditions which prevent satisfactory operation of equipment do not relieve Lessee of his responsibility for rental charges. Lessee assumes all responsibility for equipment while out of possession of the Lessor and promises to return such equipment to the Lessor in good condition as it was at the effective date of the lease, natural wear and tear from reasonable use thereof excepted. All equipment lost or damaged beyond repair will be paid for by the Lessee at the market price and all damaged equipment which can be repaired will be repaired and the repairs paid for by the Lessee. Accrued rental charges cannot be applied against the purchase price or cost of repairs of such damaged or lost equipment. All transportation charges must be borne by the Lessee. Rental begins when equipment leaves Lessor's yard and continues until returned thereto. ALL TOOLS AND EQUIPMENT SHALL REMAIN the sole property of Lessor. This lease is made and shall be effective when the equipment is delivered to the carrier selected by the Lessee.

TERMS: Net Cash - No Discount. All charges are due and payable at the office of Lessor in Shoshoni, Wyoming on the 20th of the month following date of invoice. Interest will be charged at the rate of 8%. Interest charged after 60 days from date of invoice.

Delivered By: CREW VERY HELPFUL OWNER OR OWNER'S REPRESENTATIVE

By: Ron Russell By: _____

Company

Lease and Well Name # Date of test Rig #

Amoco
ST # Time

CHAMOLIN 4501# 11-21-84 Nor 5019

ARRIVED ON LOCATION AT 1000

10:00 12:00 RIG UP TO MANIFOLD

SET PLUG ON END

RIG UP TO PULL WEAR

RING. SCREW INTO WEAR

RING. BACK OUT THE DOWN

BOITS. PULL WEAR RING

RIG DOWN WEAR RING RATHER

SET PLUG. FILL STACK WITH

WATER. CLOSE BLINDS

1. 12:00 12:25 TEST - BLINDS - MANIFOLD
VALVES - FIRST MANUAL ON KILL
LINE.

5000 PSI 15 MINUTES OK

12:25 - 1:40 OPEN BLINDS

RUN JUMP BACK INTO PLUG

CLOSE BOTTOM PIPES

TRY TO TEST NOT TEST. PART WIFE

ESAKING. FIX IT TRY AGAIN

STILL NOT TEST. COST ALL

PRESSURE ON ACCUMULATOR.

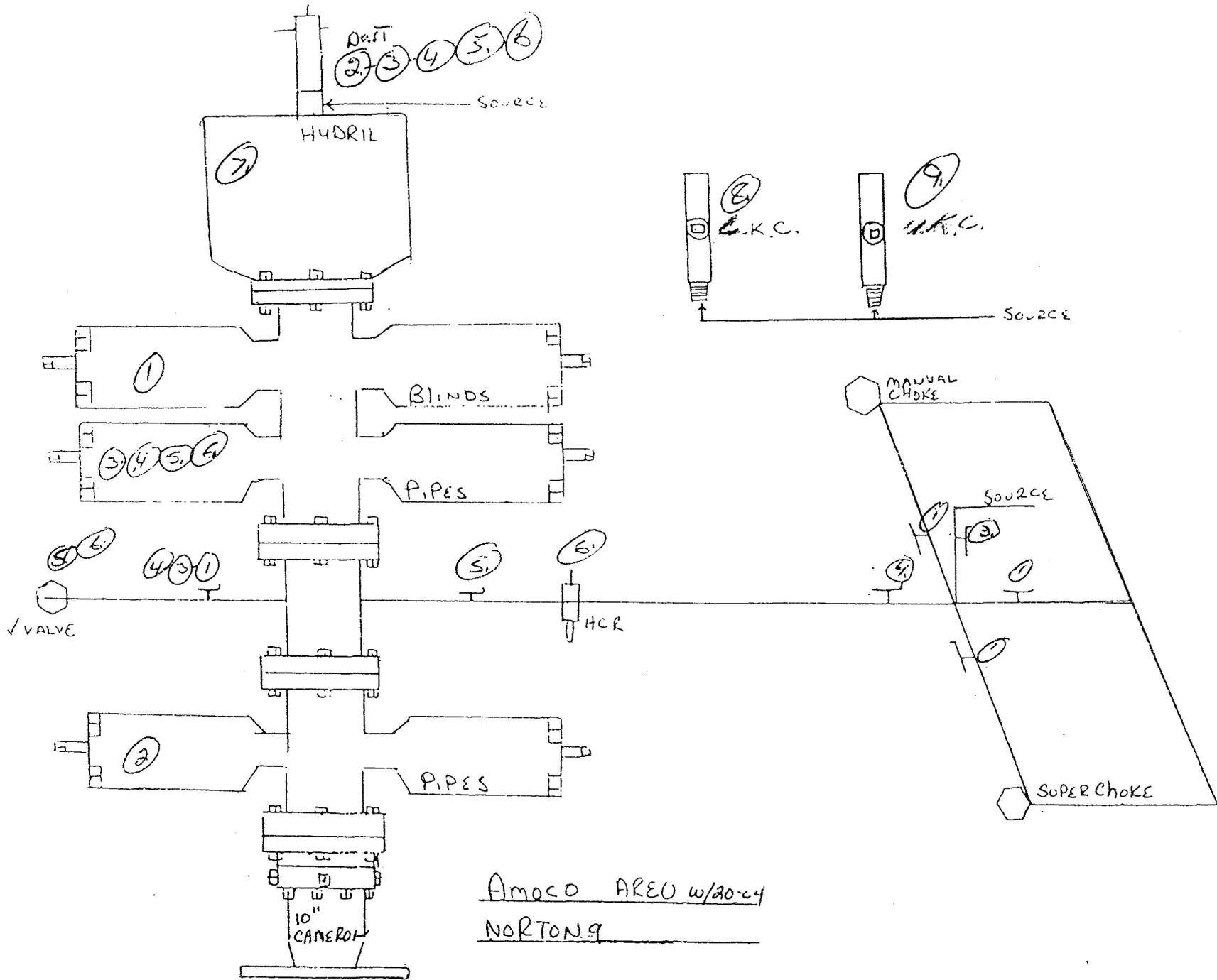
WAIT FOR PRESSURE TO BUILD

UP. TRY AGAIN

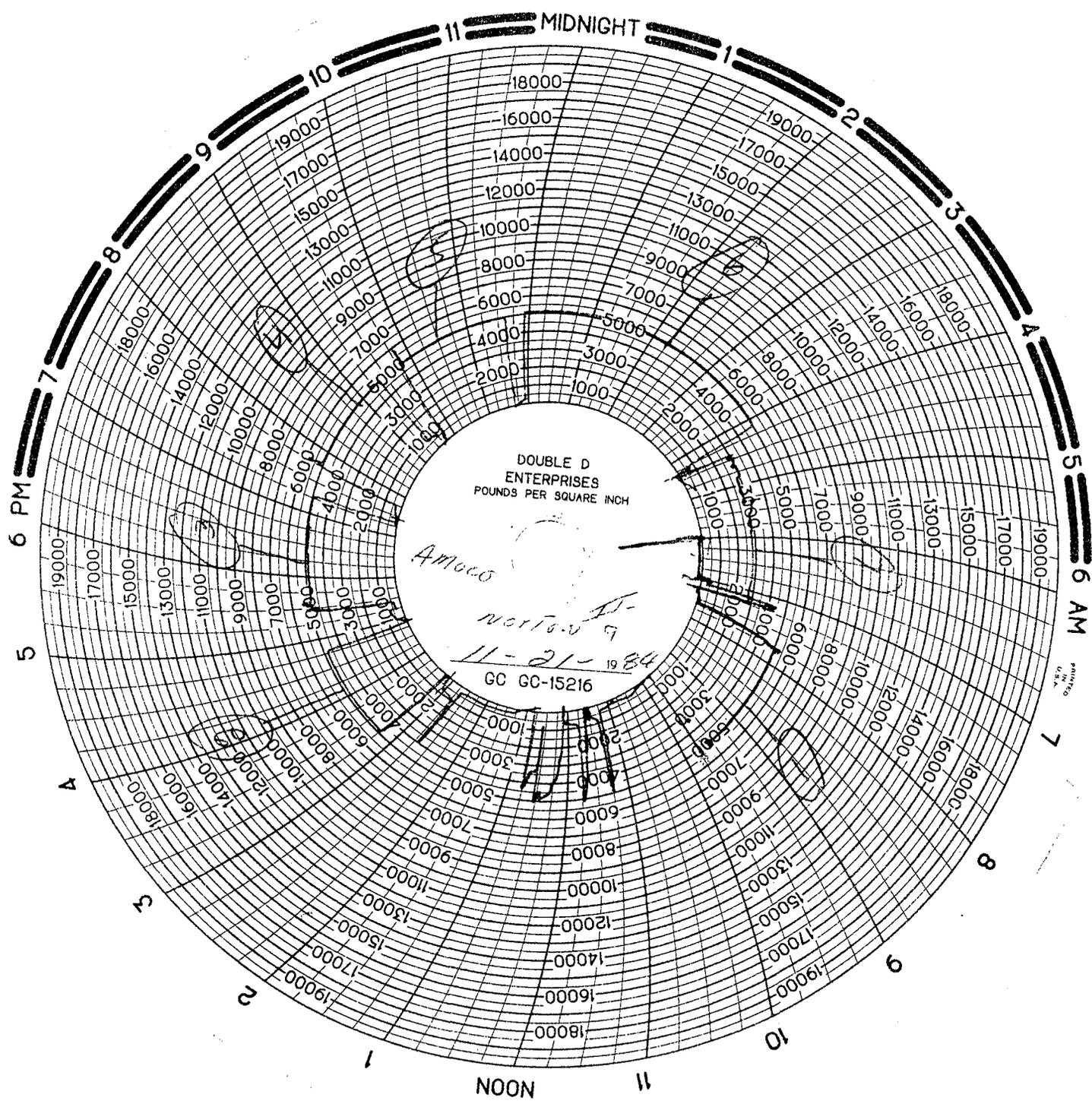
2. 1:40 - 2:05 TEST - BOTTOM PIPES
PART - 5000 PSI 15 MINUTES OK

3. 2:05 2:25 TEST - TOP PIPES - PART -
UP RIGHT ON CHOKER MANIFOLD -
MANUAL ON KILL LINE 5000 PSI 15 MINUTES OK

Company	Lease and Well Name #	Date of Test	Rig #
Amoco	Champion 45B1-1	11-21-84	Atg Norton
IT #	Time		
(4)	2:25 - 2:50	TOP PIPES - DART - Manual ON CHOKER MANIFOLD. Manual on Kill Line 5000 PSI 15 MINUTES - OK	
(5)	3:15 - 3:15	TEST - TOP PIPES - DART - CHECK ON KILL LINE - Manual ON CHOKER LINE - 5000 PSI 15 MINUTES OK	
(6)	3:15 - 3:35	TEST - TOP PIPES - DART - CHECK ON KILL LINE - HCR 5000 PSI 15 MINUTES OK	
(7)	3:35 - 4:00	TEST HYDRIL 3000 PSI 15 MIN - OK	
	4:00 - 5:00	Pull Plug Rig down SET wear ring KILL UP - MAKE UP SURB TIE IN HOSE.	
(8)	5:00 - 5:20	TEST LOWER KILL VALVE 5000 PSI 15 MINUTES OK	
(9)	5:20 - 5:40	TEST UPPER KILL VALVE 5000 PSI 15 MINUTES OK	
	5:40 - 6:00	Rig DOWN AND Pick up Tools / / / MAKE OUT TICKET	
	6:00 - 7:00	TRAVEL TO SHOP	



Amoco AREU w/20-24
NORTON 9



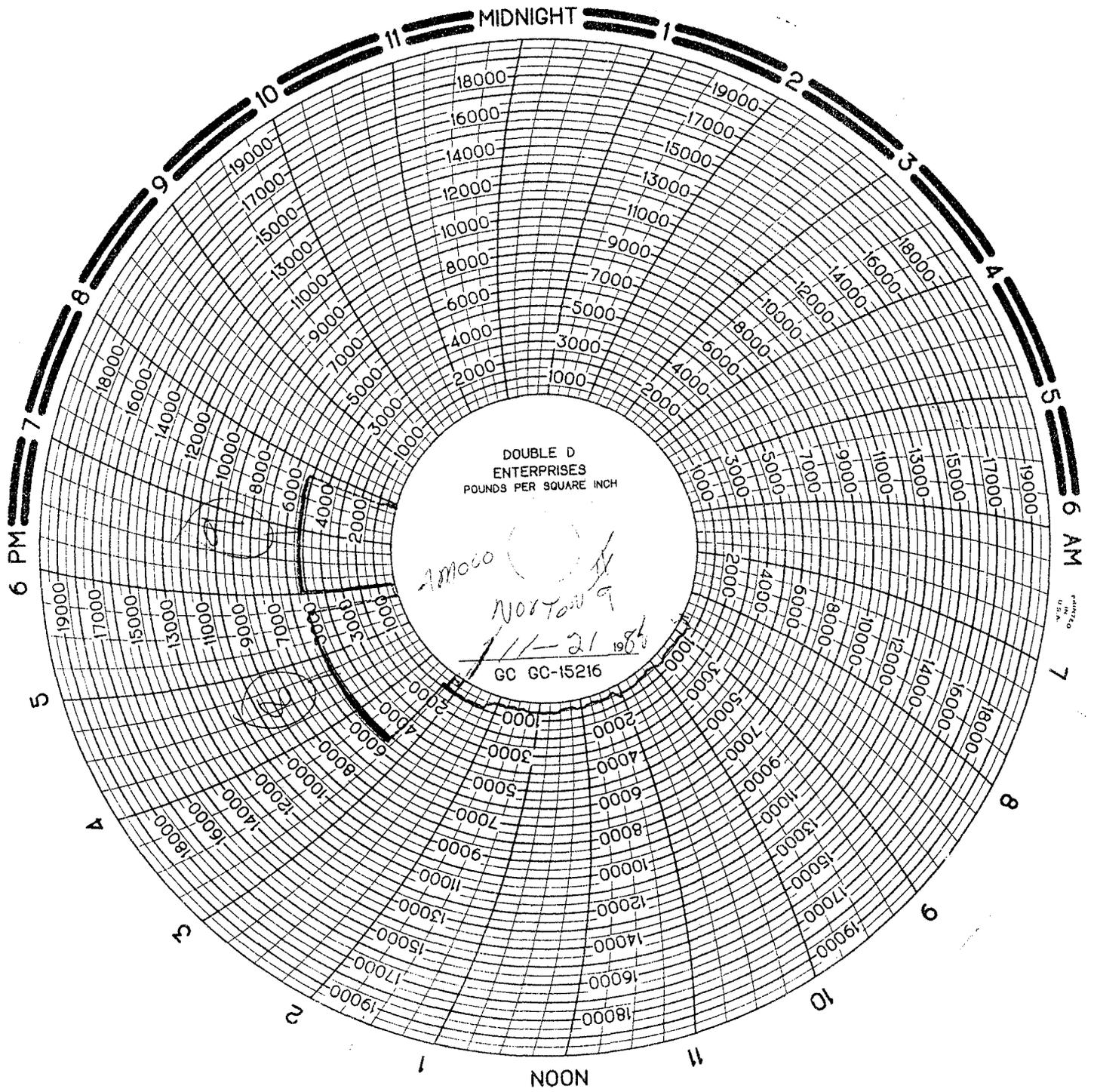
DOUBLE D
ENTERPRISES
POUNDS PER SQUARE INCH

Amoco

NOV 21 1984

GC GC-15216

PRINTED
IN THE
U.S.A.



DOUBLE D
ENTERPRISES
POUNDS PER SQUARE INCH

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IN U.S.A.

FLOPETROL JOHNSTON

Schlumberger

WELL PERFORMANCE TEST REPORT

A Production Systems Analysis (NODAL)
Based On
Drillstem Test Data

Test Date
12-15-84

Report No.:
42982 E

COMPANY
AMOCO PROD. CO.

WELL
CHAMPLIN 458 I

TEST IDENTIFICATION
Test Type OPEN HOLE
Test Number 2
Formation NUGGET
Test Interval 15166 - 15382 FT.
Reference Depth KELLY BUSHING

WELL LOCATION
Field..... ARE
County..... SUMMIT
State..... UTAH
Sec / Twn / Rng S29 T4N R8E
Elevation..... NOT GIVEN

HOLE CONDITIONS
Total Depth (MVD/TVD) 15382 FT.
Hole Size / Deviation Angle 8 1/2" / STRAIGHT
Csg / Liner ID NA
Perf'd Interval NA
Shot Density / Phasing NA
Gun Type / Perf Cond NA

MUD PROPERTIES
Mud Type EZ OIL
Mud Weight 8.2 LB/GAL
Mud Resistivity NA
Filtrate Resistivity NA
Filtrate Chlorides NA
Filtrate Nitrates..... NA

INITIAL TEST CONDITIONS
Gas Cushion Type NONE
Surface Pressure NA
Liquid Cushion Type WATER
Height Above DST Valve 4000 FT.

TEST STRING CONFIGURATION
14367 FT. / 4.4 IN.
Pipe Length / ID 564 FT. / 4.27 IN.
Collar Length / ID 184 FT. / 2.37 IN.
Packer Depth(s)..... 15159 & 15166 FT.
BH Choke Size..... 15/16 IN.

NET PIPE RECOVERY

Volume	Fluid Type	Physical Properties
0.13 BBL	OIL	ASSUMED 40° API
32.52 BBL	WATER	800 PPM CL.
1.46 BBL	MUD	

NET SAMPLE CHAMBER RECOVERY

Volume	Fluid Type	Physical Properties
6.3 SCE	GAS	CORRECTED TO PWF
250 CC	OIL	ASSUMED 40° API
1050 CC	WATER	8.5 DHM -M @ 54°F
		800 PPM CL.
Pressure: 1000 PSI GOR: 4003.74 GLR: 769.95		

INTERPRETATION RESULTS SLUG TEST TYPE CURVE ANALYSIS
Reservoir Pressure @Gauge Depth: 5751 PSIA
Gauge Depth 15171 FT.
Hydrostatic Gradient 0.379 PSI/FT
Potentiometric Surface UNDETERMINED
Effective Permeability to LIQUID 0.0157 MD.*
Transmissibility 13.259 MD.-FT./CP.*
Skin Factor / ~~20000000~~ -0.6177*
Omega / Lambda (20 System)..... HOMOGENEOUS
Radius of Investigation 11 FT.*
Measured Wellbore Storage 3.39E-04

SOCK / FLUID / WELLBORE PROPERTIES
Reservoir Temperature 236°F
Analysis Fluid Type..... TOTAL LIQUID
Formation Volume Factor 1.6087 RVB/STB
Viscosity 0.2008 CP.
Z-Factor (gas only)..... --
Net Pay..... 170 FT.
Porosity ASSUMED 10%
Total System Compressibility..... 5.3E-05 1/PSI
Wellbore Radius..... .354 FT.
Expected Wellbore Storage..... 2.017E-03

FLOW RATE DURING DST
196.06 BLPD avg. / 99.2 BLPD last rate

MAXIMUM FLOW RATE POTENTIAL AFTER COMPLETION [* PLEASE REFER TO LETTER NEXT PAGE]
NOTE: NO COMPLETION DESIGN NODAL PLOTS HAVE BEEN GENERATED HERE DUE TO THE NATURE OF THE PRODUCED FLUID, 81% WATER.
This rate is based on a specific completion design & producing time. Call FJS for details.

FJS-5 B14059

FLOPETROL JOHNSTON

Schlumberger

FLOPETROL JOHNSTON
A DIVISION OF SCHLUMBERGER TECHNOLOGY CORPORATION
WESTERN REGION • 1745 STOUT, SUITE 300 • DENVER, CO 80202
(303) 623-0760

JANUARY 4, 1984

GENTLEMEN:

DST #2 ON CHAMPLIN 458 I IN SUMMIT COUNTY, UTAH, WAS A MECHANICALLY SUCCESSFUL TEST OF THE NUGGET FORMATION, IN SPITE OF THE FACT THAT THE FINAL SHUT-IN PERIOD WAS MISSED. THE DATA OBTAINED FROM THE PIPE FILL-UP RECORDER WAS ANALYZED USING THE SLUG TEST TYPE CURVE TO DETERMINE RESERVOIR PARAMETERS OF KH/μ , AND SKIN. THE RESULTS OF THE ANALYSIS YIELDED THE FOLLOWING:

KH/μ , TRANSMISSIBILITY = 13.259 MD.-FT./CP.

K, PERMEABILITY EFFECTIVE TO LIQUID = 0.0157 MD.

SKIN FACTOR = -0.6177

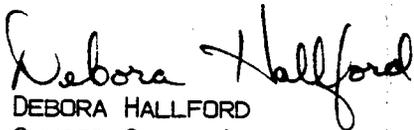
RADIUS OF INVESTIGATION = 11 FT.

FROM OUR EXPERIENCE IT IS FELT THAT THESE RESERVOIR PARAMETERS SHOULD BE USED WITH CAUTION, AS THE RADIUS OF INVESTIGATION IS VERY SHORT (11 FT.), AND THE SKIN FACTOR CALCULATED IS NEGLIGIBLE (-0.6177), WHICH MAY INDICATE THAT ONLY THE DAMAGED ZONE WAS "SEEN" ON THIS TEST.

FOR THIS REASON, AND DUE TO THE NATURE OF THE PRODUCED FLUID, 81% WATER, NO COMPLETION DESIGN (NODAL) PLOTS HAVE BEEN GENERATED FOR THIS TEST.

SHOULD YOU HAVE ANY QUESTIONS OR COMMENTS PLEASE CONTACT ME.

SINCERELY,



DEBORA HALLFORD
SENIOR CHART ANALYST
DENVER RESERVOIR EVALUATION DEPT.
FLOPETROL JOHNSTON/SCHLUMBERGER

:DH

In making any interpretation, our employees will give Customer the benefit of their best judgment as to the correct interpretation. Nevertheless, since all interpretations are opinions based on inferences from electrical, mechanical or other measurements, we cannot, and do not guarantee the accuracy or correctness of any interpretations, and we shall not be liable or responsible, except in the case of gross or wilful negligence on our part, for any loss, costs, damages or expenses incurred or sustained by Customer resulting from any interpretation made by any of our agents or employees.

BOTTOMHOLE PRESSURE LOG

FIELD REPORT NO. 42982E

COMPANY : AMOCO PRODUCTION COMPANY

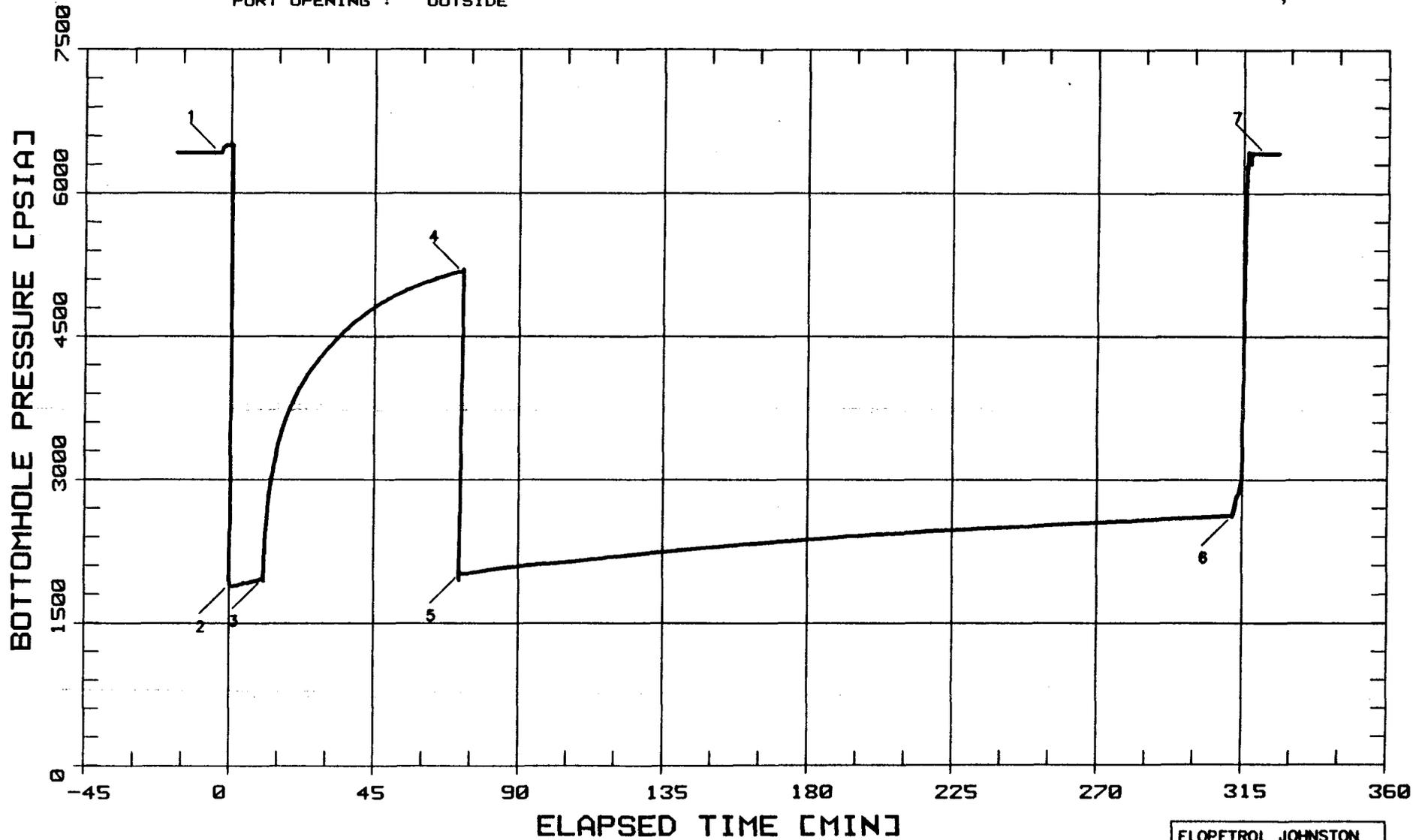
INSTRUMENT NO. J-1318

WELL : CHAMPLIN 458 I

DEPTH : 15171 FT

CAPACITY : 9000 PSI

PORT OPENING : OUTSIDE



FLOPETROL JOHNSTON
SCHLUMBERGER

BOTTOMHOLE PRESSURE LOG

FIELD REPORT NO. 42982E

COMPANY : AMOCO PRODUCTION COMPANY

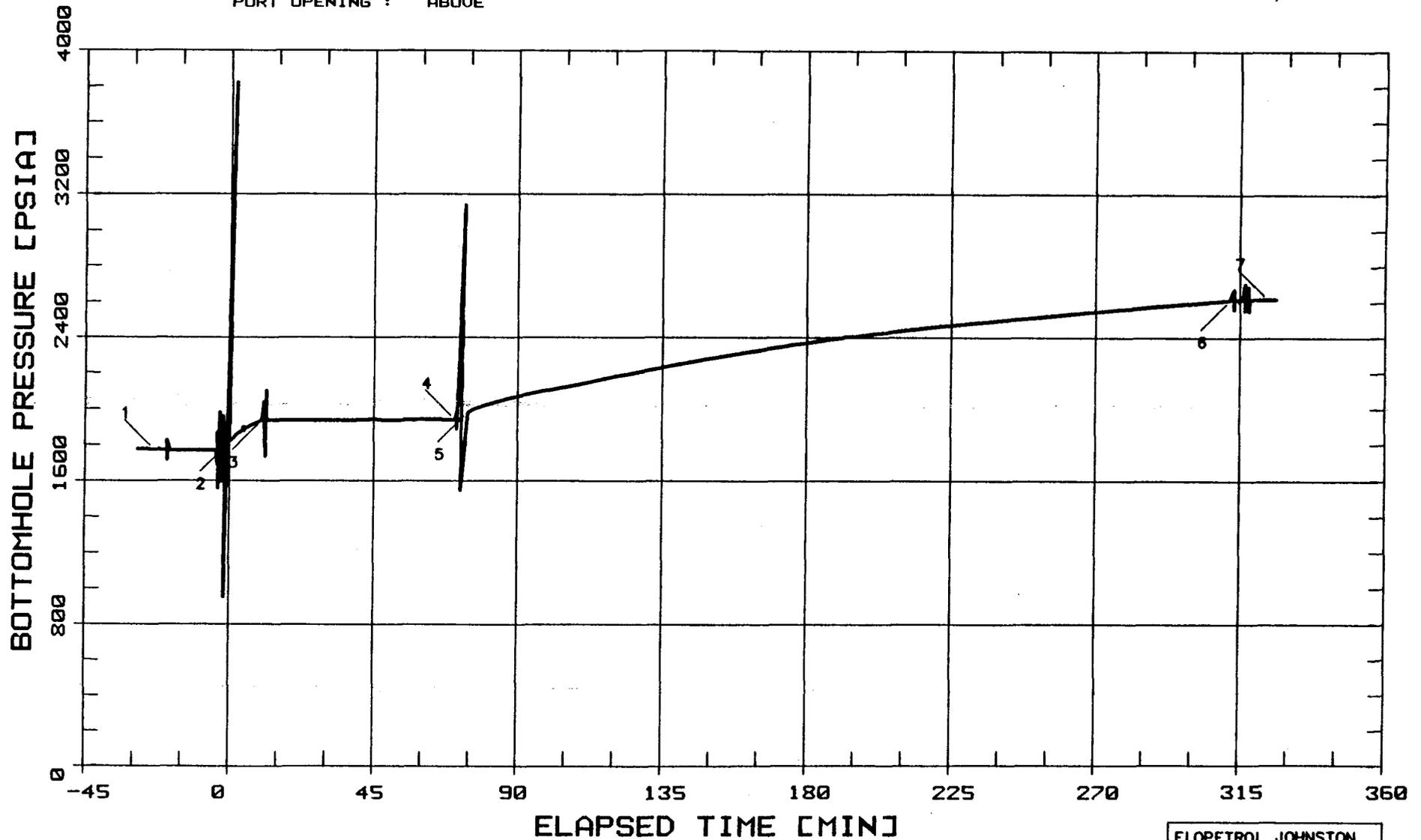
INSTRUMENT NO. J-1928

WELL : CHAMPLIN 458 I

DEPTH : 15121 FT

CAPACITY : 6400 PSI

PORT OPENING : ABOVE



FLOPETROL JOHNSTON
SCHLUMBERGER

DST EVENT SUMMARY

Field Report # 42982 E

DATE (M/D/Y)	TIME (HR:MIN)	EVENT ET. (MIN)	EVENT DESCRIPTION	LABEL PT. #	SURFACE PRESSURE (PSIG)	FLOOR MANIFOLD CHOKE SIZE (64ths INCH)
12-15-84	0755	—	SET PACKER	1		1/4" BUBBLE HOSE
	0756	—	OPENED TEST TOOL FOR INITIAL FLOW	2		"
			3" BLOW IN WATER			
	0802		9" BLOW IN WATER			"
	0806	—	CLOSED TEST TOOL FOR INITIAL SHUT-IN	3		"
			10" BLOW IN WATER			
	0906		FINISHED SHUT-IN	4		"
	0908	—	OPENED TEST TOOL FOR FINAL FLOW	5		"
			1" BLOW IN WATER			
	0918		9" BLOW IN WATER			"
	0948		19" BLOW			OZ. GAUGE
	0958		22" BLOW			"
	1008		24" BLOW			"
	1018		27" BLOW			"
	1028		30" BLOW			"
	1048		35" BLOW			"
	1058		37" BLOW			"
	1108	—	ATTEMPTED TO CLOSE TOOL			"
			39" BLOW			
	1308	—	FINISHED FINAL FLOW	6		"
	1309	—	UNSEATED PACKER	7		—
	1645	—	REVERSED OUT (PUMP PRESSURE = 75 PSIG)			
	2000		FINISHED REVERSING			
		—	BEGAN TRIP OUT OF HOLE			

 * WELL TEST DATA PRINTOUT *

FIELD REPORT # : 42982E
 COMPANY : AMOCO PRODUCTION COMPANY
 WELL : CHAMPLIN 458 I

INSTRUMENT # : J-1318
 CAPACITY [PSI] : 9000.
 DEPTH [FT] : 15171.0
 PORT OPENING : OUTSIDE
 TEMPERATURE [DEG F] : 236.0

LABEL POINT INFORMATION

#	TIME OF DAY HH:MM:SS	DATE DD-MM	EXPLANATION	ELAPSED TIME, MIN	BOT HOLE PRESSURE PSIA
1	7:52:15	15-DC	HYDROSTATIC MUD	-3.98	6424
2	7:56:00	15-DC	START FLOW	0.00	1902
3	8:06:18	15-DC	END FLOW & START SHUT-IN	10.30	1960
4	9:08:00	15-DC	END SHUT-IN	72.00	5170
5	9:07:50	15-DC	START FLOW	71.83	2015
6	13:08:00	15-DC	END FLOW	312.00	2621
7	13:17:35	15-DC	HYDROSTATIC MUD	321.59	6418

SUMMARY OF FLOW PERIODS

PERIOD	START ELAPSED TIME, MIN	END ELAPSED TIME, MIN	DURATION MIN	START PRESSURE PSIA	END PRESSURE PSIA
1	0.00	10.30	10.30	1902	1960
2	71.83	312.00	240.17	2015	2621

SUMMARY OF SHUTIN PERIODS

PERIOD	START ELAPSED TIME, MIN	END ELAPSED TIME, MIN	DURATION MIN	START PRESSURE PSIA	END PRESSURE PSIA	FINAL FLOW PRESSURE PSIA	PRODUCING TIME, MIN
1	10.30	72.00	61.70	1960	5170	1960	10.30

TEST PHASE : FLOW PERIOD # 1

TIME OF DAY	DATE	ELAPSED TIME, MIN	DELTA TIME, MIN	BOT HOLE PRESSURE PSIA
HH:MM:SS	DD-MM	*****	*****	*****
7:56:0	15-DC	0.00	0.00	1902
8:01:0	15-DC	5.00	5.00	1918
8:06:0	15-DC	10.00	10.00	1957
8:06:18	15-DC	10.30	10.30	1960

TEST PHASE : SHUTIN PERIOD # 1

FINAL FLOW PRESSURE [PSIA] = 1960

PRODUCING TIME [MIN] = 10.30

TIME OF DAY	DATE	ELAPSED TIME, MIN	DELTA TIME, MIN	BOT HOLE PRESSURE PSIA	DELTA P PSI	LOG HORNER TIME
HH:MM:SS	DD-MM	*****	*****	*****	*****	*****
8:06:18	15-DC	10.30	0.00	1960	0	
8:07:18	15-DC	11.30	1.00	2501	541	1.053
8:08:18	15-DC	12.30	2.00	2863	903	0.789
8:09:18	15-DC	13.30	3.00	3085	1125	0.647
8:10:18	15-DC	14.30	4.00	3261	1301	0.553
8:11:18	15-DC	15.30	5.00	3404	1444	0.486
8:12:18	15-DC	16.30	6.00	3520	1560	0.434
8:13:18	15-DC	17.30	7.00	3624	1664	0.393
8:14:18	15-DC	18.30	8.00	3715	1756	0.359
8:15:18	15-DC	19.30	9.00	3795	1835	0.331
8:16:18	15-DC	20.30	10.00	3867	1907	0.307
8:18:18	15-DC	22.30	12.00	3995	2036	0.269
8:20:18	15-DC	24.30	14.00	4107	2147	0.239
8:22:18	15-DC	26.30	16.00	4200	2240	0.216
8:24:18	15-DC	28.30	18.00	4290	2330	0.197
8:26:18	15-DC	30.30	20.00	4368	2408	0.180
8:28:18	15-DC	32.30	22.00	4442	2482	0.167
8:30:18	15-DC	34.30	24.00	4512	2552	0.155
8:32:18	15-DC	36.30	26.00	4574	2614	0.145
8:34:18	15-DC	38.30	28.00	4634	2674	0.136
8:36:18	15-DC	40.30	30.00	4687	2727	0.128
8:41:18	15-DC	45.30	35.00	4807	2847	0.112
8:46:18	15-DC	50.30	40.00	4906	2946	0.100
8:51:18	15-DC	55.30	45.00	4986	3026	0.090
8:56:18	15-DC	60.30	50.00	5055	3095	0.081
9:01:18	15-DC	65.30	55.00	5112	3152	0.075
9:06:18	15-DC	70.30	60.00	5165	3205	0.069
9:08:0	15-DC	72.00	61.70	5170	3210	0.067

TEST PHASE : FLOW PERIOD # 2

TIME OF DAY	DATE	ELAPSED TIME, MIN	DELTA TIME, MIN	BOT HOLE PRESSURE PSIA
HH:MM:SS	DD-MM	*****	*****	*****
9: 7:50	15-DC	71.83	0.00	2015
9:12:50	15-DC	76.83	5.00	2028
9:17:50	15-DC	81.83	10.00	2056
9:22:50	15-DC	86.83	15.00	2080
9:27:50	15-DC	91.83	20.00	2098
9:32:50	15-DC	96.83	25.00	2113
9:37:50	15-DC	101.83	30.00	2124
9:42:50	15-DC	106.83	35.00	2140
9:47:50	15-DC	111.83	40.00	2159
9:52:50	15-DC	116.83	45.00	2178
9:57:50	15-DC	121.83	50.00	2196
10: 2:50	15-DC	126.83	55.00	2212
10: 7:50	15-DC	131.83	60.00	2230
10:12:50	15-DC	136.83	65.00	2246
10:17:50	15-DC	141.83	70.00	2262
10:22:50	15-DC	146.83	75.00	2279
10:27:50	15-DC	151.83	80.00	2293
10:32:50	15-DC	156.83	85.00	2307
10:37:50	15-DC	161.83	90.00	2321
10:42:50	15-DC	166.83	95.00	2335
10:47:50	15-DC	171.83	100.00	2348
10:52:50	15-DC	176.83	105.00	2361
10:57:50	15-DC	181.83	110.00	2374
11: 2:50	15-DC	186.83	115.00	2387
11: 7:50	15-DC	191.83	120.00	2402
11:12:50	15-DC	196.83	125.00	2411
11:17:50	15-DC	201.83	130.00	2423
11:22:50	15-DC	206.83	135.00	2434
11:27:50	15-DC	211.83	140.00	2444
11:32:50	15-DC	216.83	145.00	2453
11:37:50	15-DC	221.83	150.00	2463
11:42:50	15-DC	226.83	155.00	2473
11:47:50	15-DC	231.83	160.00	2482
11:52:50	15-DC	236.83	165.00	2492
11:57:50	15-DC	241.83	170.00	2500
12: 2:50	15-DC	246.83	175.00	2507
12: 7:50	15-DC	251.83	180.00	2516
12:12:50	15-DC	256.83	185.00	2525
12:17:50	15-DC	261.83	190.00	2534
12:22:50	15-DC	266.83	195.00	2543
12:27:50	15-DC	271.83	200.00	2551
12:32:50	15-DC	276.83	205.00	2559
12:37:50	15-DC	281.83	210.00	2567
12:42:50	15-DC	286.83	215.00	2577
12:47:50	15-DC	291.83	220.00	2587
12:52:50	15-DC	296.83	225.00	2596
12:57:50	15-DC	301.83	230.00	2605
13: 2:50	15-DC	306.83	235.00	2613
13: 7:50	15-DC	311.83	240.00	2621

TEST PHASE : FLOW PERIOD # 2

TIME OF DAY	DATE	ELAPSED TIME, MIN	DELTA TIME, MIN	BOT HOLE PRESSURE PSIA
13: 8: 0	15-DC	312.00	240.17	2621

 * WELL TEST DATA PRINTOUT *

FIELD REPORT # : 42982E

COMPANY : AMOCO PRODUCTION COMPANY
 WELL : CHAMPLIN 458 I

INSTRUMENT # : J-1928
 CAPACITY [PSI] : 6400.
 DEPTH [FT] : 15121.0
 PORT OPENING : ABOVE
 TEMPERATURE [DEG F] : 236.0

LABEL POINT INFORMATION

#	TIME OF DAY DATE HH:MM:SS DD-MM	EXPLANATION	ELAPSED TIME, MIN	BOT HOLE PRESSURE PSIA
1	7:32:20 15-DC	HYDROSTATIC MUD	-23.67	1771
2	7:56: 0 15-DC	START FLOW	0.00	1813
3	8: 6: 2 15-DC	END FLOW & START SHUT-IN	10.03	1934
4	9: 6:20 15-DC	END SHUT-IN	70.34	1938
5	9:10:24 15-DC	START FLOW	74.40	1980
6	13: 8: 0 15-DC	END FLOW	312.00	2611
7	13:19:49 15-DC	HYDROSTATIC MUD	323.82	2618

SUMMARY OF FLOW PERIODS

PERIOD	START ELAPSED TIME, MIN	END ELAPSED TIME, MIN	DURATION MIN	START PRESSURE PSIA	END PRESSURE PSIA
1	0.00	10.03	10.03	1813	1934
2	74.40	312.00	237.60	1980	2611

SUMMARY OF SHUTIN PERIODS

PERIOD	START ELAPSED TIME, MIN	END ELAPSED TIME, MIN	DURATION MIN	START PRESSURE PSIA	END PRESSURE PSIA	FINAL FLOW PRESSURE PSIA	PRODUCING TIME, MIN
1	10.03	70.34	60.31	1934	1938	1934	10.03

TEST PHASE : FLOW PERIOD # 1

TIME OF DAY	DATE	ELAPSED TIME, MIN	DELTA TIME, MIN	BOT HOLE PRESSURE PSIA
HH:MM:SS	DD-MM	*****	*****	*****
7:56: 0	15-DC	0.00	0.00	1813
8: 1: 0	15-DC	5.00	5.00	1890
8: 6: 0	15-DC	10.00	10.00	1934
8: 6: 2	15-DC	10.03	10.03	1934

TEST PHASE : SHUTIN PERIOD # 1

FINAL FLOW PRESSURE [PSIA] = 1934

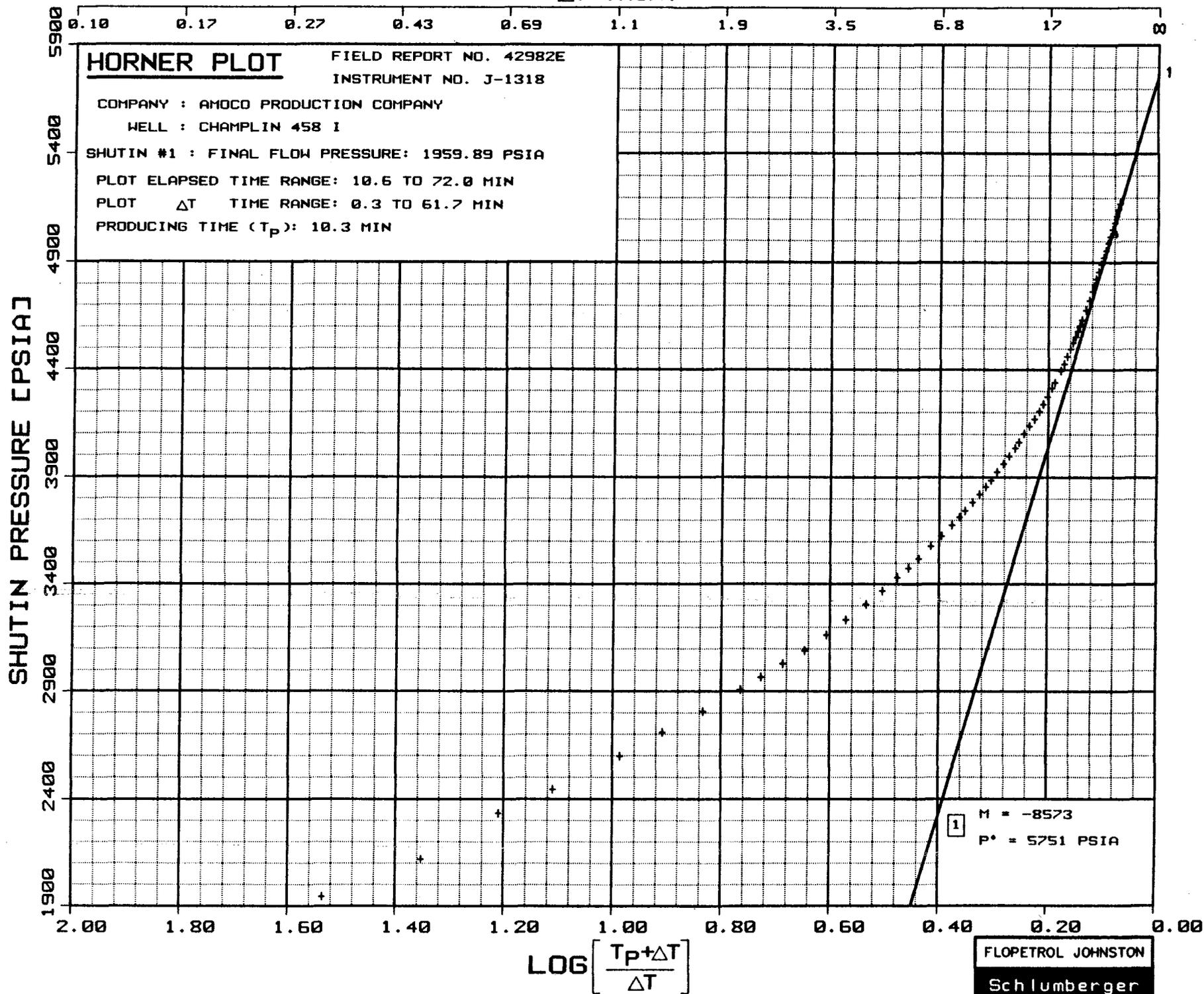
PRODUCING TIME [MIN] = 10.03

TIME OF DAY	DATE	ELAPSED TIME, MIN	DELTA TIME, MIN	BOT HOLE PRESSURE PSIA	DELTA P PSI	LOG HORNER TIME
HH:MM:SS	DD-MM	*****	*****	*****	*****	*****
8: 6: 2	15-DC	10.03	0.00	1934	0	
8: 7: 2	15-DC	11.03	1.00	1775	-159	1.043
8: 8: 2	15-DC	12.03	2.00	1935	1	0.779
8: 9: 2	15-DC	13.03	3.00	1935	1	0.638
8:10: 2	15-DC	14.03	4.00	1935	1	0.545
8:11: 2	15-DC	15.03	5.00	1935	1	0.478
8:12: 2	15-DC	16.03	6.00	1935	1	0.427
8:13: 2	15-DC	17.03	7.00	1935	1	0.386
8:14: 2	15-DC	18.03	8.00	1935	1	0.353
8:15: 2	15-DC	19.03	9.00	1935	1	0.325
8:16: 2	15-DC	20.03	10.00	1935	1	0.302
8:18: 2	15-DC	22.03	12.00	1935	1	0.264
8:20: 2	15-DC	24.03	14.00	1935	1	0.235
8:22: 2	15-DC	26.03	16.00	1935	1	0.211
8:24: 2	15-DC	28.03	18.00	1935	1	0.192
8:26: 2	15-DC	30.03	20.00	1935	1	0.177
8:28: 2	15-DC	32.03	22.00	1935	1	0.163
8:30: 2	15-DC	34.03	24.00	1935	1	0.152
8:32: 2	15-DC	36.03	26.00	1935	1	0.142
8:34: 2	15-DC	38.03	28.00	1935	1	0.133
8:36: 2	15-DC	40.03	30.00	1936	2	0.125
8:41: 2	15-DC	45.03	35.00	1939	5	0.109
8:46: 2	15-DC	50.03	40.00	1935	1	0.097
8:51: 2	15-DC	55.03	45.00	1936	2	0.087
8:56: 2	15-DC	60.03	50.00	1939	5	0.079
9: 1: 2	15-DC	65.03	55.00	1939	5	0.073
9: 6: 2	15-DC	70.03	60.00	1938	4	0.067
9: 6:20	15-DC	70.34	60.31	1938	4	0.067

TEST PHASE : FLOW PERIOD # 2

TIME OF DAY	DATE	ELAPSED TIME, MIN	DELTA TIME, MIN	BOT HOLE PRESSURE PSIA
HH:MM:SS	DD-MM	*****	*****	*****
9:10:24	15-DC	74.40	0.00	1980
9:15:24	15-DC	79.40	5.00	2018
9:20:24	15-DC	84.40	10.00	2044
9:25:24	15-DC	89.40	15.00	2067
9:30:24	15-DC	94.40	20.00	2086
9:35:24	15-DC	99.40	25.00	2103
9:40:24	15-DC	104.40	30.00	2119
9:45:24	15-DC	109.40	35.00	2136
9:50:24	15-DC	114.40	40.00	2155
9:55:24	15-DC	119.40	45.00	2175
10: 0:24	15-DC	124.40	50.00	2193
10: 5:24	15-DC	129.40	55.00	2210
10:10:24	15-DC	134.40	60.00	2228
10:15:24	15-DC	139.40	65.00	2245
10:20:24	15-DC	144.40	70.00	2262
10:25:24	15-DC	149.40	75.00	2278
10:30:24	15-DC	154.40	80.00	2294
10:35:24	15-DC	159.40	85.00	2309
10:40:24	15-DC	164.40	90.00	2324
10:45:24	15-DC	169.40	95.00	2339
10:50:24	15-DC	174.40	100.00	2353
10:55:24	15-DC	179.40	105.00	2367
11: 0:24	15-DC	184.40	110.00	2381
11: 5:24	15-DC	189.40	115.00	2393
11:10:24	15-DC	194.40	120.00	2404
11:15:24	15-DC	199.40	125.00	2415
11:20:24	15-DC	204.40	130.00	2426
11:25:24	15-DC	209.40	135.00	2437
11:30:24	15-DC	214.40	140.00	2448
11:35:24	15-DC	219.40	145.00	2457
11:40:24	15-DC	224.40	150.00	2466
11:45:24	15-DC	229.40	155.00	2475
11:50:24	15-DC	234.40	160.00	2484
11:55:24	15-DC	239.40	165.00	2493
12: 0:24	15-DC	244.40	170.00	2501
12: 5:24	15-DC	249.40	175.00	2509
12:10:24	15-DC	254.40	180.00	2517
12:15:24	15-DC	259.40	185.00	2526
12:20:24	15-DC	264.40	190.00	2534
12:25:24	15-DC	269.40	195.00	2543
12:30:24	15-DC	274.40	200.00	2551
12:35:24	15-DC	279.40	205.00	2560
12:40:24	15-DC	284.40	210.00	2568
12:45:24	15-DC	289.40	215.00	2576
12:50:24	15-DC	294.40	220.00	2584
12:55:24	15-DC	299.40	225.00	2592
13: 0:24	15-DC	304.40	230.00	2600
13: 5:24	15-DC	309.40	235.00	2607
13: 8: 0	15-DC	312.00	237.60	2611

ΔT (MIN)



CLIENT : AMOCO PRODUCTION COMPANY

5-JAN-85

REGION : MID-CONT.

SLUG TEST DATA - FINAL FLOW

Field: ARE

DISTRICT: ROCK SPRNGS

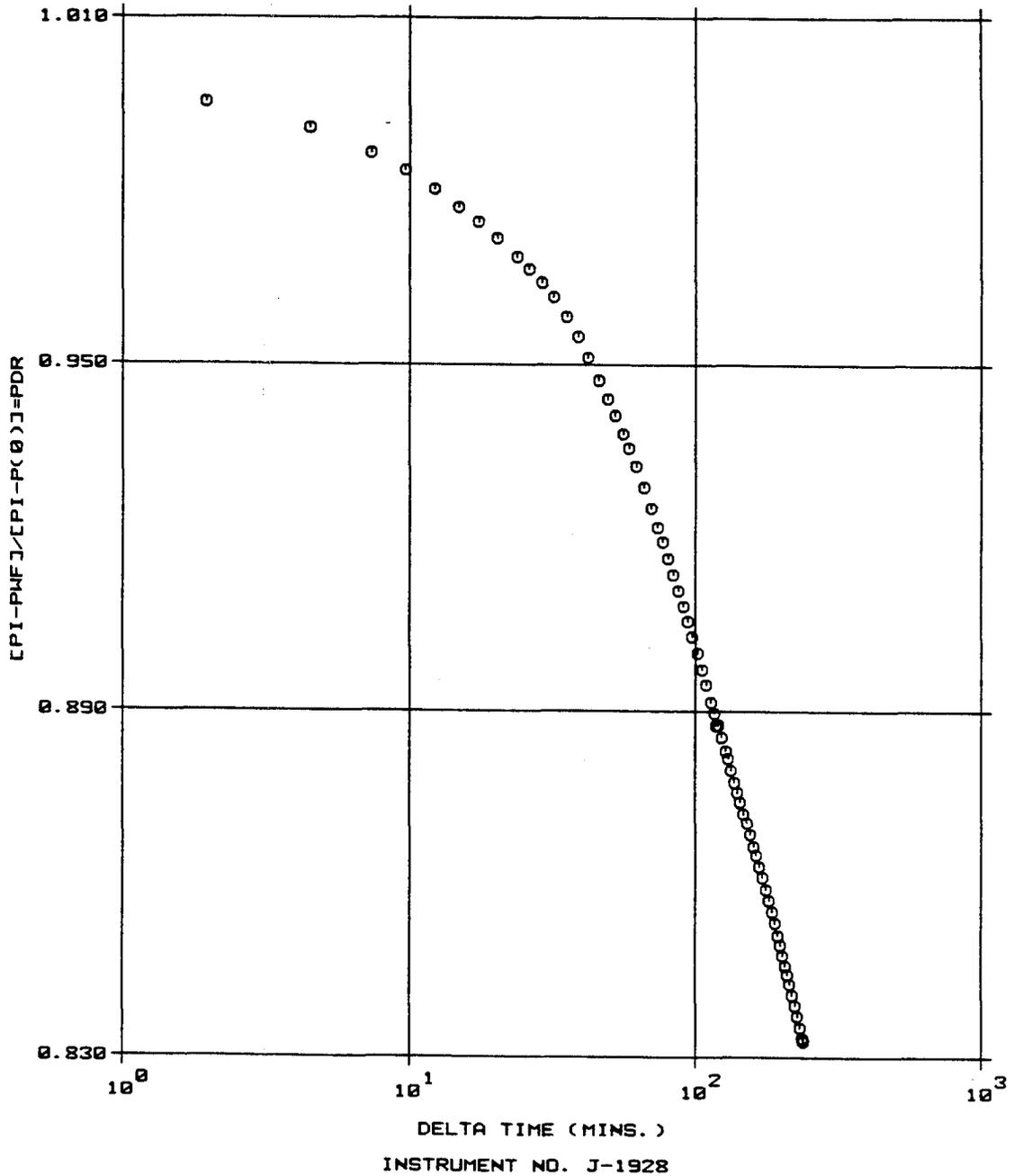
Zone : NUGGET

BASE : DENVER

Well : CHAMPLIN 458 I

Engr : D. HALLFORD

Location: S29 T4N R8E



INSTRUMENT NO. J-1928

SLUG TEST DATA - FFP

INSTRUMENT NO. J-1928

	DELTA TIME (MINS.)	$[\text{PI}-\text{PWF}]/[\text{PI}-\text{P}(0)]=\text{PDR}$
1	-0.00000E+00	0.99999
2	1.9600	0.99522
3	4.4800	0.99078
4	7.3300	0.98650
5	9.6500	0.98346
6	12.210	0.98017
7	14.820	0.97704
8	17.410	0.97449
9	20.240	0.97170
10	23.770	0.96849
11	26.180	0.96643
12	28.990	0.96405
13	31.790	0.96158
14	35.370	0.95821
15	38.830	0.95475
16	42.020	0.95113
17	45.960	0.94727
18	49.460	0.94398
19	52.480	0.94118
20	56.090	0.93797
21	58.650	0.93551
22	61.980	0.93238
23	66.070	0.92876
24	70.080	0.92514
25	73.850	0.92185
26	76.850	0.91930
27	80.260	0.91642
28	83.760	0.91363
29	87.200	0.91083
30	90.850	0.90812
31	94.060	0.90549
32	97.420	0.90285
33	101.34	0.89997
34	105.18	0.89710
35	108.83	0.89455
36	113.13	0.89150
37	116.35	0.88961
38	118.14	0.88755
39	120.26	0.88755
40	123.50	0.88542
41	127.76	0.88303
42	130.15	0.88172
43	133.44	0.87966
44	136.80	0.87760
45	140.16	0.87588

SLUG TEST DATA - FFP

INSTRUMENT NO. J-1928

	DELTA TIME (MINS.)	$[PI-PWF]/[PI-P(0)]=PDR$
46	143.59	0.87423
47	147.65	0.87217
48	151.23	0.87061
49	155.27	0.86884
50	159.57	0.86650
51	162.93	0.86502
52	167.02	0.86304
53	171.37	0.86115
54	176.27	0.85901
55	180.72	0.85712
56	185.31	0.85515
57	189.64	0.85318
58	193.94	0.85104
59	197.81	0.84939
60	201.85	0.84758
61	206.10	0.84577
62	209.49	0.84429
63	213.38	0.84265
64	217.80	0.84075
65	222.20	0.83894
66	226.46	0.83705
67	231.44	0.83508
68	236.13	0.83319
69	237.60	0.83269

1/7/85
1900 hrs.

Amoco - Steve James,
Evanston office

Champion 458 "I" # 1 (fee)

Sec. 29, TAN, RBE

Summit Co.

Current TD @ 16258'

- They are having hole problems, want
to TA pending evaluation.

Csg:

13³/₈" @ 4369'

9⁵/₈" x 10⁵/₈" @ 10567' Cement top @ 7500'

Hole size = 8¹/₂"

Proposed plugging:

- ① 15000' - 15700'. WOC, disp.
hole volume of oil based mud into
formation. (Nuggett top @ 15212')
- ② 10400' - 10700'. Tag plug.

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

SUBMIT IN TRIPLICATE*
(Obtain 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 checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. Fee
2. NAME OF OPERATOR AMOCO PRODUCTION COMPANY		6. IF INDIAN, ALLOTTED OR TRIBE NAME
3. ADDRESS OF OPERATOR P.O. BOX 829, EVANSTON, WYOMING 82930		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1324' FWL & 1330.3' FEL BHL - 239' FWL & 413' FEL		8. FARM OR LEASE NAME Champlin 458 Amoco I
14. PERMIT NO. 43-043-302959	15. ELEVATIONS (Show whether DF, ST, OR, etc.) 7527' GL	9. WELL NO. #1
		10. FIELD AND POOL, OR WILDCAT Wildcat
		11. SEC., T., S., M., OR BLK. AND SUBVY OR AREA Sec. 29, T4N, R8E
		12. COUNTY OR PARISH Summit
		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 checked="" type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	(Other) <input type="checkbox"/>

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

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

Well temporarily abandoned. Will reevaluate seismic and log data for possible re-entry.

Abandonment plugs set :

- 1) 15,700' - 14,900' with 150 sx to cover Nugget at 15,242'
- 2) 10,700' - 10,350' with 150 sx to cover 9 5/8" csg shoe @ 10,567'. This plug was tagged at 10,400' 4 1/2 hrs after setting
- 3) Installed blind flange with pressure gauge at surface

This confirms verbal approval received from John Baza of Utah Oil & Gas Commission at 1930 hrs on 01/07/85 to S. A. James of Amoco Production Co.

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

SIGNED *A. B. Blewett* TITLE District Drilling Engineer DATE 01-10-85

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____

CONDITIONS OF APPROVAL, IF ANY: APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING

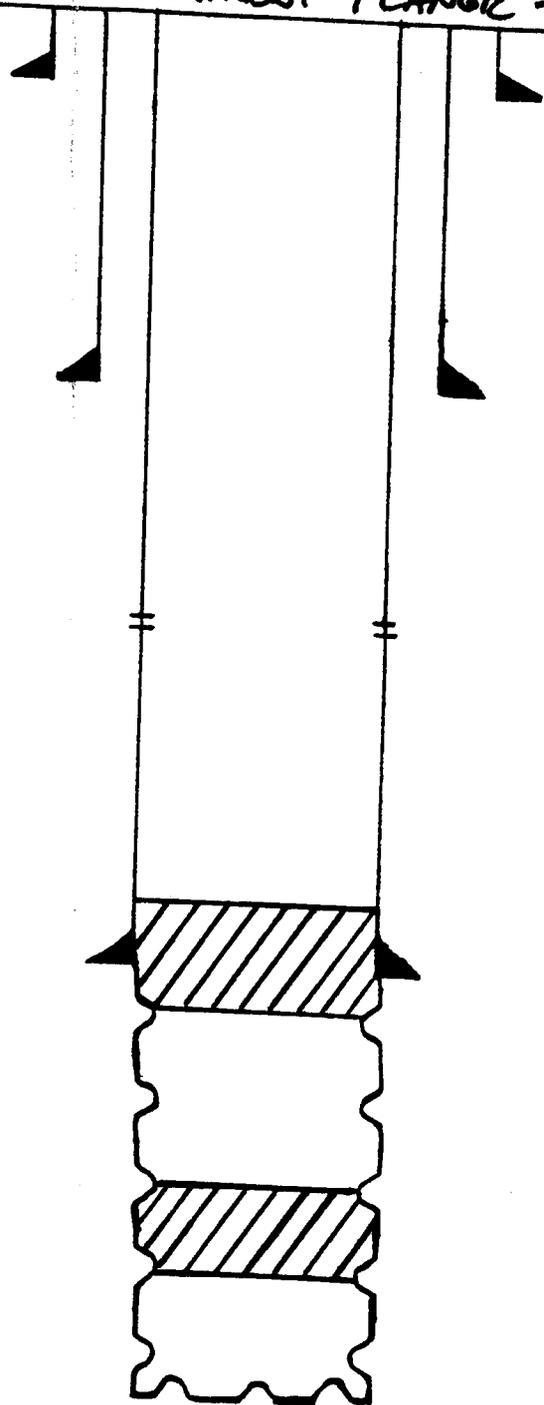
DATE: 1/17/85
BY: John R. Baza

*See Instructions on Reverse Side

PRESENT STATUS DRAWING
FINAL

WELL	Champlin 458I #1
FIELD	Anschutz Ranch East
LOCATION	Sec 29 T4N, R8E

- ABANDONMENT FLANGE -



20" Conductor

13 3/8" Casing Set @ 4,453'

DV Set @ 7,941'

Plug @ 10,400' to 10,700'

9 5/8" Casing Set @ 10,567'

Plug @ 14,900' to 15,700'

TD @ 16,258'

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

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

<p>1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER</p> <p>2. NAME OF OPERATOR AMOCO PRODUCTION COMPANY</p> <p>3. ADDRESS OF OPERATOR P.O. Box 829, Evanston, Wyoming 82930</p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1323.6' FNL & 1329.9' FEL</p>		<p>5. LEASE DESIGNATION AND SERIAL NO. Fee</p> <p>6. IF INDIAN, ALLOTTED OR TRIBE NAME</p> <p>7. UNIT AGREEMENT NAME Anschutz Ranch East</p> <p>8. FARM OR LEASE NAME Champlin 458 "I"</p> <p>9. WELL NO. #1</p> <p>10. FIELD AND POOL, OR WILDCAT Anschutz Ranch East</p> <p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 29, T4N, R8E</p> <p>12. COUNTY OR PARISH 13. STATE Summit Utah</p>
<p>14. PERMIT NO. 43-043-30259</p>	<p>15. ELEVATIONS (Show whether DF, ST, GR, etc.) 7550' GR</p>	

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>Report of Operations</u> <input type="checkbox"/>	
(Other) <input type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

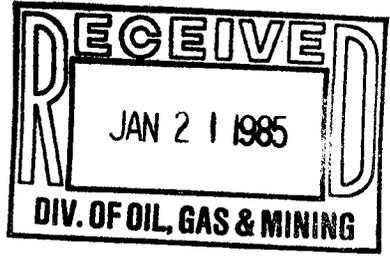
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to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

Date of Sundry: 01-09-85

Spud Date: 07-16-84

Total Depth: 16,258'

Drilling Contractor: Norton 9



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

SIGNED *Deuis H. Soyuz* TITLE Administrative Supervisor DATE 01-09-85

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY: _____

Client MoeCo Sump Treatment Sample No. 12236
Address P.O. Box 3303 Evergreen, CO 80439 ATTN: Jim McCook (Assigned by Lab)
Source Amoco 458I-1 Location _____
Date/Time Collected _____ Date/Time Received 2/28/85

CATIONS				ANIONS					
		Price	meq/l	mg/l		Price	meq/l	mg/l	
Sodium	(Na)	\$3.50	<u>124.30</u>	<u>2900</u>	Chloride	(Cl)	\$4.00	<u>451.34</u>	<u>16000</u>
Potassium	(K)	\$3.50	<u>6.16</u>	<u>240</u>	Fluoride	(F)	\$4.00	<u>0.04</u>	<u>0.79</u>
Magnesium	(Mg)	\$5.00	<u>7.00</u>	<u>85</u>	Nitrate	(NO ₃ -N)	\$5.00	_____	_____
Calcium	(Ca)	\$5.00	<u>299.40</u>	<u>6000</u>	Sulfate	(SO ₄)	\$7.50	<u>14.56</u>	<u>699</u>
_____	_____	_____	_____	_____	Carbonate	(CO ₃)	\$3.00	_____	LT <u>0.1</u>
_____	_____	_____	_____	_____	Bicarbonate	(HCO ₃)	\$3.00	<u>3.44</u>	<u>210</u>
TOTAL				<u>436.86</u>	TOTAL				<u>469.38</u>

Trace Element Analyses			Other Constituents				
		Price	mg/l		Price	mg/l	
Aluminum	(Al)	\$8.00	_____	pH	\$2.50	<u>8.29</u>	
Arsenic	(As)	\$15.00	<u>0.043</u>	Conductivity	(umhos@25°C)	\$2.50	<u>15000</u>
Barium	(Ba)	\$8.00	LT <u>10*</u>	Total Alkalinity	(CaCO ₃)	\$3.00	<u>170</u>
Beryllium	(Be)	\$8.00	_____	Hardness	(CaCO ₃)	\$2.50	_____
Boron	(B)	\$7.00	<u>7.6</u>	Total Dissolved Solids	(180°C)	\$3.50	<u>25700</u>
Cadmium	(Cd)	\$6.00	_____	Suspended Solids	(103°C)	\$3.00	<u>86800</u>
Chromium	(Cr)	\$6.00	LT <u>0.05</u>	Total Solids	(103°C)	\$3.00	<u>93400</u>
Cobalt	(Co)	\$6.00	_____	Ortho-Phosphate	(PO ₄ -P)	\$6.00	_____
Copper	(Cu)	\$6.00	_____	Total Phosphate	(PO ₄ -P)	\$8.00	_____
Cyanide	(CN)	\$6.00	_____	Ammonia	(NH ₃ -N)	\$5.00	_____
Iron	(Fe)	\$6.00	_____	Total Kjeldahl Nitrogen	(TKN-N)	\$12.00	_____
Lead	(Pb)	\$6.00	_____	Sulfide	(S)	\$6.00	_____
Manganese	(Mn)	\$6.00	_____	Sulfite	(SO ₃)	\$3.00	_____
Mercury	(Hg)	\$15.00	_____	Tetrathionate	(S ₄ O ₆ -S)	\$10.00	_____
Nickel	(Ni)	\$6.00	<u>0.1</u>	Thiocyanate	(SCN-S)	\$10.00	_____
Selenium	(Se)	\$15.00	<u>0.048</u>	Thiosulfate	(S ₂ O ₃ -S)	\$10.00	_____
Silica	(SiO ₂)	\$10.00	_____	Oil and Grease	(Freon Ext.)	\$18.00	_____
Silver	(Ag)	\$6.00	_____	Chemical Oxygen Demand	(C.O.D.)	\$7.00	_____
Strontium	(Sr)	\$6.00	_____	Chlorophyll A		\$10.00	_____
Uranium	(U)	\$12.00	_____	Residual Chlorine	(Cl ₂)	\$2.50	_____
Vanadium	(V)	\$9.00	_____	Dissolved Oxygen	(O ₂)	\$3.00	_____
Zinc	(Zn)	\$6.00	<u>2.6</u>	B.O.D.	(5 day @ 20°C)	\$7.00	_____

*Diluted to avoid interference.

Sample Prep Fee \$60.00

Fecal Coliform	(per 100 ml-MF)	\$5.00	_____
Total Coliform	(per 100 ml-MF)	\$5.00	_____

LT = Less Than

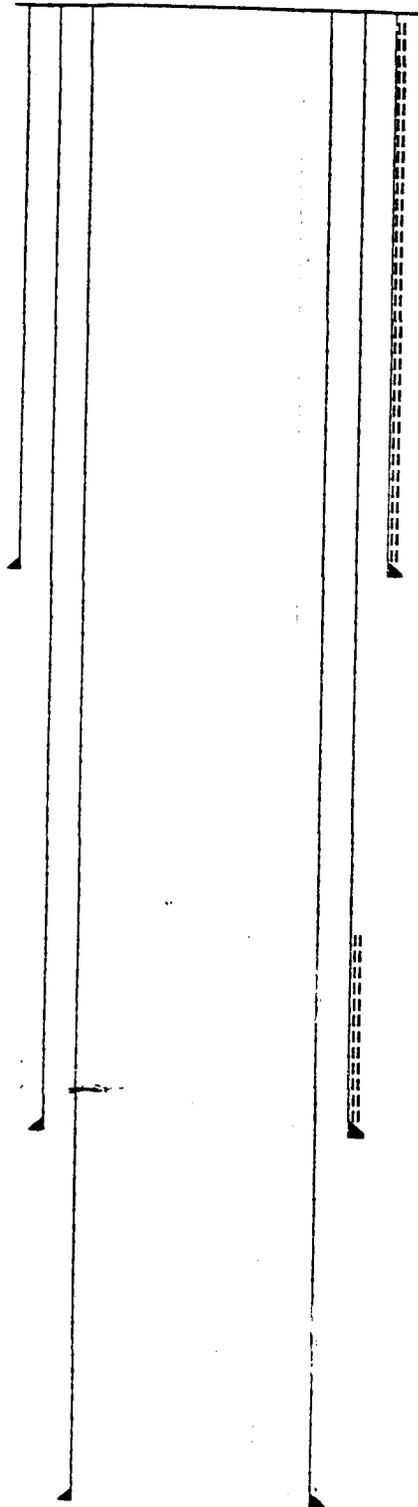
Charge: \$179.00 Date Completed 3/25/85

LOCATION: Champlin 458 "I" #1

DATE: 3/9/85

SUBJECT: Wellbore Diagram

BY: Carl Disel



Cement to surface

Cemented w/ lead - 2800 sx 50/50 poz tail
500 sx Class A

13 5/8" 88.2#

CSAQ 4454'

Cement 9765'

Top

10 5/8" 101.4# 9 5/8" 47# 53.5#

CSAQ 10,567'

note: ===== cement

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

SUBMIT IN TRIPPLICATE*
(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.)

RECEIVED

APR 11 1985

DIVISION OF OIL
GAS & MINING

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. Fee
2. NAME OF OPERATOR AMOCO PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P. O. BOX 829, EVANSTON, WYOMING 82930		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with State Requirements. See also space 17 below.) At surface 1324' FWL & 1330.3' FEL BHL - 239' FWL & 413' FEL		8. FARM OR LEASE NAME Champlin 458 "I"
14. PERMIT NO. 43-043-302959	15. ELEVATIONS (Show whether DP, ST, OR, etc.) 7527' GL	9. WELL NO. #1
		10. FIELD AND POOL, OR WILDCAT Wildcat
		11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA Sec. 29, T4N, R8E
		12. COUNTY OR PARISH Summit
		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) <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.)*

Propose to pump and dispose of reserve pit fluid downhole between 13 3/8" and 9 5/8" casing annulus

Formation and casing tests: 13 3/8" casing to 1000 psi and open hole shoe to 3206 psi BHP leak off
9 5/8" casing to 2500 psi and open hole shoe to 6822 psi BHP no leak off

Maximum displacement pressure will not exceed leak off pressure 3206 BHP

Estimate disposal of 11,000 bbls reserve pit fluid
Attachments: Casing and Cementing Diagram
Composite Reserve Pit Fluid Analysis

Estimated date of operation 5/1/85 - 9/1/85

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 3/11/85
BY: [Signature]

18. I hereby certify that the foregoing is true and correct
SIGNED Vann E. Prater TITLE District Engineer DATE 3/9/85

(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

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

April 11, 1985

Amoco Production company
PO Box 829
Evanston, Wyoming 82930

Gentlemen:

Re: Well No. Champlin 458 Amoco I - Sec. 29, T. 4N., R. 8E.,
Summit County, Utah - API #43-043-30259

This letter is to advise you that the "Well Completion or Recompletion Report and Log" for the above referenced 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, but not later than April 25, 1985.

Sincerely,

A handwritten signature in cursive script that reads "Pam Kenna".

Pam Kenna
Well Records Specialist

Enclosure

cc: Dianne R. Nielson
Ronald J. Firth
John R. Baza
File

0170S/37

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other _____

b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RESVR. Other Temp. Abandoned

2. NAME OF OPERATOR
AMOCO PRODUCTION COMPANY

3. ADDRESS OF OPERATOR
P. O. BOX 829, EVANSTON, WYOMING 82930

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 1324' FNL & 1330.3' FEL
At top prod. interval reported below
At total depth 239' FNL & 413' FEL NE NE

RECEIVED
APR 17 1985

DIVISION OF OIL
GAS & MINING

14. PERMIT NO. 43-043-30259 | DATE ISSUED 7/5/84

15. DATE SPUDDED 7/16/84 | 16. DATE T.D. REACHED 1/9/85 | 17. DATE COMPL. (Ready to prod.) N/A | 18. ELEVATIONS (DF, BEB, RT, GR, ETC.)* 7527' GL | 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 16,258' MD | 21. PLUG, BACK T.D., MD & TVD Surface (T&A) | 22. IF MULTIPLE COMPL., HOW MANY* | 23. INTERVALS DRILLED BY | ROTARY TOOLS | CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
None - DST results attached

25. WAS DIRECTIONAL SURVEY MADE
Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN
See Attached

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
13 3/8"	88.2#	4455'	17 1/2"	See attached	none
9 5/8"-10 5/8"	47.53.5, 101.4#	10567'	12 1/4"	See attached	none

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)
None-T&A (See attached wellbore diagram)

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

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) T&A ✓

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)

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

35. LIST OF ATTACHMENTS

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

SIGNED [Signature] TITLE District Drilling Engineer DATE 4/15/85

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

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Twin Creek	11625'	11683'	See attached DST results
Nugget	15166'	15382'	See attached DST results

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Gannet	3968'	3967'
Preuss	8950'	8844'
Salt	9817'	9703'
Twin Creek	10397'	10279'
Nugget	15242'	15020'

CEMENTING RECORD

CASING

CEMENT

13 3/8"

2800 sx 50-50/Class "A" (cement to surface)

9 5/8" - 10 5/8"

1450 sx Class "H" (Est. cement top @ 9765')

WELL NAME: Champlin 458I #1

RESERVOIR DATA

CORED INTERVALS:

FT CUT

FT REC

DST INTERVALS:

RESULTS

LOG INVENTORY:

DEPTHS COVERED

DATE

Long Spaced Sonic/Gamma Ray	126 -4447	8-15-84
Long Spaced Sonic	4367 -9800	10-4-84
" " "	10560 -15706	1-5-85
Borehole Geometry Tool	9555-9945	10-4-84
" " "	9700-10183	10-12-84
" " "	10557-15360	12-14-84
Formation Density-Compensated Neutron	4367-9803	10-6-84
" " " "	11560-15706	1-4-85
Cyberdip	126-4450	8-15-84
HDT Dipmeter	10565-15720	1-6-85
High Resolution Dipmeter	4367-9796	1-5-84
Synergetic Log	100-4500	8-15-84
" " "	4300-9800	10-4-84
Dual Induction	4367-9809	10-4-84
" " "	10566-15969	1-4-85
Directional Log	4367-9796	9-5-84
Continuous Dipmeter	126-4450	8-15-84
" " "	4367-9796	9-5-84
Four Arm Caliper	4365-8800	10-2-84
" " "	4365-8500	10-18-84
" " "	10568-8500	10-18-84
" " "	10568-15000	1-2-85
Cement Evaluation & Acoustic Caliper	7706-10567	10-26-84



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

April 15, 1985

Amoco Production Company
P. O. Box 829
Evanston, WY 82930

Attention: Vann E. Prater, District Engineer

Gentlemen:

RE: Reserve Pit Drilling Fluid Disposal - Champlin 458 "I" #1 Well
Section 29, T4N, R8E, Summit County, Utah

The Division staff has reviewed your proposed procedure for drilling fluid disposal operations on the referenced well. We have determined that your request conforms to the requirements of the Emergency Order dated February 4, 1985; therefore, approval to proceed with this disposal operation is hereby granted.

Best regards,

A handwritten signature in cursive script that reads "Dianne R. Nielson".

Dianne R. Nielson
Director

jbl

cc: R. J. Firth
J. R. Baza

0097T

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

---oo0oo---

IN THE MATTER OF DISPOSAL :
OF RESERVE PIT DRILLING : EMERGENCY ORDER
FLUIDS BY DOWN-HOLE INJECTION :

---oo0oo---

The Director of the Utah Division of Oil, Gas and Mining finds that an emergency situation requiring immediate action exists as a result of the need for disposal of reserve pit fluids.

Pursuant to the authority granted under Section 40-6-10(2) Utah Code Annotated (1953, as amended) and the regulatory authority under Section 40-6-5(2)(d) pertaining to reserve pits and associated fluids, the Director hereby orders that operations for the one-time down-hole injection of drilling fluids be permitted.

The following requirements will be necessary for this permitting procedure:

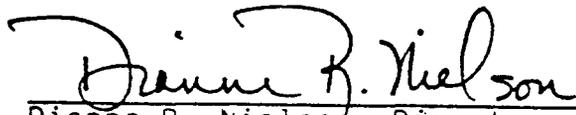
1. Injection of reserve pit fluids will be considered on a case-by-case basis. An operator should submit a proposal for injection of reserve pit drilling fluids to the Division.
2. Each proposed procedure will be reviewed by the Division for conformance to those requirements and standards for permitting disposal wells under the Utah Underground Injection Control (UIC) Program, to assure protection of fresh-water resources.
3. The subsurface disposal interval will be verified by temperature log, or suitable alternative, during the disposal operation.

EMERGENCY ORDER
Page 2

4. The Division will designate other conditions for disposal, as necessary, in order to insure safe, efficient fluid disposal.

DATED this 4th day of February, 1985.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING



Dianne R. Nielson, Director



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

March 7, 1986

TO: Well File Memo
FROM: J.R. Baza *JR*
RE: Well No. Champlin 458 "I" 1, Sec.29, T.4N, R.8E,
Summit County, Utah

This well is properly designated as temporarily abandoned. A Sundry Notice dated January 10, 1985, indicates that a cement plug was to be set in the well isolating the perforated interval. It is assumed that this work was performed even though no subsequent confirmation of the operation was submitted. A Well Completion Report dated April 15, 1985, verifies that the well has been temporarily abandoned and the well can remain in TA status in Division records.

sb
0265T-27

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

SUBMIT TRIPPLICATE*
(Obtain instructions on reverse side)

000208

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. Fee
2. NAME OF OPERATOR AMOCO PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P. O. BOX 829, EVANSTON, WYOMING 82930		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1324' FNL & 1330' FEL		8. FARM OR LEASE NAME Champlin 458 "I"
14. PERMIT NO. 43-043-30259		9. WELL NO. #1
15. ELEVATIONS (Show whether DF, RT, OR, etc.) 7527' GL		10. FIELD AND POOL, OR WILDCAT Wildcat
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 29, T4N, R8E
		12. COUNTY OR PARISH Summit
		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) <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 referenced well remains shut in due to lack of market.

RECEIVED
JAN 30 1987

DIVISION OF
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct
SIGNED [Signature] TITLE Administrative Supervisor DATE 1-28-87
(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

TRIPPLICATE*
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.
Fee
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME
Champlin 458 "I"
9. WELL NO.
#1
10. FIELD AND POOL, OR WILDCAT
N/A
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 29, T4N, R8E
12. COUNTY OR PARISH
Summit
13. STATE
UT

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> Dry Hole
2. NAME OF OPERATOR AMOCO PRODUCTION COMPANY
3. ADDRESS OF OPERATOR P. O. BOX 829, EVANSTON, WYOMING 82930
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1324' FNL & 1330' FEL Sec. 29
14. PERMIT NO. 43-043-30259
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 7527' GR

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

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

Proposed P & A Procedure:

- 1) Set CIBP at 7,500' w/2 sx cmt
- 2) Set CIBP at 4,500' w/2 sx cmt
- 3) Set CIBP at 2,000' w/2 sx cmt
- 4) 100 sx cmt plug at surface (approx. volume)
- 5) Seal surface annulus w/cmt
- 6) Set P & A Marker

RECEIVED
JUN 04 1987

DIVISION OF
OIL, GAS & MINING

Note: No perforations are open on this well, well is currently T & A

Verbal approval between Dan Polson (Amoco) and Ron Firth (UTO&GC) 5-28-87

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

SIGNED [Signature]

TITLE Sr Stf Fac Eng Supervisor

DATE 6-1-87

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

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

*See Instructions on Reverse Side

DATE 6-9-87
BY: [Signature]

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

SUBMIT **DUPLICATE***
(Other instructions on reverse side)

060809

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 <input type="checkbox"/> Dry Hole		5. LEASE DESIGNATION AND SERIAL NO. Fee
2. NAME OF OPERATOR AMOCO PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME TA
3. ADDRESS OF OPERATOR P. O. BOX 829, EVANSTON, WYOMING 82930		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1324' FNL & 1330' FEL		8. FARM OR LEASE NAME Champlin 458 "I"
14. PERMIT NO. 43-043-30259	15. ELEVATIONS (Show whether DF, NT, OR, etc.) 7527' GL	9. WELL NO. #1
		10. FIELD AND POOL, OR WILDCAT Wildcat
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 29, T4N, R8E
		12. COUNTY OR PARISH 13. STATE

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

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

The following P & A procedure was completed on 6-2-87:

- 1) CIBP's were set at 7,500', 4,500' and 2,000' with 2 sx cmt on each
- 2) 100 sx cmt plug at surface
- 3) Sealed surface annulus with cmt
- 4) Set dry hole marker

RECEIVED
JUN 05 1987

DIVISION OF
OIL, GAS & MINING

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

SIGNED *Leuis Ryzel* TITLE Administrative Supervisor DATE 6-3-87

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

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

DATE: 6-3-87
BY: *John R. Day*

*See Instructions on Reverse Side

RECEIVED
FEB 28 1989

AMOCO PRODUCTION CO.
CHAMPLIN 458 I
43-043-30259

4N 8E S-28

DIVISION OF
OIL, GAS & MINING

EU-80-40074
OCTOBER 26 1984

TOTAL DEPTH	DIRECTION DEG	ANGLE DEG	VERTICAL DEPTH	LATITUDE FEET	DEPARTURE FEET	VERTICAL SECTION	DOG LEG
0	N 0.0 E	0.00	0.00	0.00 N	0.00 E	0.00	0.00
100	S 30.9 E	0.21	100.00	0.17 S	0.09 E	0.02	0.21
200	N 59.8 E	0.18	200.00	0.25 S	0.32 E	0.19	0.27
300	N 51.5 E	0.25	300.00	0.03 S	0.63 E	0.56	0.08
400	S 23.1 E	0.06	400.00	0.07 N	0.82 E	0.77	0.27
500	N 82.7 E	0.09	500.00	0.03 N	0.92 E	0.84	0.09
600	S 6.2 W	0.11	600.00	0.07 S	0.99 E	0.87	0.12
700	S 27.5 W	0.19	700.00	0.31 S	0.90 E	0.69	0.10
800	S 24.8 W	0.19	800.00	0.61 S	0.75 E	0.43	0.01
900	S 35.2 E	0.13	900.00	0.85 S	0.75 E	0.32	0.17
1000	S 46.5 W	0.21	999.99	1.07 S	0.68 E	0.15	0.25
1100	S 59.6 W	0.23	1099.99	1.30 S	0.38 E	-0.21	0.05
1200	S 89.7 W	0.17	1199.99	1.40 S	0.06 E	-0.55	0.12
1300	S 65.1 W	0.27	1299.99	1.50 S	0.32 W	-0.92	0.14
1400	S 76.8 W	0.31	1399.99	1.66 S	0.79 W	-1.42	0.07
1500	S 66.6 W	0.30	1499.99	1.83 S	1.30 W	-1.54	0.06
1600	S 47.7 W	0.49	1599.99	2.22 S	1.85 W	-2.61	0.23
1700	S 46.2 W	0.44	1699.98	2.77 S	2.45 W	-3.35	0.05
1800	S 44.9 W	0.59	1799.98	3.40 S	3.09 W	-4.23	0.15
1900	S 41.3 W	0.72	1899.97	4.24 S	3.87 W	-5.30	0.18
2000	S 38.0 W	0.82	1999.96	5.27 S	4.72 W	-6.51	0.11
2100	S 45.9 W	1.16	2099.95	6.54 S	5.89 W	-8.11	0.30
2200	S 54.9 W	1.31	2199.92	7.90 S	7.55 W	-10.20	0.24
2300	S 63.5 W	1.33	2299.90	9.08 S	9.52 W	-12.48	0.20
2400	S 67.7 W	1.64	2399.86	10.14 S	11.89 W	-15.07	0.33
2500	S 67.9 W	1.79	2499.82	11.27 S	14.66 W	-18.06	0.15
2600	S 71.9 W	1.78	2599.77	12.34 S	17.58 W	-21.15	0.12
2700	S 77.4 W	1.67	2699.72	13.14 S	20.48 W	-24.12	0.20
2800	S 76.4 W	1.89	2799.68	13.85 S	23.50 W	-27.16	0.22
2900	S 79.9 W	1.88	2899.62	14.52 S	26.72 W	-30.35	0.12
3000	S 85.2 W	1.90	2999.57	14.95 S	29.99 W	-33.49	0.10
3100	S 84.9 W	2.30	3099.50	15.27 S	33.64 W	-36.92	0.40
3200	S 85.2 W	2.28	3199.42	15.61 S	37.62 W	-40.67	0.02
3300	S 87.3 W	2.22	3299.34	15.87 S	41.54 W	-44.32	0.10
3400	S 85.2 W	2.38	3399.26	16.13 S	45.54 W	-48.05	0.18
3500	S 85.4 W	2.23	3499.18	16.46 S	49.55 W	-51.81	0.15
3600	S 87.9 W	1.89	3599.12	16.68 S	53.14 W	-55.14	0.35
3700	S 77.8 W	1.83	3699.06	17.08 S	56.35 W	-58.21	0.33
3800	S 75.8 W	1.67	3799.02	17.77 S	59.32 W	-61.20	0.17
3900	S 73.1 W	1.62	3898.98	18.54 S	62.08 W	-64.02	0.09

AMOCO PRODUCTION CO.
CHAMPLIN 458 IEU-60-40074
OCTOBER 26 1984

TOTAL DEPTH	DIRECTION DEG	ANGLE DEG	VERTICAL DEPTH	LATITUDE FEET	DEPARTURE FEET	VERTICAL SECTION	DOG LEG
4000	S 69.9 W	1.65	3998.93	19.45 S	64.79 W	-66.85	0.10
4100	S 68.2 W	1.57	4098.89	20.45 S	67.41 W	-69.66	0.09
4200	S 69.1 W	1.16	4198.86	21.32 S	69.63 W	-72.03	0.41
4300	S 59.2 W	1.44	4298.83	22.32 S	71.65 W	-74.29	0.35
4400	S 52.7 W	1.41	4398.80	23.71 S	73.71 W	-76.75	0.16
4500	S 48.6 W	1.57	4498.77	25.36 S	75.72 W	-79.27	0.19
4600	S 44.7 W	1.53	4598.73	27.22 S	77.69 W	-81.84	0.11
4700	S 45.7 W	1.29	4698.70	28.95 S	79.43 W	-84.16	0.24
4800	S 41.5 W	1.62	4798.66	30.80 S	81.17 W	-86.52	0.35
4900	S 41.7 W	1.55	4898.62	32.87 S	83.01 W	-89.07	0.07
5000	S 42.2 W	1.15	4998.59	34.62 S	84.58 W	-91.24	0.40
5100	S 31.7 W	1.51	5098.56	36.48 S	85.95 W	-93.28	0.43
5200	S 18.3 W	1.53	5198.53	38.87 S	87.06 W	-95.31	0.36
5300	S 17.1 W	1.47	5298.49	41.37 S	87.86 W	-97.09	0.07
5400	S 18.6 W	1.59	5398.45	43.91 S	88.68 W	-98.92	0.13
5500	S 11.6 W	1.37	5498.42	46.39 S	89.36 W	-100.61	0.28
5600	S 11.5 W	1.45	5598.39	48.80 S	89.85 W	-102.09	0.08
5700	N 53.4 E	1.17	5698.38	49.44 S	89.29 W	-101.84	2.45
5800	N 61.9 E	2.65	5798.32	47.74 S	86.43 W	-98.53	1.50
5900	N 45.7 E	4.14	5898.14	44.13 S	81.88 W	-92.81	1.76
6000	N 36.0 E	6.26	5997.72	37.20 S	76.01 W	-84.61	2.29
6100	N 43.1 E	7.97	6096.95	27.72 S	68.07 W	-73.37	1.92
6200	N 42.7 E	9.51	6195.78	16.59 S	57.73 W	-59.25	1.54
6300	N 43.4 E	11.14	6294.15	3.50 S	45.49 W	-42.58	1.63
6400	N 44.6 E	13.11	6391.91	11.61 N	30.89 W	-22.92	1.99
6500	N 42.8 E	14.54	6489.01	28.90 N	14.40 W	-0.61	1.49
6600	N 43.7 E	16.22	6585.43	48.20 N	3.79 E	24.10	1.70
6700	N 43.4 E	17.67	6681.08	69.33 N	23.87 E	51.29	1.45
6800	N 44.1 E	17.32	6776.45	91.05 N	44.66 E	79.39	0.41
6900	N 44.4 E	17.34	6871.91	112.38 N	65.44 E	107.31	0.09
7000	N 45.2 E	17.37	6967.35	133.55 N	86.46 E	135.38	0.24
7100	N 46.5 E	16.99	7062.89	154.12 N	107.65 E	163.34	0.58
7200	N 47.0 E	17.32	7158.43	174.33 N	129.14 E	191.42	0.36
7300	N 48.3 E	17.45	7253.86	194.46 N	151.22 E	220.00	0.41
7400	N 49.8 E	17.59	7349.22	214.19 N	173.95 E	248.99	0.47
7500	N 52.5 E	17.88	7444.47	233.28 N	197.67 E	278.61	0.87
7600	N 53.5 E	18.15	7539.56	251.89 N	222.37 E	308.91	0.41
7700	N 55.5 E	17.99	7634.63	269.90 N	247.62 E	339.44	0.64
7800	N 56.1 E	18.89	7729.49	287.68 N	273.78 E	370.70	0.92
7900	N 57.6 E	17.91	7824.38	304.95 N	300.20 E	401.97	1.09

AMOCO PRODUCTION CO.
CHAMPLIN 458 I

EU-80-46074
OCTOBER 26 1984

TOTAL DEPTH	DIRECTION DEG	ANGLE DEG	VERTICAL DEPTH	LATITUDE FEET	DEPARTURE FEET	VERTICAL SECTION	DOG LEG
8000	N 59.2 E	16.27	7919.96	320.36 N	325.22 E	431.18	1.71
8100	N 60.5 E	16.26	8015.95	334.43 N	349.44 E	459.09	0.36
8200	N 63.7 E	14.81	8112.30	346.98 N	373.08 E	485.83	1.68
8300	N 64.7 E	14.92	8208.95	358.15 N	396.18 E	511.48	0.28
8400	N 65.1 E	14.08	8305.76	368.58 N	418.94 E	536.52	0.91
8500	N 68.3 E	13.22	8402.93	377.73 N	440.68 E	560.09	1.00
8600	N 72.2 E	12.37	8500.45	385.24 N	461.50 E	582.12	1.21
8700	N 78.7 E	11.91	8598.22	390.53 N	481.82 E	602.74	1.44
8800	N 83.4 E	10.60	8696.29	393.61 N	501.08 E	621.46	1.60
8900	N 87.9 E	10.10	8794.66	394.99 N	518.98 E	638.22	0.95
9000	S 88.0 E	9.30	8893.23	395.03 N	535.82 E	653.45	1.06
9100	S 85.1 E	8.85	8991.98	394.09 N	551.56 E	667.26	0.64
9200	S 82.5 E	8.54	9090.82	392.46 N	566.58 E	680.14	0.50
9300	S 80.0 E	8.02	9189.78	390.28 N	580.81 E	692.06	0.63
9400	S 77.3 E	7.48	9288.87	387.64 N	594.03 E	702.87	0.65
9500	S 73.8 E	7.39	9388.02	384.42 N	606.56 E	712.80	0.46
9600	S 72.3 E	6.77	9487.26	380.83 N	618.35 E	721.92	0.65
9700	S 70.6 E	5.97	9586.64	377.31 N	628.87 E	729.91	0.82
9800	S 70.6 E	5.48	9686.14	374.00 N	638.28 E	736.99	0.49
9900	S 68.2 E	5.30	9785.69	370.69 N	647.07 E	743.52	0.29
10000	S 65.1 E	5.47	9885.25	366.97 N	655.68 E	749.70	0.34
10100	S 63.1 E	6.04	9984.74	362.59 N	664.70 E	755.96	0.60
10200	S 60.8 E	6.84	10084.11	357.30 N	674.59 E	762.63	0.84
10300	S 59.3 E	7.58	10183.33	351.03 N	685.46 E	769.76	0.76
10400	S 57.8 E	7.58	10282.45	344.15 N	696.71 E	776.98	0.20
10500	S 32.0 E	3.96	10381.93	337.70 N	704.12 E	780.91	4.32
10560	S 3.6 W	2.35	10441.84	334.71 N	705.14 E	780.55	4.11

THE DOGLEG SEVERITY IS IN DEGREES PER ONE HUNDRED FEET.
THE VERTICAL SECTION WAS COMPUTED ALONG N 64 36 E
A DECLINATION OF 15 0 EAST HAS BEEN APPLIED.

BASED UPON MINIMUM CURVATURE TYPE CALCULATIONS. THE BOTTOM HOLE
DISPLACEMENT IS 780.55 FEET, IN THE DIRECTION OF N 64 36 E
BOTTOM HOLE DISPLACEMENT IS RELATIVE TO WELLHEAD.
VERTICAL SECTION IS RELATIVE TO WELLHEAD.

M. SPERRY-SUN INCORPORATED

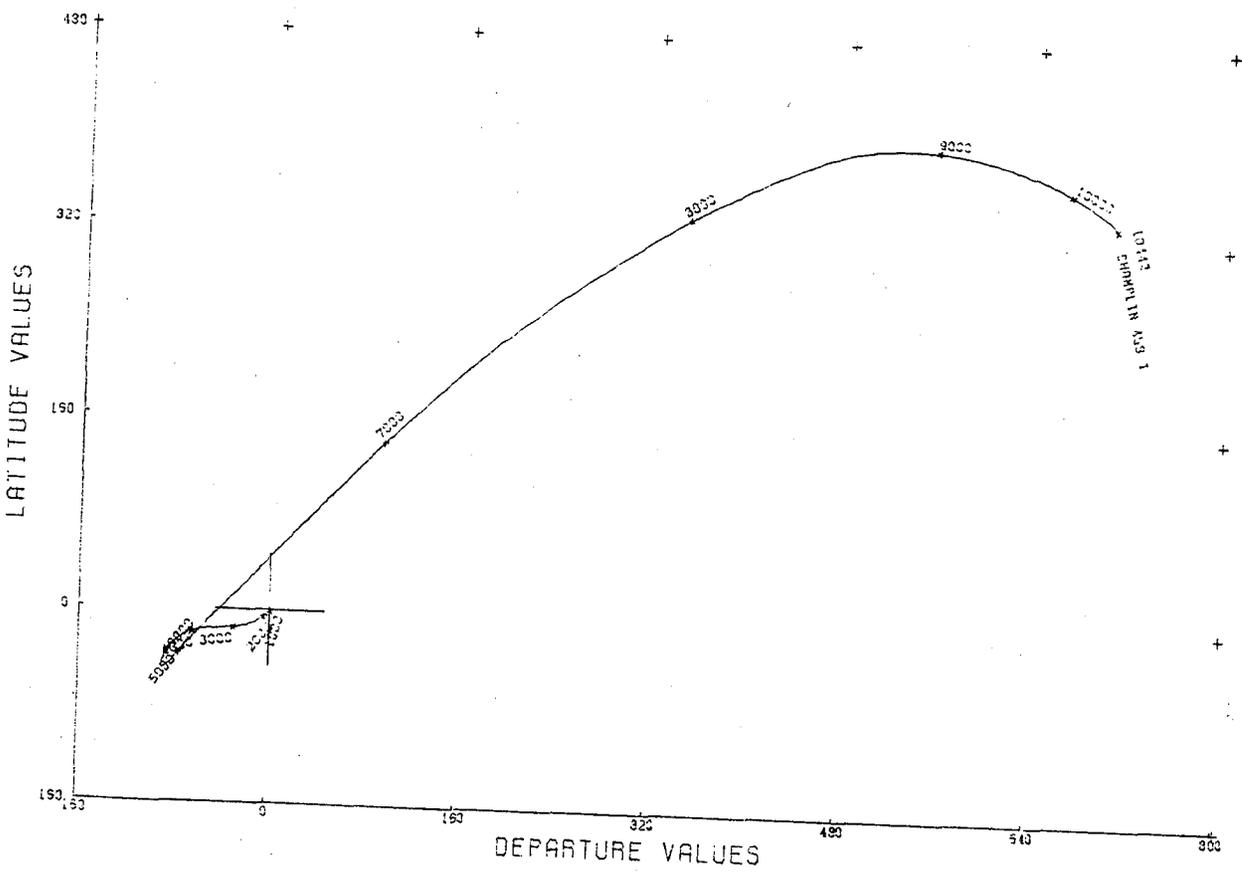
HORIZONTAL PROJECTION
NO WELLS HAVE BEEN EXTRAPOLATED



CUST. AMOCO PRODUCTION
JOB. NO. EVB040074
START TVD. = 0
SCALE IS 160 FEET/INCH
COURSE LENGTH = 100

REF. IS. CH 458 I
DATE. 10/26/84
FINISH TVD. = 10442
AXIS IS TRUE NORTH

PLOTTED VALUES SHOWN ARE TRUE VERTICAL DEPTHS



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

5. Lease Designation and Serial No.

FEE

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

6. If Indian, Allottee or Tribe Name

1a. Type of Work

DRILL

DEEPEN

PLUG BACK

7. Unit Agreement Name

b. Type of Well

Oil Well

Gas Well

Other

Single Zone

Multiple Zone

8. Farm or Lease Name

2. Name of Operator

Champlin 458 Amoco "I"

9. Well No.

#1

3. Address of Operator

10. Field and Pool, or Wildcat

Anschutz

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

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

At surface 1323.6' FNL x 1329.9' FEL

Sec 29 T4N-R8E

At proposed prod. zone 2535.3' FNL x 2798.8' FEL

12. County or Parrish 13. State

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

Summit Utah

20 miles SW of Evanston, WY

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

16. No. of acres in lease

17. No. of acres assigned to this well

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

19. Proposed depth

20. Rotary or cable tools

13,800' MD

Rotary

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

22. Approx. date work will start*

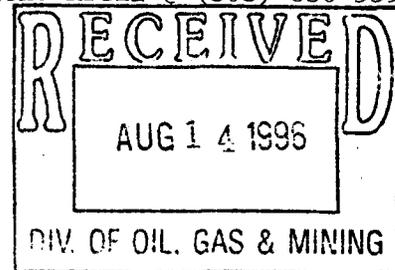
9/15/96

23. PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
8 1/2"	7"	26#	10,300'-13,800'	NONE

Amoco Production Company proposes to recomplete the subject well to the Twin Creek formation. Please see attached program for details on the drilling program and the surface use plans. Amoco's nationwide bond #WY2924 will be in effect.

If you require additional information, please contact Raelene Krcil @ (303) 830-5399.



Contacted Bill Bunch on Denver (-1-303-830-4312) Amoco will not Re-enter till Spring 1997. Left message to Contact Bill. Well, when ready.

IN ABOVE SPACE DESCRIBE productive zone. If proposal is to preventer program, if any.

back, give data on present productive zone and proposed new proce locations and measured and true vertical depths. Give blowout

24. Signed *Raelene Krcil*

Analyst Date 8/12/96

(This space for Federal or

Permit No. 43-

Approved by *[Signature]* Conditions of approval, if

Engineer Date 8 16 96

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

5. Lease Designation and Serial No.

FEE

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

b. Type of Well

Oil Well

Gas Well

Other

Single Zone

Multiple Zone

8. Farm or Lease Name

2. Name of Operator

Amoco Production Company

Champlin 458 Amoco "I"

9. Well No.

#1

3. Address of Operator

P.O. Box 800 Room 1735E Denver, CO 80201

10. Field and Pool, or Wildcat

Anschutz

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

At surface

1323.6' FNL x 1329.9' FEL

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

At proposed prod. zone

2535.3' FNL x 2798.8' FEL

Sec 29 T4N-R8E

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

20 miles SW of Evanston, WY

12. County or Parrish

Summit

Utah

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

16. No. of acres in lease

17. No. of acres assigned to this well

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

19. Proposed depth

20. Rotary or cable tools

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

13,800' MD

Rotary

22. Approx. date work will start*

9/15/96

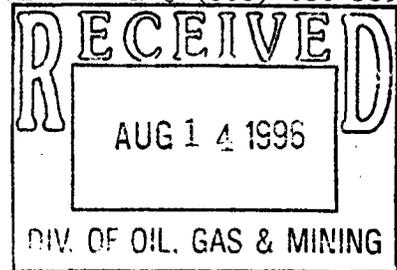
23.

PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
8 1/2"	7"	26#	10,300'-13,800'	NONE

Amoco Production Company proposes to recomplete the subject well to the Twin Creek formation. Please see attached program for details on the drilling program and the surface use plans. Amoco's nationwide bond #WY2924 will be in effect.

If you require additional information, please contact Raelene Krcil @ (303) 830-5399.



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.

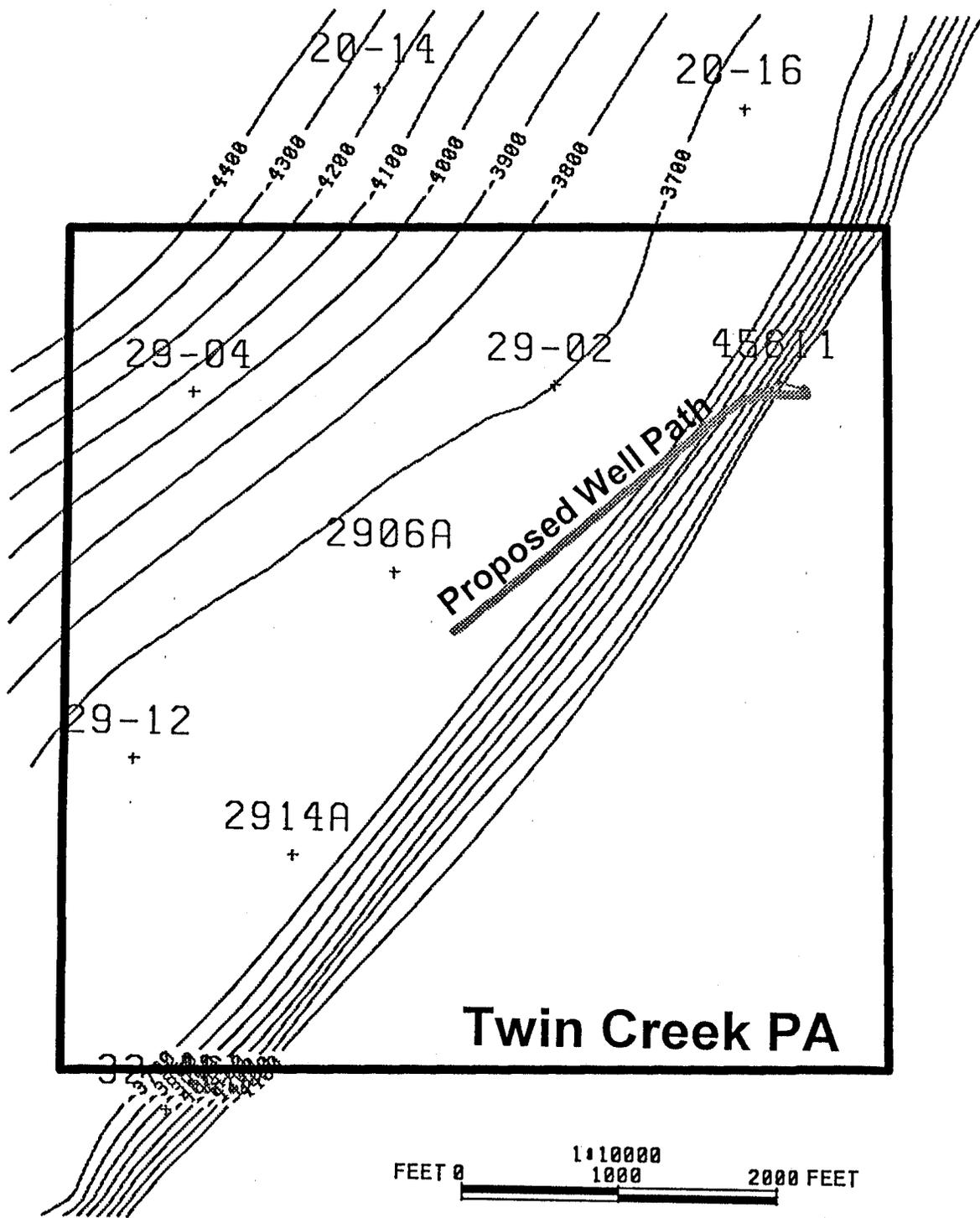
24. Signed: Raelene K. Krcil Title: Regulatory Analyst Date: 8/12/96

(This space for Federal or State office use)

Permit No. 43-043-30259 Approval Date

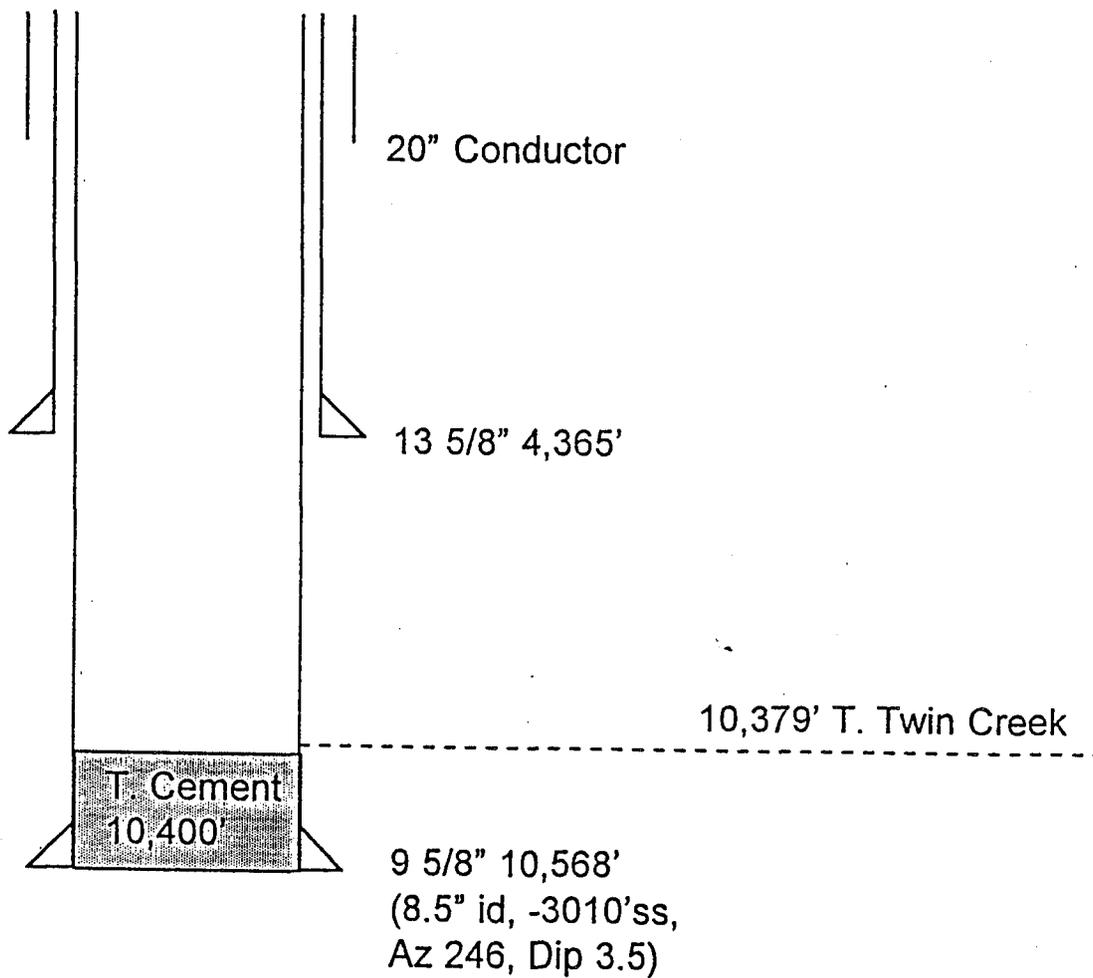
Approved by: Matthew Title: Petroleum Engineer Date: 8/16/96

Conditions of approval, if any:



Boundary Ridge Structure

458I Wellbore Diagram



Anschutz Ranch East Drilling Program
 Champlin 458 Amoco "P" #1 Horizontal
 NE/4 Section 29-T4N-R8E
 Summit County, Utah

1. **Estimated Formation Tops:** GL: 7527'
KB: 7553'

<u>Formation</u>	<u>Depth</u>
Tertiary	0'
Bear River	3,304'
Gannet	4,376'
Preuss	8,101'
Twin Creek	10,379'
Total Depth	13,800'

2. Estimated depths at which anticipated water, oil, gas or other mineral bearing formations are expected to be encountered:

<u>Zone</u>	<u>Depth</u>	<u>Contents</u>
Twin Creek	10,379'	Water & Gas

3. A. Casinghead 9-5/8" x 11" x 5,000 psi WP
 Tubinghead 7-1/16" x 5,000 psi WP
- B. Operator's minimum specifications for pressure control equipment are explained on attached schematic diagram. After rigging up and prior to drilling out the existing 9-5/8" casing, blind rams, pipe rams, manifold, upper and lower kelly cock and safety valve will be pressure tested to 5,000 psi. Hydril will be tested to 2,500 psi. Thereafter, the BOP will be checked daily for mechanical operations and will be noted on IADC Daily Drilling Reports.

4. A. **Proposed Casing Program:**

<u>Purpose</u>	<u>Interval</u>	<u>Hole Size</u>	<u>Casing Size</u>	<u>Wt/Ft</u>	<u>Grade</u>	<u>Cond</u>	<u>Thread</u>
Production	10300-TD	8-1/2"	7"	26#	N-80	New	LTC

Minimum design safety factors: Burst-1.0, Collapse-1.0, Joint Strength-1.6

B. Cementing Program:

Production Type, Amount of Cement, and Interval to be Cemented
10300' - A 7" slotted liner will be run for production and will not be cemented.
13800'

5. Drilling mud program, type and characteristics, weight, viscosity, fluid loss, %oil:

<u>Interval</u>	<u>Type Mud</u>	<u>Wt, ppg</u>	<u>Viscosity Sec API</u>	<u>Water Loss CC/ 30 Min</u>
10568'-TD	Water/Gel Chemical	8.4-9.0	*	Less than 10 cc

* As needed for hole cleaning and stability

6. A. Testing Program: No DST's are anticipated or planned.
B. Logging Program: FMS-GR-Cal from TD to 9-5/8" Casing (10,568')
C. Coring Program: None
D. Stimulation Program:
Evaluate open hole logs to determine intervals to cut slots for the pre-perforated production liner. A completion program will be based upon evaluation of the logs and formation parameters.

7. No abnormal pressures or temperatures, or hydrogen sulfide gas, or any other potential hazards are anticipated. Bottom hole pressure is anticipated to be 4,500 psi at 13,800'.

8. Auxiliary Equipment

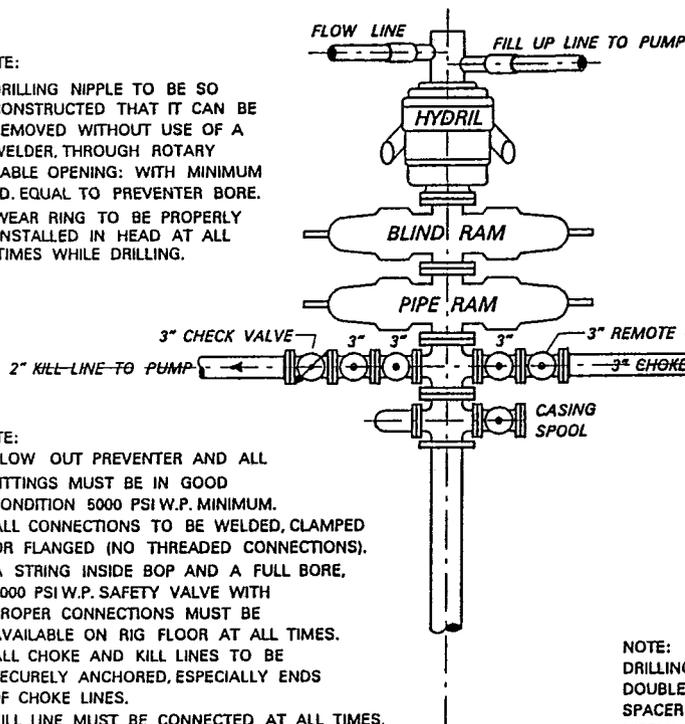
- A. Upper and lower Kelly Cock.
- B. Full opening floor safety valve with subs.
- C. 2" & 3" choke manifold with remote control choke.
- D. Monitor system on pit level, audio and visual
- E. Gas Buster

Anticipated starting date based upon approval will be September 15, 1996.
Duration of the drilling operations will be approximately 30 days.

MINIMUM BLOW-OUT PREVENTER REQUIREMENTS 5,000 PSI W.P.

NOTE:

1. DRILLING NIPPLE TO BE SO CONSTRUCTED THAT IT CAN BE REMOVED WITHOUT USE OF A WELDER, THROUGH ROTARY TABLE OPENING: WITH MINIMUM I.D. EQUAL TO PREVENTER BORE.
2. WEAR RING TO BE PROPERLY INSTALLED IN HEAD AT ALL TIMES WHILE DRILLING.



NOTE:

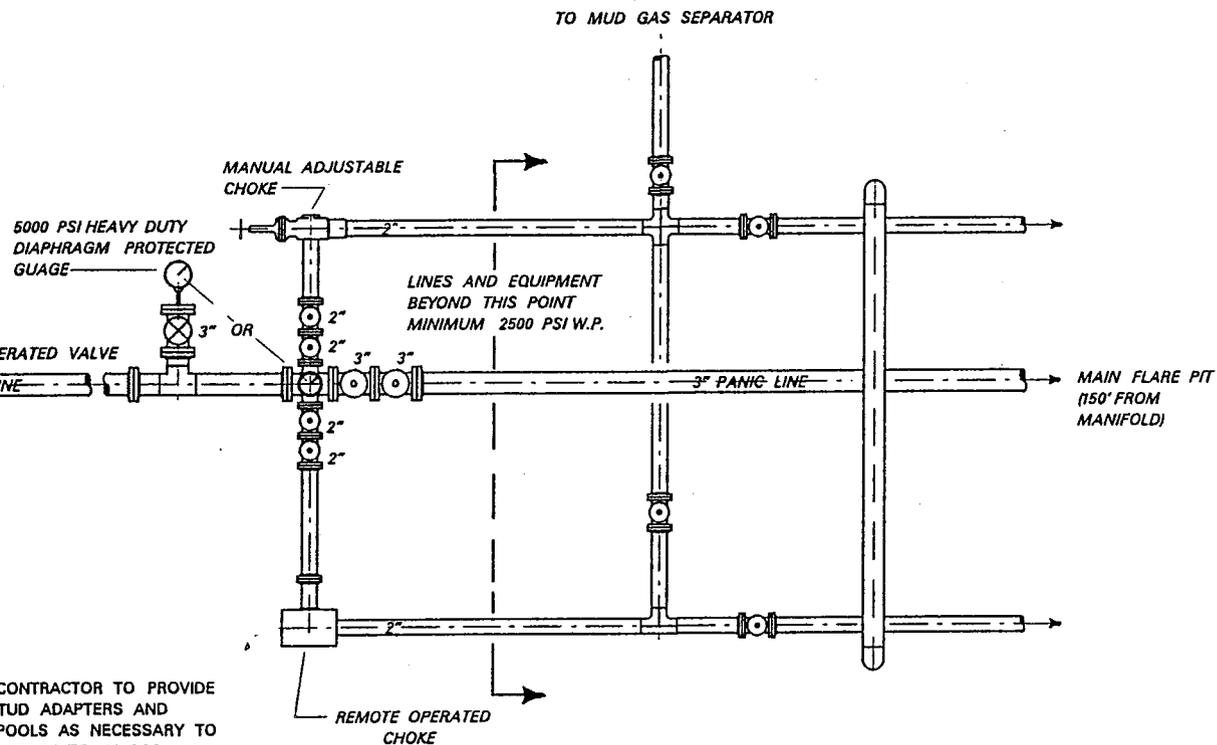
1. BLOW OUT PREVENTER AND ALL FITTINGS MUST BE IN GOOD CONDITION 5000 PSI W.P. MINIMUM.
2. ALL CONNECTIONS TO BE WELDED, CLAMPED OR FLANGED (NO THREADED CONNECTIONS).
3. A STRING INSIDE BOP AND A FULL BORE, 5000 PSI W.P. SAFETY VALVE WITH PROPER CONNECTIONS MUST BE AVAILABLE ON RIG FLOOR AT ALL TIMES.
4. ALL CHOKER AND KILL LINES TO BE SECURELY ANCHORED, ESPECIALLY ENDS OF CHOKER LINES.
5. KILL LINE MUST BE CONNECTED AT ALL TIMES.
6. EQUIPMENT THROUGH WHICH BIT MUST PASS SHALL BE AS LARGE AS INSIDE DIAMETER OF THE CASING BEING DRILLED THROUGH.
7. MUST HAVE UPPER AND LOWER KELLY COCK ON KELLY.
8. EXTENSION WRENCHES AND HAND WHEELS TO BE PROPERLY INSTALLED AND BRACED AT ALL TIMES.
9. REMOTE BOP CONTROL TO BE LOCATED AS CLOSE TO DRILLER'S POSITION AS FEASIBLE.
10. BLOW-OUT PREVENTER CLOSING EQUIPMENT SHALL HAVE SUFFICIENT CAPACITY TO FULFILL REQUIREMENTS OF CURRENT FEDERAL REGISTER (43 CFR) DATED NOV. 1988.
11. NO COLLECTOR BOTTLES, SURGE TANKS OR BUFFER CHAMBERS DOWNSTREAM OF THE CHOKER MANIFOLD.
12. ALL TURNS TO BE MADE WITH TARGETED TEES (18-24" MIN.). NO BENDS OR SWEEPS IN LINE FROM BOP TO CHOKER MANIFOLD.
13. IF A FLEXIBLE HOSE IS TO BE USED AS A CHOKER LINE, IT MUST BE APPROVED BY AMOCO PRIOR TO RIGGING UP.
14. LOCK TO BE INSTALLED ON BLIND RAM CONTROL.

NOTE:

- DRILLING CONTRACTOR TO PROVIDE DOUBLE STUD ADAPTERS AND SPACER SPOOLS AS NECESSARY TO NIPPLE UP STACK TO AMOCO WELLHEAD (BRADEN HEAD OR CASING SPOOL). DRILLING CONTRACTOR ALSO TO PROVIDE HEATED CHOKER HOUSE WITH SUFFICIENT AREA TO CHANGE OUT COMPONENTS EASILY.

NOTE:

1. ALL UNMARKED VALVES TO BE FULL-OPENING GATE OR PLUG VALVES, METAL TO METAL SEAL, 5000 PSI W.P.



NOTE:

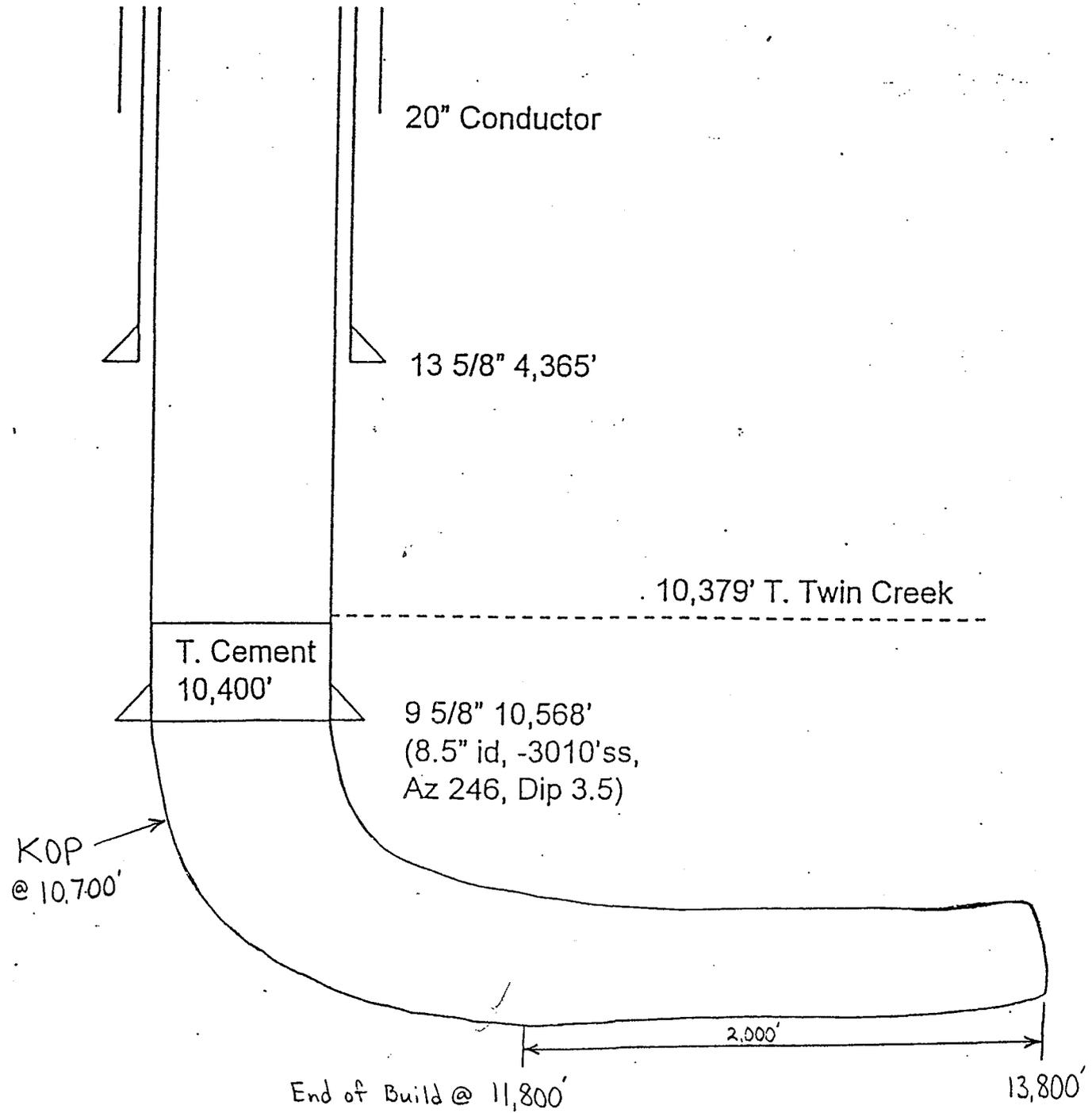
1. CHOKER ASSEMBLY VERTICAL FOR ILLUSTRATION ONLY. SHOULD BE HORIZONTAL ON RIG. ANCHOR ALL LINES SECURELY EVERY 30' AND WITHIN 5' OF END OF LINE.
2. DRILLING CONTRACTOR TO BE RESPONSIBLE FOR PROVIDING ALL LINES AND VALVES.

CHAMPLIN 458 "I" #1 HORIZONTAL

General Re-Drill Procedure

1. Move in and rig up. Nipple up and test BOP equipment (see attachment).
2. Pick up 8-1/2" bit, scraper and clean out to 10,400'. TOO H.
3. TIH with bit and bottomhole assembly. Drill cement from 10,400'-10,568' and Twin Creek formation down to kick-off point at 10,700'.
4. TOO H, Pick up directional tools and trip in hole.
5. Orient and start build to 10 degrees and 261 degs azimuth at 10,800' (see attached directional survey and proposed directional plan).
6. Drill a medium radius curve from 10,800'-11,800' with a 10 degrees/100' build rate up to 90 degrees and a final heading of 230 degrees.
7. Drill a 2,000' lateral in the Twin Creek from 11,800'-13,800' in the 230 degrees heading.
8. Condition hole and run FMS log on drill pipe across the open hole section.
9. Evaluate logs, mud logs and shows for production potential.
10. Run 7" 26# N80 slotted liner for production testing or plug and abandon per State of Utah DNR approved procedure.
11. Lay down drill pipe and release rig.

458I Wellbore Diagram



Proposed Horizontal
**WELL PLANNING
REPORT**

AMOCO PRODUCTION

CHAMPLIN 458 "I" #1

JUNE 18, 1996

**SPERRY-SUN DRILLING SERVICES
WELL PROFILE DATA**

NE/4 Of Sec.29-T4N-R8E
Summit County, Utah

**AMOCO PRODUCTION
CHAMPLIN 458 "I" #1**

JUNE 18, 1996

MEASURED DEPTH	ANGLE DEG	DIRECTION DEG	VERTICAL DEPTH	LATITUDE (Ft)	DEPARTURE (Ft)	VERTICAL SECTION	DOG LEG	TOOL FACE
10700.00	2.500	193.000	10575.71	317.86 N	741.01 E	-773.89		
10725.00	3.804	234.091	10600.67	316.84 N	740.22 E	-772.63		
10750.00	5.953	250.138	10625.58	315.92 N	738.32 E	-770.58		
10775.00	8.317	257.421	10650.39	315.08 N	735.34 E	-767.74		
10800.00	10.754	261.462	10675.04	314.34 N	731.27 E	-764.13		
10825.00	13.224	264.016	10699.49	313.70 N	726.12 E	-759.75		
10850.00	15.712	265.775	10723.70	313.15 N	719.90 E	-754.60		
10875.00	18.210	267.063	10747.61	312.70 N	712.62 E	-748.70		
10900.00	20.714	268.049	10771.18	312.35 N	704.30 E	-742.06		
10925.00	23.224	268.830	10794.36	312.10 N	694.95 E	-734.69		
10950.00	25.736	269.467	10817.11	311.95 N	684.59 E	-726.60		
10975.00	28.250	269.997	10839.39	311.90 N	673.25 E	-717.82		
11000.00	30.767	270.447	10861.15	311.94 N	660.93 E	-708.35		
11025.00	33.284	270.835	10882.34	312.09 N	647.68 E	-698.22		
11050.00	35.803	271.175	10902.93	312.34 N	633.50 E	-687.45		
11075.00	38.322	271.475	10922.88	312.69 N	618.44 E	-676.05		
11100.00	40.843	271.744	10942.14	313.14 N	602.52 E	-664.05		
11125.00	43.363	271.986	10960.69	313.69 N	585.77 E	-651.48		
11150.00	45.885	272.208	10978.48	314.33 N	568.22 E	-638.35		
11175.00	48.406	272.411	10995.48	315.07 N	549.91 E	-624.70		
11185.41	49.457	272.490	11002.33	315.41 N	542.07 E	-618.86	10.104	81.616
11200.00	49.857	270.629	11011.77	315.71 N	530.95 E	-610.48		
11204.97	50.000	270.000	11014.97	315.73 N	527.15 E	-607.56	10.104	285.155
11225.00	50.741	267.584	11027.75	315.40 N	511.73 E	-595.46		
11250.00	51.735	264.642	11043.40	314.08 N	492.29 E	-579.61		
11275.00	52.799	261.781	11058.70	311.74 N	472.66 E	-562.98		
11300.00	53.931	259.003	11073.62	308.39 N	452.88 E	-545.60		
11325.00	55.125	256.306	11088.13	304.03 N	433.00 E	-527.48		
11350.00	56.377	253.688	11102.20	298.68 N	413.04 E	-508.68		
11375.00	57.682	251.146	11115.81	292.34 N	393.05 E	-489.23		
11400.00	59.037	248.678	11128.92	285.03 N	373.06 E	-469.16		
11425.00	60.437	246.280	11141.52	276.76 N	353.12 E	-448.51		
11450.00	61.879	243.949	11153.58	267.54 N	333.26 E	-427.33		
11475.00	63.360	241.680	11165.08	257.40 N	313.52 E	-405.64		
11500.00	64.876	239.470	11176.00	246.34 N	293.93 E	-383.50		
11525.00	66.423	237.315	11186.30	234.41 N	274.54 E	-360.94		
11550.00	68.000	235.210	11195.99	221.61 N	255.37 E	-338.01		
11560.99	68.702	234.300	11200.04	215.71 N	247.03 E	-327.82	10.000	290.945
11586.99	68.702	234.300	11209.49	201.57 N	227.36 E	-303.65	0.000	0.000
11600.00	69.976	234.019	11214.08	194.45 N	217.49 E	-291.51		

**SPERRY-SUN DRILLING SERVICES
WELL PROFILE DATA**

NE/4 Of Sec.29-T4N-R8E
Summit County, Utah

**AMOCO PRODUCTION
CHAMPLIN 458 "1" #1**

JUNE 18, 1996

MEASURED DEPTH	ANGLE DEG	DIRECTION DEG	VERTICAL DEPTH	LATITUDE (Ft)	DEPARTURE (Ft)	VERTICAL SECTION	DOG LEG	TOOL FACE
11700.00	79.782	231.987	11240.13	136.40 N	140.51 E	-195.19		
11800.00	89.600	230.077	11249.38	73.85 N	63.20 E	-95.75		
11804.07	90.000	230.000	11249.39	71.23 N	60.08 E	-91.67	10.000	348.305
12000.00	90.000	230.000	11249.39	54.71 S	90.01 W	104.25		
13000.00	90.000	230.000	11249.39	697.50 S	856.05 W	1104.21		
13800.00	90.000	230.000	11249.39	1211.73 S	1468.89 W	1904.18	0.000	0.000

The Dogleg Severity is in Degrees per 100.00 Feet
Vertical Section was calculated along an Azimuth of 230.480° (True)

Based upon Minimum Curvature type calculations. At a Measured Depth of 13800.00 Feet,
the Bottom Hole Displacement is 1904.18 Feet, in the Direction of 230.480° (True)

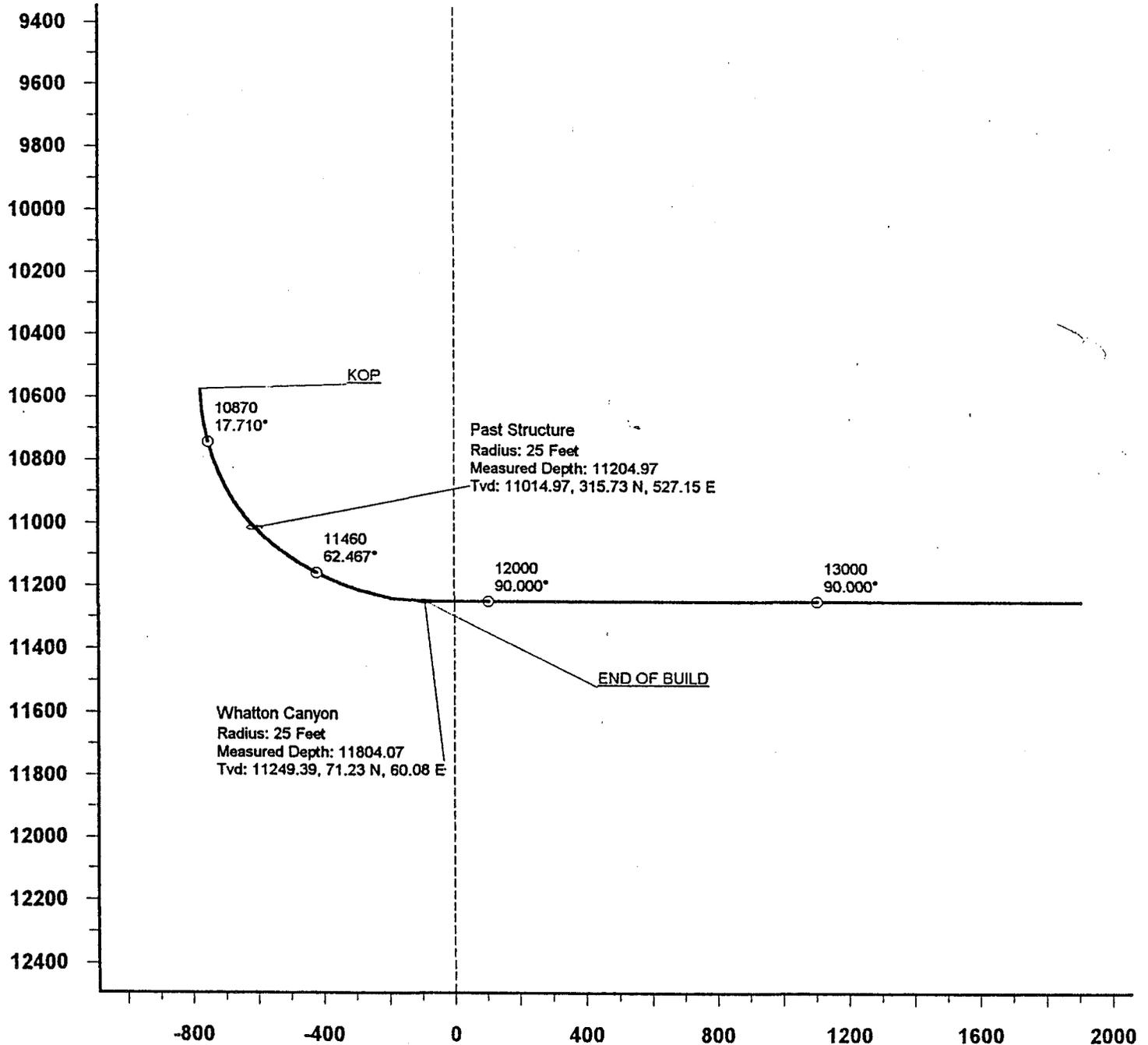
SPERRY-SUN DRILLING SERVICES VERTICAL SECTION

NE/4 Of Sec.29-T4N-R8E
Summit County, Utah

AMOCO PRODUCTION
CHAMPLIN 458 "I" #1

JUNE 18, 1996

VERTICAL
DEPTH



VERTICAL SECTION - Direction: 230.480° (True)

Depths shown on plot are Measured Depths.
All measurements are in Feet.

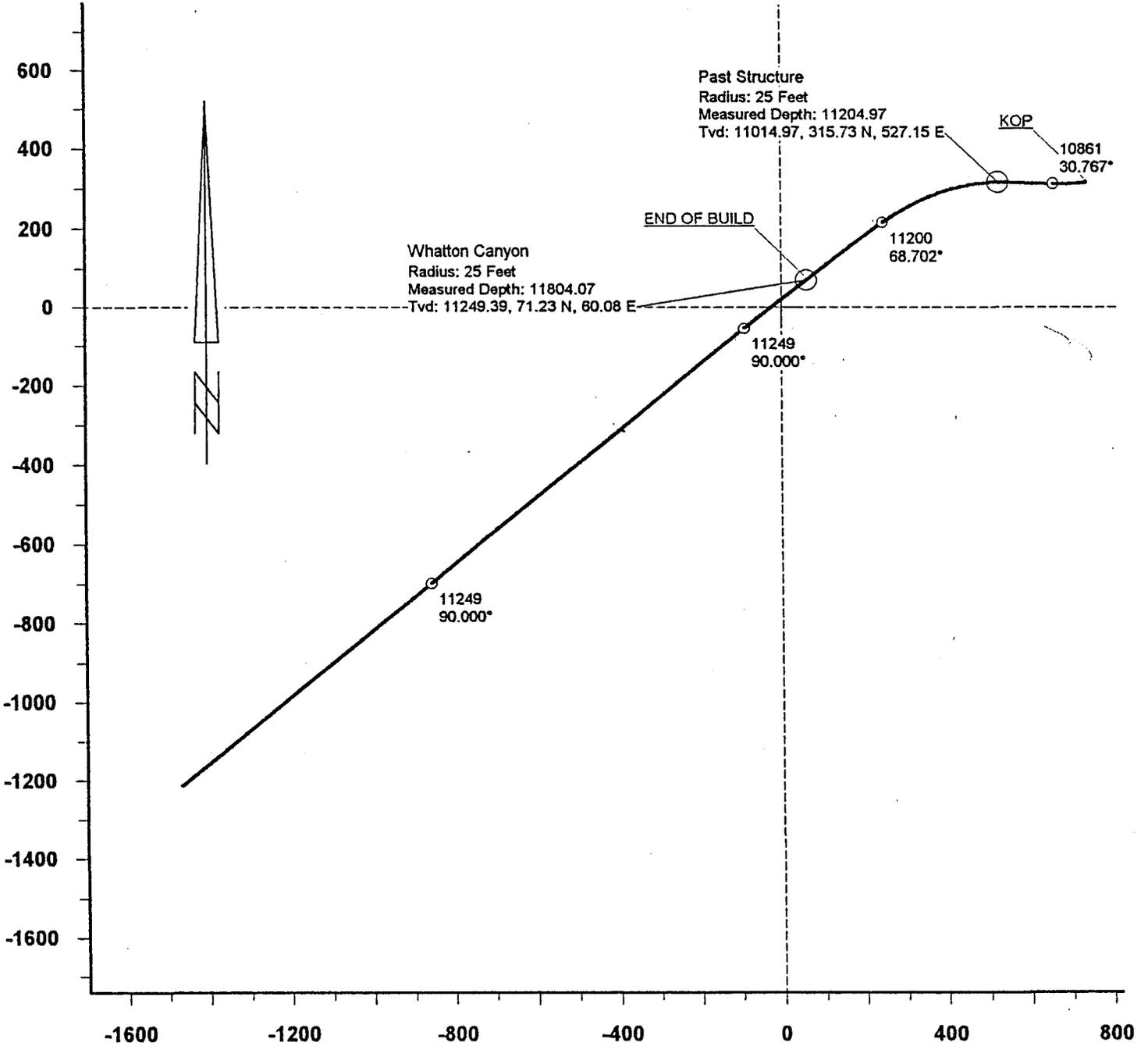
SPERRY-SUN DRILLING SERVICES HORIZONTAL SECTION

NE/4 Of Sec.29-T4N-R8E
Summit County, Utah

AMOCO PRODUCTION
CHAMPLIN 458 "I" #1

JUNE 18, 1996

LATITUDE
VALUES



DEPARTURE VALUES

Depths shown on plot are Vertical Depths.
All measurements are in Feet.

**SPERRY-SUN DRILLING SERVICES
WELL PROFILE DATA**

Actual Well Survey
AMOCO PRODUCTION
CHAMPLIN 458 "I" #1

JUNE 18, 1996

MEASURED DEPTH	ANGLE DEG	DIRECTION DEG	VERTICAL DEPTH	LATITUDE (Ft.)	DEPARTURE (Ft.)	VERTICAL SECTION	DOG LEG	TOOL FACE
0.00	0.000	0.000	0.00	0.00	0.00	0.00		
100.00	0.500	207.000	100.00	0.39 S	0.20 W	-0.34	0.500	207.000
200.00	0.500	136.000	200.00	1.09 S	0.09 W	-0.52	0.581	234.501
300.00	0.900	110.000	299.99	1.67 S	0.95 E	0.21	0.501	308.062
400.00	1.200	100.000	399.97	2.12 S	2.72 E	1.66	0.350	323.518
500.00	1.200	82.000	499.95	2.16 S	4.79 E	3.55	0.375	261.002
600.00	1.100	89.000	599.93	2.00 S	6.78 E	5.45	0.172	128.909
700.00	1.100	81.000	699.91	1.83 S	8.69 E	7.26	0.153	266.001
800.00	1.000	81.000	799.90	1.54 S	10.50 E	9.04	0.100	180.000
900.00	0.900	84.000	899.88	1.33 S	12.14 E	10.64	0.112	155.049
1000.00	0.900	81.000	999.87	1.12 S	13.70 E	12.15	0.047	268.500
1100.00	0.900	73.000	1099.86	0.77 S	15.23 E	13.69	0.126	266.000
1200.00	0.800	44.000	1199.85	0.04 S	16.46 E	15.11	0.437	242.687
1300.00	0.800	50.000	1299.84	0.91 N	17.48 E	16.43	0.084	93.000
1400.00	0.800	25.000	1399.83	2.00 N	18.31 E	17.62	0.346	257.501
1500.00	0.700	15.000	1499.82	3.22 N	18.76 E	18.51	0.164	227.692
1600.00	0.500	5.000	1599.81	4.24 N	18.96 E	19.10	0.225	202.696
1700.00	1.000	47.000	1699.81	5.27 N	19.64 E	20.13	0.712	70.028
1800.00	0.800	65.000	1799.79	6.16 N	20.91 E	21.64	0.344	134.051
1900.00	0.600	93.000	1899.79	6.43 N	22.06 E	22.81	0.390	133.811
2000.00	0.600	102.000	1999.78	6.29 N	23.10 E	23.71	0.094	94.500
2100.00	0.500	97.000	2099.78	6.13 N	24.04 E	24.51	0.111	203.153
2200.00	0.700	139.000	2199.77	5.62 N	24.88 E	25.08	0.469	87.529
2300.00	1.000	194.000	2299.76	4.31 N	25.07 E	24.74	0.829	98.770
2400.00	1.600	219.000	2399.74	2.38 N	23.98 E	22.97	0.812	56.346
2500.00	2.100	231.000	2499.69	0.14 N	21.68 E	19.98	0.630	43.867
2600.00	2.300	238.000	2599.61	2.08 S	18.55 E	16.23	0.335	56.872
2700.00	2.400	245.000	2699.53	4.02 S	14.95 E	12.15	0.304	74.311
2800.00	2.500	251.000	2799.44	5.62 S	10.99 E	7.89	0.275	71.715
2900.00	2.400	257.000	2899.35	6.80 S	6.89 E	3.65	0.275	114.280
3000.00	2.500	258.000	2999.25	7.72 S	2.71 E	-0.55	0.109	23.646
3100.00	2.500	264.000	3099.16	8.41 S	1.59 W	-4.77	0.262	92.997
3200.00	2.700	256.000	3199.06	9.20 S	6.04 W	-9.18	0.414	294.824
3300.00	2.900	255.000	3298.94	10.43 S	10.77 W	-14.01	0.206	345.775
3400.00	3.100	258.000	3398.80	11.64 S	15.86 W	-19.17	0.254	39.638
3500.00	3.000	259.000	3498.66	12.71 S	21.07 W	-24.38	0.113	152.482
3600.00	2.900	256.000	3598.53	13.82 S	26.10 W	-29.43	0.184	235.577
3700.00	2.700	257.000	3698.41	14.96 S	30.85 W	-34.24	0.206	166.773
3800.00	2.500	256.000	3798.30	16.02 S	35.26 W	-38.72	0.205	192.280
3900.00	2.200	256.000	3898.22	17.01 S	39.23 W	-42.76	0.300	180.000

**SPERRY-SUN DRILLING SERVICES
WELL PROFILE DATA**

**AMOCO PRODUCTION
CHAMPLIN 458 "I" #1**

JUNE 18, 1996

MEASURED DEPTH	ANGLE DEG	DIRECTION DEG	VERTICAL DEPTH	LATITUDE (Ft.)	DEPARTURE (Ft.)	VERTICAL SECTION	DOG LEG	TOOL FACE
4000.00	2.000	250.000	3998.15	18.07 S	42.74 W	-46.40	0.297	224.737
4100.00	1.900	254.000	4098.10	19.12 S	45.97 W	-49.79	0.169	128.293
4200.00	1.800	247.000	4198.04	20.19 S	49.01 W	-53.00	0.247	242.658
4300.00	1.800	253.000	4298.00	21.22 S	51.79 W	-55.96	0.267	141.304
4400.00	1.800	253.000	4397.96	22.08 S	54.63 W	-58.91	0.200	0.000
4500.00	0.600	220.000	4497.93	22.94 S	56.47 W	-60.94	1.337	194.145
4600.00	0.800	220.000	4597.93	23.88 S	57.25 W	-62.03	0.200	0.000
4700.00	0.600	222.000	4697.92	24.80 S	58.05 W	-63.13	0.201	174.034
4800.00	0.600	217.000	4797.91	25.81 S	58.72 W	-64.06	0.052	267.500
4900.00	0.500	215.000	4897.91	26.39 S	59.28 W	-64.88	0.102	189.869
5000.00	0.400	213.000	4997.91	27.04 S	59.72 W	-65.54	0.101	187.928
5100.00	0.600	205.000	5097.90	27.80 S	60.13 W	-66.22	0.211	336.729
5200.00	0.700	196.000	5197.90	28.87 S	60.52 W	-67.00	0.143	309.846
5300.00	0.600	196.000	5297.89	29.96 S	60.84 W	-67.72	0.100	180.000
5400.00	0.600	191.000	5397.88	30.97 S	61.08 W	-68.34	0.052	267.500
5500.00	0.500	184.000	5497.88	31.92 S	61.21 W	-68.84	0.120	210.432
5600.00	0.400	183.000	5597.88	32.71 S	61.26 W	-69.19	0.100	183.991
5700.00	0.400	110.000	5697.87	33.17 S	60.95 W	-69.09	0.476	233.501
5800.00	2.100	63.000	5797.85	32.46 S	58.99 W	-67.01	1.850	303.908
5900.00	4.000	51.000	5897.70	29.43 S	54.64 W	-61.82	1.994	335.369
6000.00	6.200	43.000	5997.30	23.29 S	48.25 W	-53.52	2.307	338.073
6100.00	7.700	47.000	6096.57	14.77 S	39.67 W	-42.28	1.575	19.876
6200.00	9.800	48.000	6195.40	4.51 S	28.44 W	-27.92	2.105	4.638
6300.00	11.500	48.000	6293.67	7.86 N	14.71 W	-10.42	1.700	0.000
6400.00	13.400	48.000	6391.31	22.28 N	1.31 E	9.99	1.900	0.000
6500.00	14.900	47.000	6488.28	38.81 N	19.33 E	33.06	1.520	350.258
6600.00	16.700	47.000	6584.50	57.38 N	39.24 E	58.68	1.800	0.000
6700.00	18.000	48.000	6679.94	77.51 N	61.23 E	86.83	1.334	13.397
6800.00	17.900	47.000	6775.08	98.33 N	83.95 E	115.92	0.324	251.548
6900.00	17.700	49.000	6870.29	118.79 N	106.66 E	144.85	0.643	109.065
7000.00	17.700	49.000	6965.56	138.73 N	129.61 E	173.81	0.000	0.000
7100.00	17.300	49.000	7060.93	158.46 N	152.30 E	202.44	0.400	180.000
7200.00	17.900	50.000	7156.25	178.10 N	175.30 E	231.31	0.672	27.223
7300.00	17.900	51.000	7251.41	197.65 N	199.01 E	260.81	0.307	90.476
7400.00	17.900	53.000	7346.57	216.57 N	223.23 E	290.53	0.615	90.952
7500.00	18.500	56.000	7441.57	234.69 N	248.66 E	321.04	1.112	58.798
7600.00	18.700	57.000	7536.34	252.29 N	275.26 E	352.42	0.376	58.385
7700.00	18.800	58.000	7631.09	269.47 N	302.22 E	383.98	0.335	107.838
7800.00	19.100	60.000	7725.73	286.10 N	329.92 E	415.99	0.817	53.218
7900.00	18.500	61.000	7820.40	301.98 N	357.96 E	448.02	0.681	152.232

**SPERRY-SUN DRILLING SERVICES
WELL PROFILE DATA**

**AMOCO PRODUCTION
CHAMPLIN 458 "I" #1**

JUNE 18, 1996

MEASURED DEPTH	ANGLE DEG	DIRECTION DEG	VERTICAL DEPTH	LATITUDE (Ft.)	DEPARTURE (Ft.)	VERTICAL SECTION	DOG LEG	TOOL FACE
8000.00	17.200	62.000	7915.58	316.61 N	384.90 E	478.54	1.336	167.208
8100.00	16.900	63.000	8011.19	330.15 N	410.90 E	507.78	0.419	136.133
8200.00	16.100	65.000	8107.07	342.61 N	436.42 E	536.14	0.981	145.580
8300.00	15.600	68.000	8203.27	353.51 N	461.45 E	563.44	0.960	122.830
8400.00	14.900	69.000	8299.75	363.15 N	485.92 E	589.73	0.748	159.888
8500.00	13.900	71.000	8396.60	371.67 N	509.28 E	614.56	1.117	154.521
8600.00	13.400	74.000	8493.78	378.77 N	531.78 E	638.03	0.867	126.683
8700.00	12.100	81.000	8591.32	383.61 N	553.27 E	659.69	2.017	133.459
8800.00	11.300	84.000	8689.24	386.27 N	573.37 E	679.21	1.005	144.211
8900.00	10.400	91.000	8787.46	387.14 N	592.14 E	696.80	1.594	127.738
9000.00	9.900	94.000	8885.89	386.38 N	609.74 E	712.68	0.728	134.873
9100.00	9.200	100.000	8984.51	384.39 N	626.19 E	727.01	1.216	128.049
9200.00	8.500	103.000	9083.32	381.34 N	641.26 E	739.66	0.838	148.077
9300.00	8.300	104.000	9182.24	377.93 N	655.47 E	751.37	0.248	144.349
9400.00	7.600	106.000	9281.28	374.36 N	668.83 E	762.24	0.753	159.426
9500.00	7.500	108.000	9380.42	370.52 N	681.39 E	772.28	0.281	111.823
9600.00	7.000	110.000	9479.62	366.42 N	693.32 E	781.63	0.560	154.205
9700.00	6.100	111.000	9578.96	362.44 N	704.01 E	789.88	0.907	173.273
9800.00	5.200	112.000	9678.48	358.83 N	713.17 E	796.88	0.905	174.255
9900.00	4.900	121.000	9778.09	354.94 N	721.03 E	802.57	0.846	115.184
10000.00	4.500	131.000	9877.76	350.16 N	727.66 E	806.77	0.910	120.946
10100.00	4.200	141.000	9977.47	344.74 N	732.92 E	809.47	0.814	116.516
10200.00	3.800	151.000	10077.23	339.00 N	736.83 E	810.80	0.803	124.756
10300.00	3.500	160.000	10177.02	333.23 N	739.48 E	810.96	0.646	122.079
10400.00	3.200	170.000	10276.85	327.62 N	741.01 E	810.15	0.656	122.108
10500.00	2.800	180.000	10376.72	322.42 N	741.50 E	808.55	0.657	132.313
10600.00	2.500	193.000	10476.61	317.86 N	741.01 E	806.30	0.670	122.920

The Dogleg Severity is in Degrees per 100.00 Feet
Vertical Section was calculated along an Azimuth of 66.783° (Grid)

Based upon Minimum Curvature type calculations. At a Measured Depth of 10600.00 Feet,
the Bottom Hole Displacement is 806.30 Feet, in the Direction of 66.783° (Grid)

Exhibit II

Surface Use and Construction Program

Champlin 458 Amoco "I" #1
NE/4 Sec. 29, T04N-R08E
Summit County, Utah

1. Existing Roads

- A. Existing roads are shown on Attachment No. 1.
- B. The existing roads will be maintained in accordance with plans of the State of Utah, Salt Lake City, Utah, Summit County.

2. Planned Access Roads

The access to this existing well will be via all existing roads.

3. Location of Existing Wells

The proposed well is a Twin Creek test well. Listed below are wells within a one-mile radius of the proposed well:

a.	Water Wells	1
b.	Gas Injection Wells	3
c.	Disposal Wells	0
d.	Abandoned Wells	1
e.	Producing Wells	11
f.	Drilling Wells	0

4. Location of Existing and/or Proposed Facilities

- A. On well pad:
- B. Off well pad: Should the well become productive, a tie in will be made into the Questar Pipeline. A flowline will be installed to the Processing Plant located in Sec 35 T13N-R121W. The extent and nature of future facilities is impossible to determine at this time. A production and facilities plan will be submitted when the extent and nature of production is established.

- 1) Protective measures and devices to protect livestock and wildlife: Pits will be fenced on three sides while drilling. When rig is released, fourth side will be fenced to protect stock and wildlife.

5. Location and Type of Water Supply

- A. Type and Location of Water Supply: Amoco proposes to haul or pipe water from the water well located in the NW/4 of Sec 21 T4N-R8E Summit County.
- B. Method of hauling water will be by haul truck along existing roads or temporary surface pipeline.
- C. Applicable water sources will be applied for with the State Engineer.

6. Construction Materials

- A. The well site and roads are existing, although additional gravel surfacing will likely be required. The gravel surfacing will be obtained from a properly permitted private or Federal source when the well is determined to be commercially productive.

7. Handling of Waste Materials and Disposal

Methods and location of proposed containment and disposal of waste material, including:

- A. Cuttings -- to be contained in the reserve pit, then buried during reclamation.
- B. Garbage and other waste -- contained in a wire mesh burn basket and burned or hauled to a State-approved sanitary landfill.
- C. Drilling Fluids -- to be contained in the reserve pit. Any fluids remaining in the reserve pit after drilling will be disposed of in the following manner:
 - 1) If an acceptable formation is identified for sub-surface disposal, the appropriate permits will be obtained and the fluids will be disposed downhole.
 - 2) If the reserve pit fluids will meet the State of Utah's discharge standards, or can be treated to meet these standards, the fluid will be discharged onto the land surface in an acceptable manner. No discharge will occur without first obtaining a discharge permit from the State of Utah.

- 3) If neither of the above options are viable for disposal, the reserve pit fluids will be evaporated or hauled to an approved disposal site.

Should the reserve pit be in danger of overflowing or any leakage is found, all additions of fluid will cease until the problem is corrected.

- D. Salts and Chemicals -- No salts or chemicals will be used except for those used in the drilling fluids. Salts or chemicals incorporated into the drilling fluids will be disposed of as discussed above under drilling fluids.
 - E. Sewage -- will be disposed of in accordance with State of Utah Department of Environmental Quality regulations.
 - F. Produced Fluids
 - 1) Oil will be contained in a stock tank, then removed or burned as the situation dictates for the initial testing period.
 - 2) Produced water will be contained in a storage tank after initial production and will be disposed of in the existing salt water disposal facility.
 - G. Clean up after rig removal -- once the drilling and test equipment is off, the surface of the drill pad will be graded. The "mouse" and "rat" holes and burn pits will all be filled. All trash and rubbish will be gathered and hauled to a State-approved landfill. The reserve pit will be fenced on the fourth side. Any solids left in the reserve pit will be buried in place.
8. Ancillary Facilities: None are anticipated.
9. Well Site Layout - all original plats and layouts that were submitted with the original APD apply for this recompletion.
- B. The reserve pit will be constructed 8' below ground level and be 40' x 40' x 8'
10. Plans for Reclamation of the Surface
- A. All available topsoil will be stripped from the area to be disturbed when constructing the drilling site and reserve pit. This topsoil will be stockpiled for future use in reclamation.

- B. Immediately upon completion of drilling and completion operations, the location and surrounding area will be cleared of all debris, materials, trash and junk not required for production.
- C. If the well is productive, the pad will be graded and all holes and pits filled except the reserve and flare pits. The reserve pit will be fenced and flagged until dry. At that time, the reserve pit will be backfilled and it and all other areas not needed for production operations will be recontoured to blend with the surrounding terrain. Topsoils will be set aside for replacement and stabilization for the following season. The stockpiled topsoil will be evenly spread over all disturbed area less +- 1 acre, recontour scarified, and drill seeded with a recommended mixture of 45% western wheatgrass, 45% thickspike, and 10% three forbes and shrubs (fourwing salt bush-rabbit brush-Barnett); at a rate of 15 lbs/acre. Additionally, contour water bars will be constructed. Road surfacing will be done on the access road.
- D. If the well is non-productive and is abandoned, the pad will be graded and all holes and pits filled except the reserve pit. The reserve pit will be fenced and flagged until dry. At that time, the entire location and reserve pit will be reclaimed to landowners satisfaction. The stockpiled topsoil will be evenly spread across the disturbed area.
- E. Any portions of the access road which are to be abandoned will be reclaimed in the following manner:
 - 1) The culverts and any other drainage structures will be removed.
 - 2) Cut and fill slopes will be recontoured and obliterated.
 - 3) Cross drain ditches will be constructed at appropriate intervals.
 - 4) The surface will be scarified to a minimum 12" depth
 - 5) All available topsoil will be distributed across the disturbed area.
- F. All disturbed areas not retained for production and/or roadways will be reseeded.
- G. The timetable for commencement and completion of the rehabilitation operation is as soon as feasible following drilling and completion operations.

11. Surface Ownership

The surface is owned by Castlerock Land and Livestock

12. Other information

- A. The dirt contractor will be provided with an approved copy of the Surface Use Plan.
- B. Operations pertaining to the construction, drilling, completion, and reclamation of this well are covered under the provisions of Amoco's nationwide bond WY2924.

13. Lessee's or Operator's Representative and Certification

Representative for Amoco Production Company is G.H. Cotten, Drilling Superintendent, P.O. Box 800 Denver, CO 80201.

"I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are to the best of my knowledge true and correct; and that the work associated with the operations proposed herein will be performed by Amoco Production Company and its contractors and subcontractors in conformity with this plan, and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of false statements."

Name and Title:

G.H. Cotten, Drilling Superintendent

Date: G. H. Cotten / per

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 08/14/96

API NO. ASSIGNED: 43-043-30259

WELL NAME: CHAMPLIN 458 AMOCO "I" REENTRY
 OPERATOR: AMOCO PRODUCTION (N0050)

PROPOSED LOCATION:
 SWNW 29 - T04N - R08E
 SURFACE: 1324-FNL-1330-FEL
 BOTTOM: 2535-FNL-2798-FEL
 SUMMIT COUNTY
 ANSCHUTZ RANCH EAST FIELD (505)

INSPECT LOCATION BY: / /		
TECH REVIEW	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: FEE
 LEASE NUMBER: PATENTED

PROPOSED PRODUCING FORMATION: TWNCR

RECEIVED AND/OR REVIEWED:

___ Plat
 ___ Bond: Federal[] State[] Fee[]
 (Number _____)
 ___ Potash (Y/N)
 ___ Oil shale (Y/N)
 ___ Water permit
 (Number _____)
 ___ RDCC Review (Y/N)
 (Date: _____)

LOCATION AND SITING:

___ R649-2-3. Unit: _____
 ___ R649-3-2. General.
 ___ R649-3-3. Exception.
 ___ Drilling Unit.
 Board Cause no: _____
 Date: _____

COMMENTS: _____

STIPULATIONS: _____

was calculated based on the Westcott, Dunlop and Kemler curve. Engineering responsibility for use of this design will be that of the purchaser.
Costs for this design are based on a 1987 pricing model. (Version 1.07)

**STATE OF UTAH
DIVISION OF OIL, GAS AND MINING**

5. Lease Designation and Serial Number:

FEE

6. If Indian, Allottee or Tribe Name:

7. Unit Agreement Name:

8. Well Name and Number:

Champlin 458 I #1

9. API Well Number

43-043-30259

10. Field and Pool, or Wildcat:

Anschutz Ranch East

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals

1. Type of Well: OIL GAS OTHER

2. Name of Operator:
Amoco Production Company

3. Address and Telephone Number:

P. O. Box 800, Denver CO 80201, Suite 812B 303-830-4781

4. Location of Well

Footages:

1323.6' FMNL X 1329.9' FEL

County:
Summit

QQ, Sec., T.,R.,M.:

Sec.29-T4N-R8E

State:
Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT
(Submit in Duplicate)

SUBSEQUENT REPORT
(Submit Original Form Only)

- | | |
|--|---|
| <input type="checkbox"/> Abandonment | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

- | | |
|--|---|
| <input type="checkbox"/> Abandonment* | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other _____ | |

Approximate date work will start _____

Date of work completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Requested verbal permission to dig out a dry hole maker and inspect the wellhead . Verbal was granted by Mike Herbertson on 6/26/98 at 2:00pm.

If you require additional information, please contact Gigi Martinez at (303) 830-4781.

13. Signature

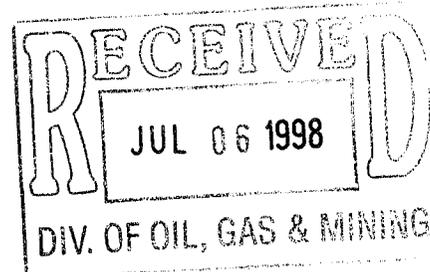
G. G. Martinez

Title: **Regulatory Agent**

Date:

7/1/98

(This space for State use only)



PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

Well File Champlin 458 I #1

Suspense

Other

(Loc.) Sec 29 Twp 4N Rng 8E
(API No.) 43-043-30259

(Return Date) _____

(To-Initials) _____

1. Date of Phone Call: 11-17-98 Time: 2:30

2. DOGM Employee (name) L. Cardona (Initiated Call)
Talked to:

Name G. G. Martinez (Initiated Call) - Phone No. (303) 830-4781
of (Company/Organization) Amoco Prod. Co.

3. Topic of Conversation: APD to re-enter the well which was approved by DOGM on 8-16-96.

4. Highlights of Conversation:

* wanted to let her know that the above approval has expired as of 8-16-97. New int. to re-enter will need to be submitted if they plan to re-enter.

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

FORM 3

AMENDED REPORT
(highlight changes)

APPLICATION FOR PERMIT TO DRILL				5. LEASE DESIGNATION AND SERIAL NUMBER: Fee	
1A. TYPE OF WORK: DRILL <input type="checkbox"/> REENTER <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>				6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A	
B. TYPE OF WELL: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER _____ SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>				7. UNIT or CA AGREEMENT NAME: N/A	
2. NAME OF OPERATOR: Amoco Production Company				8. WELL NAME and NUMBER: Champlin 458 Amoco I #1A	
3. ADDRESS OF OPERATOR: <u>1013 Cheyenne Dr. Ste A</u> P.O. Box 820 CITY <u>Evanston</u> STATE <u>WY</u> ZIP <u>82930</u>			PHONE NUMBER: <u>(307) 783-2406</u>	9. FIELD AND POOL, OR WILDCAT: Anschutz Ranch East/Nugget	
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: <u>1322 FNL x 1330' FEL NENE</u> <u>4544810N</u> <u>495006E</u> AT PROPOSED PRODUCING ZONE: <u>435' FSL x 2072' FEL SE Section 20-T4N-R8E</u> <u>4545345N</u> <u>494772E</u>				10. QTR/GTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENE 29 T4N R8E	
13. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 20 miles				11. COUNTY: Summit	12. STATE: UTAH
14. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) 1322'		15. NUMBER OF ACRES IN LEASE:		16. NUMBER OF ACRES ASSIGNED TO THIS WELL:	
17. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) Reentry - Champlin 458 I #1		18. PROPOSED DEPTH: 13,550		19. BOND DESCRIPTION: 103172911249	
20. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 7551' KB		21. APPROXIMATE DATE WORK WILL START: 6/15/2001		22. ESTIMATED DURATION: Approx 25 days	

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT	SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT
8 1/2"	7" L-80 32#	13,550	Hung at 9750'
			Cement w/Lite Crete
			using caliper plus
			20 % volume
			Water Well #1
			#21-1592

RECEIVED

ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:

MAY 04 2001

- WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER
- EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER

- COMPLETE DRILLING PLAN
- FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER

DIVISION OF
OIL, GAS AND MINING

NAME (PLEASE PRINT) Kristina Lee 303-423-5749 TITLE Consultant - Amoco Production Company
SIGNATURE *Kristina Lee* DATE 5/3/01

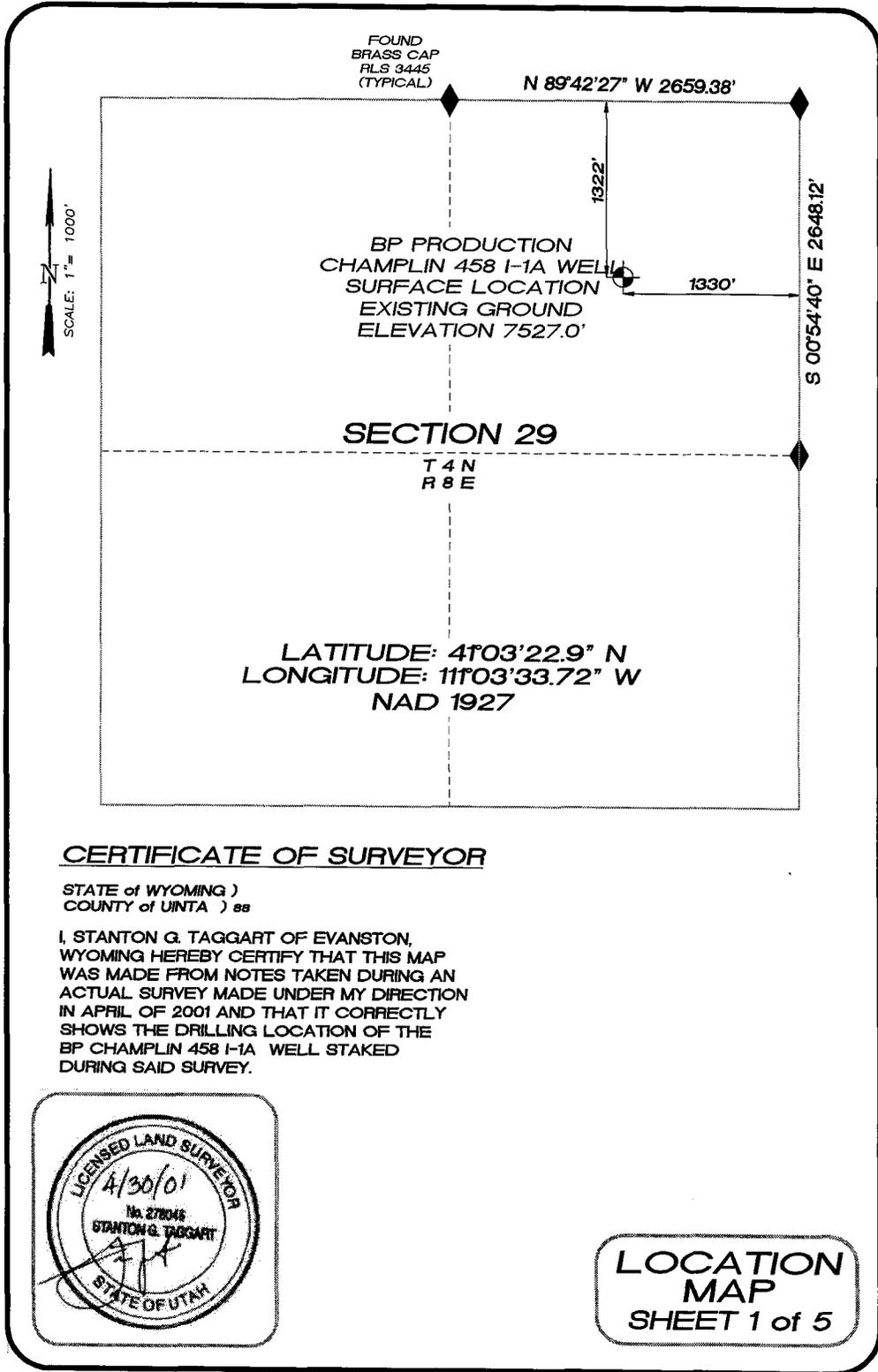
(This space for State use only)

API NUMBER ASSIGNED: 43-043-30259

APPROVAL:

**Approved by the
Utah Division of
Oil, Gas and Mining**

Date: 06-13-01
By: *[Signature]*



CERTIFICATE OF SURVEYOR

STATE of WYOMING)
COUNTY of UNTA) ss

I, STANTON G. TAGGART OF EVANSTON,
WYOMING HEREBY CERTIFY THAT THIS MAP
WAS MADE FROM NOTES TAKEN DURING AN
ACTUAL SURVEY MADE UNDER MY DIRECTION
IN APRIL OF 2001 AND THAT IT CORRECTLY
SHOWS THE DRILLING LOCATION OF THE
BP CHAMPLIN 458 I-1A WELL STAKED
DURING SAID SURVEY.



**LOCATION
MAP**
SHEET 1 of 5

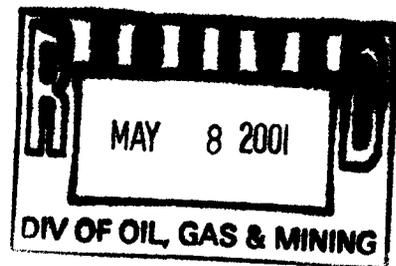
May 8, 2001

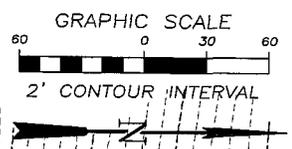
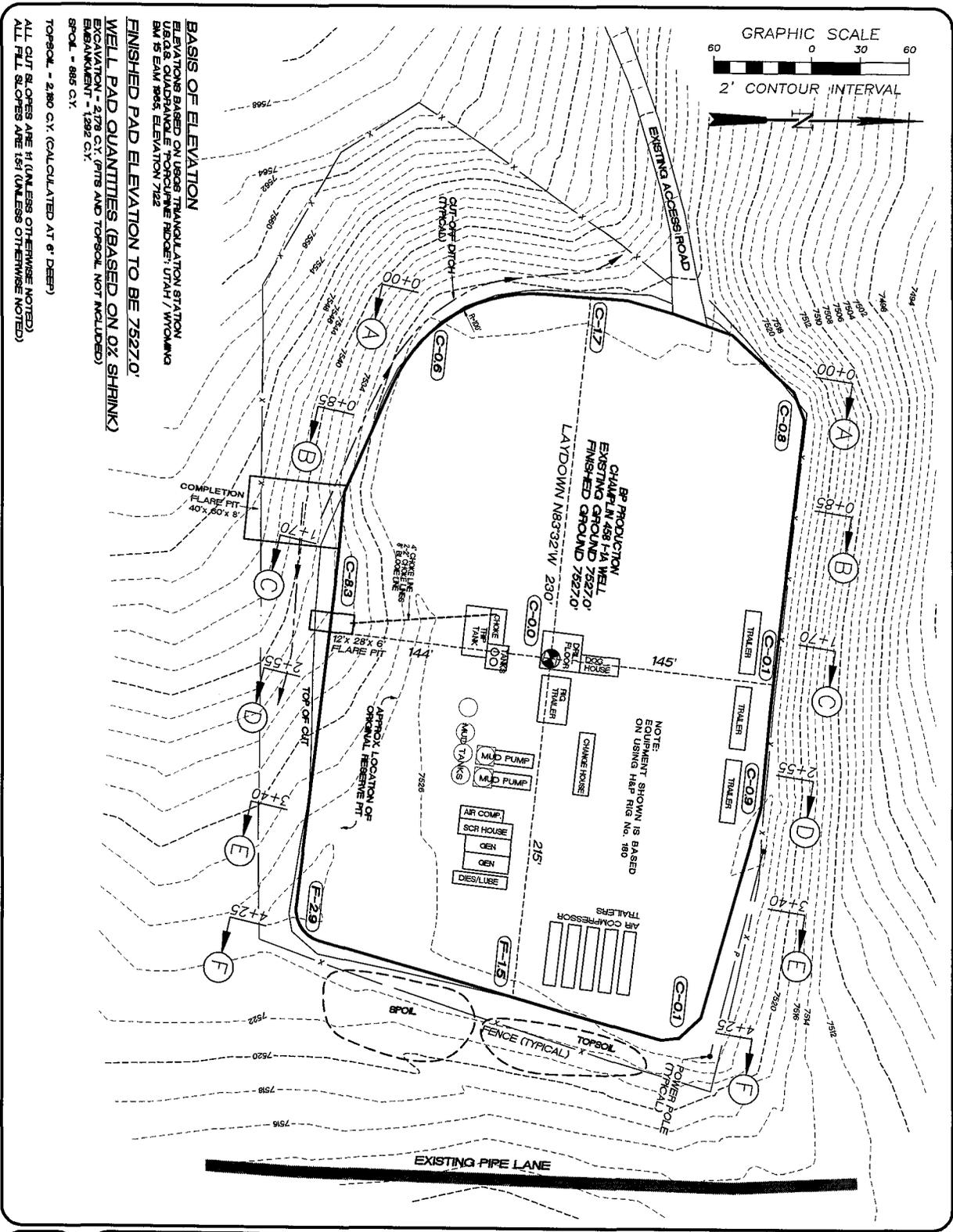
Lecia,

Fax = 801-359-3940

**Landowner information for the
Champlin 458 I #1A:**

**Castle Rock Land & Livestock
Attn: David Allan
801-328-1600**





BASIS OF ELEVATION
 ELEVATIONS BASED ON USGS TRIANGULATION STATION
 U.S.G.S. QUADRANGLE FORQUINE RIDGE, UTAH / WYOMING
 BM 75 EAM 1985, ELEVATION 7122

FINISHED PAD ELEVATION TO BE 7527.0'

WELL PAD QUANTITIES (BASED ON 0% SHRINK)

EXCAVATION - 2178 C.Y. (PITS AND TOPSOIL NOT INCLUDED)
 EMBANKMENT - 1292 C.Y.

SPOIL - 885 C.Y.

TOPSOIL - 2,180 C.Y. (CALCULATED AT 6" DEEP)
 ALL CUT SLOPES ARE H (UNLESS OTHERWISE NOTED)
 ALL FILL SLOPES ARE 1S1 (UNLESS OTHERWISE NOTED)

COMPLETION
 FLARE PIT
 40'x60'x 6'

12'x 28'x 6'
 FLARE PIT

APPROX LOCATION OF
 ORIGINAL RESERVE PIT

NOTE:
 EQUIPMENT SHOWN IS BASED
 ON USING H&P RIG NO. 189

WELL PAD
 DETAIL
 SHEET 3 of 5

MAP to ACCOMPANY
 APPLICATION for PERMIT to DRILL
 BP PRODUCTION
 CHAMPLIN 458 I-1A WELL
 1322' FNL 1330' FEL
 SECTION 29, T4N, R8E, SLB&M
 SUMMIT COUNTY, UTAH

UESI
 UTA ENGINEERING & SURVEYING, INC.
 200 MAIN ST. EVANSTON, WY 82630, 1-307-766-3602
 E-MAIL: units@uwsL.net
 DATE: 04/17/01 JOB: 001-10-00 PLS: 01-10-00 DRK: 6000-B
 DRAWN BY: Travis Mariner

Amoco Production Company
Anschutz Ranch East Champlin 458 "I" #1-A
1,322' FNL, 1,330' FEL Section 29, T4N, R8E (Surface)
435' FSL, 2,072' FEL, Section 20, T4N, R8E (Bottom Hole)
Summit County, Utah

Note that this APD is for our proposed cleaning out and sidetracking of the subject well to re-enter the Nugget formation higher in the structure. The original well failed to find oil or gas in economic amounts and was plugged in the Nugget, at the base of the intermediate casing string and at the surface.

DRILLING PROGNOSIS

1. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS

Estimated KB Elevation of 7,551 feet.

<u>FORMATION</u>	<u>Measured</u>	<u>True Vertical</u>	<u>Subsea</u>
Wasatch	22'	22'	+7,529'
Gannett	3,968'	3,967'	+3,584'
Pruess	8,950'	8,844'	-1,293'
Massive Salt	9,817'	9,703'	-2,152'
Twin Creek	10,438'	10,320'	-2,769'
KOP	10,594'	10,471'	-2,920'
Nugget	12,450'	11,887'	-4,336'
Total Depth	13,550'	12,053'	-4,502'

2. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERAL BEARING FORMATIONS

<u>FORMATION</u>	<u>DEPTH (TVD-ft)</u>	<u>SUBSTANCE</u>
Wasatch	surface - 4,000'	Possible Water/Sands
Twin Creek	10,320' - 11,887'	Possible Gas/Condensate
Nugget	11,887' - 12,053'	Probable Gas/Condensate

No disturbance of the existing surface and protective casing strings is anticipated.

3. PRESSURE CONTROL EQUIPMENT-Schematic attached

- A. Type: 11,000"-5,000 psi WP Annular BOP
11,000"-5,000 psi WP Double Ram BOP's
11,000"-5,000 psi WP Single Ram BOP's

The Blow Out Prevention Equipment will be set up as follows:

- Rotating Blowout Preventer
- Annular Preventer

- Blind Rams
- Pipe Rams (4.500")
- Drilling Spool with 2-4 1/16" outlets
- Pipe Rams (4.500")
- Casing Head
- Kill line equipped with 2-3 1/16" x 5,000 psi valves, one of which will be a check valve
- Choke line equipped with 2-3 1/16" x 5,000psi valves
- Choke manifold equipped with 2-3 1/16" x 5,000-psi valves, 4-2 1/16" x 5,000-psi wing outlet valves, a remote operated 2 1/16"-5,000 psi choke, a manual 2"-5,000 psi choke and a pressure gauge.
- Upper kelly cock with handle available on floor
- Full opening internal blowout preventer or drill pipe safety valve to fit all connections

A diagram of the BOP and choke configuration is attached.

B. **Pressure rating:** 5,000 psi working pressure

C. **Testing Procedures:**

Annular Preventer

At a minimum, the Annular Preventer will be pressure tested to 50% of the rated working pressure for a period of ten (10) minutes or until provisions of the test are met, whichever is longer. The above pressure test will be performed as required.

- At initial installation
- Whenever any seal subject to test pressure is broken
- Following any related repairs
- At a minimum of thirty (30) day intervals

In addition, the annular preventer will be functionally operated at least weekly.

Ram Preventers

At a minimum, the Ram Preventers and the remaining BOPE (with the exception of the annular preventer) will be pressure tested to the approved working pressure of the BOP stack (if isolated from the surface or intermediate casing by a test plug). If the BOP stack is not isolated from the casing, then the equipment will be tested to 70% of the internal yield strength of the casing. Pressure will be maintained for a period of at least ten (10) minutes or until the requirements of the test are met, whichever is longer.

The above pressure test will be performed as required.

- At initial installation
- Whenever any seal subject to test pressure is broken
- Following any related repairs
- At a minimum of thirty (30) day intervals

In addition to the above, the pipe and blind rams will be activated each trip, but not more than once each day. Each crew will conduct blow out preventer drills no less than once every week. All BOP drills and tests will be recorded in the IADC driller's log.

The Utah Division of Oil, Gas and Mining will be notified at least twenty-four (24) hours in advance of pressure tests.

D. Choke Manifold Equipment:

All choke lines will be straight unless turns utilize tee blocks or are targeted with running tees, and the lines will be anchored to prevent whip and vibration.

E. Accumulator:

The accumulator will have sufficient capacity to open the hydraulically-controlled choke line valve, close all pipe rams plus the annular preventer, and retain a minimum of 200 psi above the precharge on the closing manifold without the use of the closing unit pumps.

The fluid reservoir capacity will be double the usable fluid volume of the accumulator's system capacity and the fluid level of the reservoir will be maintained at the manufacturer's recommendations.

The BOP system will have two (2) independent power sources to close preventers. Nitrogen bottles (a minimum of 3) will be one (1) of these independent power sources and will maintain a charge equal to the manufacturer's specifications.

The accumulator precharge pressure test will be conducted prior to connecting the closing unit to the BOP stack and at least once every six (6) months thereafter. The accumulator pressure will be corrected if the measured precharge pressure is found to be above or below the maximum or minimum limits specified in Onshore Oil and Gas Order Number 2.

F. Miscellaneous Information:

The Blow-Out Preventer and related pressure control equipment will be installed, tested and maintained in compliance with the specifications in and the requirements of Onshore Oil and Gas Order Number 2.

The choke manifold and BOP extension rods with hand wheels will be located outside the rig substructure. The hydraulic BOP closing unit will be located at least twenty-five (25) feet from the well head and will be readily accessible to the driller. Exact locations and configurations of the hydraulic BOP closing unit will depend upon the particular rig contracted to drill this hole.

Flare lines will be installed down stream from the choke manifold, extending a minimum of one hundred-twenty five (125) feet from the center of the drill hole to a separate flare pit.

4. THE PROPOSED CASING AND CEMENTING PROGRAM

A. The Casing Program

<u>Hole Size</u>	<u>Casing Size</u>	<u>Wt./Ft.</u>	<u>Grade</u>	<u>Joint</u>	<u>Depth</u>	<u>Description</u>
17.500"	13.375"	54.50	K-55	BTC	4,379'	Existing
12.250"	10.625-9.625"	47 - 101.4	N/P	X-LTC	10,567'	Existing
8.500"	7.000"	32	L-80	LTC	9,750' - 13,550'	To Be Run

A casing inspection log will be run in the existing 9.625" x 10.625" casing string. All tubulars to be run will be new or inspected to premium specifications. Casing strings will be pressure tested to 0.22 psi/ft of casing string length or to 1,500 psi whichever is greater (not to exceed 70% of the internal yield strength of the casing), after cementing and prior to drilling out from under the casing shoe. All tubulars will have safety factors exceeding 1.00 in burst, 1.00 in collapse and 1.60 in tension.

B. The Cementing Program

Surface Casing: None – Casing is in place and will not be disturbed.

Intermediate Casing: None – Casing are in place and will not be disturbed.

Sidetrack Plug: An initial sidetrack will be attempted immediately below intermediate casing at 11,561' utilizing the original P & A plug.

If the original plug proves to be inadequate, a 500' weighted (17 ppg) Class "G" slurry plug will be set from 10,850' back to 10,350'. The additives will be based on 186⁰ BHST and 125⁰ BHCT to give an approximate pump time of 2 hours. The cement will be placed through a cementing stinger assembly consisting of 500' of 3.500" tubing, bull plugged on bottom with 15 – 0.500" holes bored into the bottom joint. Approximately 325 sacks will be required, assuming a 10.000" average hole size plus 20% excess and a yield of 1.00 ft³/sack.

Production Liner: The 7.000" production liner will be hung at 9,750'. It will be cemented with Dowell's LiteCrete cement using caliper plus 20% volume. The cement slurry weighs 10.5 ppg and has a compressive strength of 2,000 psi in 24 hours. The liner is to be hung at 9,750' to give a double coverage of the massive salt section with cement brought back to the top of the liner.

5. MUD PROGRAM

Interval	Type	Weight	Remarks
KOP – TD	Foam	4.0 – 5.0 ppg	Foam will be used to maintain hydrostatic pressure equivalent to reservoir pressure

6. EVALUATION PROGRAM

Electric Logging Program

<u>Hole Size</u>	<u>Mud Type</u>	<u>Interval</u>	<u>Logging Suite</u>
8.500"	Foam	KOP - TD	Gamma Ray in casing

Mud Logging Program

<u>Hole Size</u>	<u>Interval</u>	<u>Sample Frequency</u>	<u># of Sample Cuts</u>
8.500"	KOP - TD	10'	2

Formation Integrity Test

A formation integrity test will not be conducted because of the amount of open hole below the 10.625" intermediate casing. An FIT was conducted below the 10.625" casing during drilling operations in the original hole.

Notes:

- The Mud loggers should monitor the wellbore fluid and flow parameters at all times, whether drilling is in progress or not.
 - No cores will be taken.
 - The evaluation program may change at the discretion of the wellsite geologist, with prior approval from the Authorized Officer Utah Division of Oil, Gas and Mining. Whether the well is completed as a dry hole or as a producer, the proper *Utah Division of Oil, Gas and Mining* form will be submitted to the Utah Division of Oil, Gas and Mining no later than thirty (30) days after the completion of the well or after completion of operations being performed.
 - Two copies of all logs, core descriptions, core analyses, well test data, geologic summaries, sample descriptions and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations will be filed with the above Completion Report. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the Utah Department of Natural Resources.
8. This sidetrack is planned to re-enter this temporarily abandoned well, place a cement plug from 10,850' back to 10,350' (if necessary); sidetrack off the plug and reenter the Nugget reservoir at a much shallower depth.

It will be necessary to dig the dry hole marker out, hot tap the 13.375" casing to insure that no pressure is trapped, and cut off a section of the 13.375" casing to expose the 9.625" intermediate casing string. The 9.625" casing will then be hot tapped to bleed any trapped pressure. A short section of 9.625", 53.50 ppg, L-80 casing will be welded onto the casing stub and an 11" x 5,000 psi Slip-on-Weld casing head will be installed and tested.

The rotary tools will then be moved in and rigged up, blowout equipment will be installed and tested as described in Section 3 of this prognosis. A full system of equipment will also be installed at this time to allow drilling the Nugget Reservoir only slightly overbalanced to minimize damage and to limit flaring. The time required to drill the relatively short section of Nugget is estimated at three days. No surface pits will be required other than the flare pit. The cuttings (approximately 50 yd³) will be utilized to reclaim the flare pit. The cement plug at surface, the three cast iron bridge plugs and the cement plug at the bottom of the intermediate casing will be milled out to a measured depth of 10,575'. If the existing cement is sufficiently strong at 10,575', the well will be sidetracked using directional tools at this time. If the plug does not have sufficient strength, the open hole will be cleaned out to 10,850' and a 17.0 ppg cement plug will be placed from 10,850' back to 10,350'.

After allowing the cement to harden, the plug will be drilled out to 10,575' and an oriented sidetrack to the Northwest will be initiated. An 8.500" hole will be directionally drilled at a 315° azimuth and the angle will be increased to approximately 85°. The tie-in point will be taken from the original gyro survey of the well. The Nugget sand will be re-entered at 12,450' TMD and a TVD of 11,887', with total depth at approximately 13,550' TMD and 12,053' TVD. It is necessary to build such high angles due to the extremely complex geology in this particular well. The Nugget formation dips at angles exceeding 60° in the original well bore. The Nugget reservoir will be drilled with a foam circulation system to slightly over balance the reservoir pressure (estimated at 2,500 psi). A 7.000" liner will be run from 9,750' to total depth, and will be cemented back to the top of liner utilizing Dowell's LiteCrete, mixed at 10.5 ppg.

A gamma ray/collar locator log will be run in the cased hole and the prospective Nugget zones will be perforated. A string of 2.875" tubing will be run and the Nugget will be stimulated with a small acid job if necessary.

A copy of the proposed well profile and a copy of the blowout equipment diagrams are attached.

9. ABNORMAL CONDITIONS

No abnormal pressures or temperatures are anticipated. Maximum anticipated bottom hole pressure is 3,000 psi.

10. ANTICIPATED STARTING DATES AND NOTIFICATION OF OPERATIONS

A. Anticipated Starting Dates:

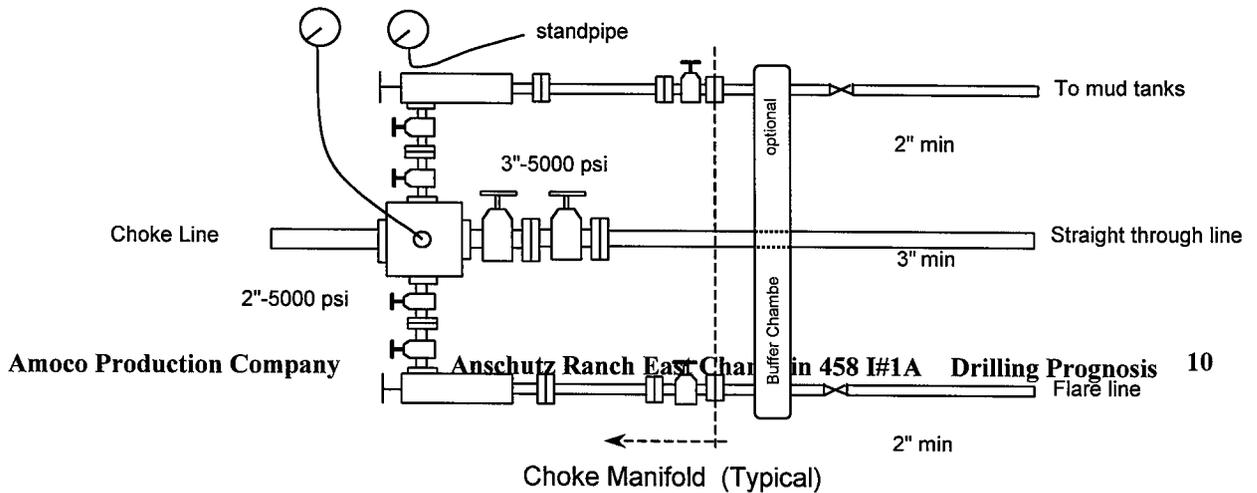
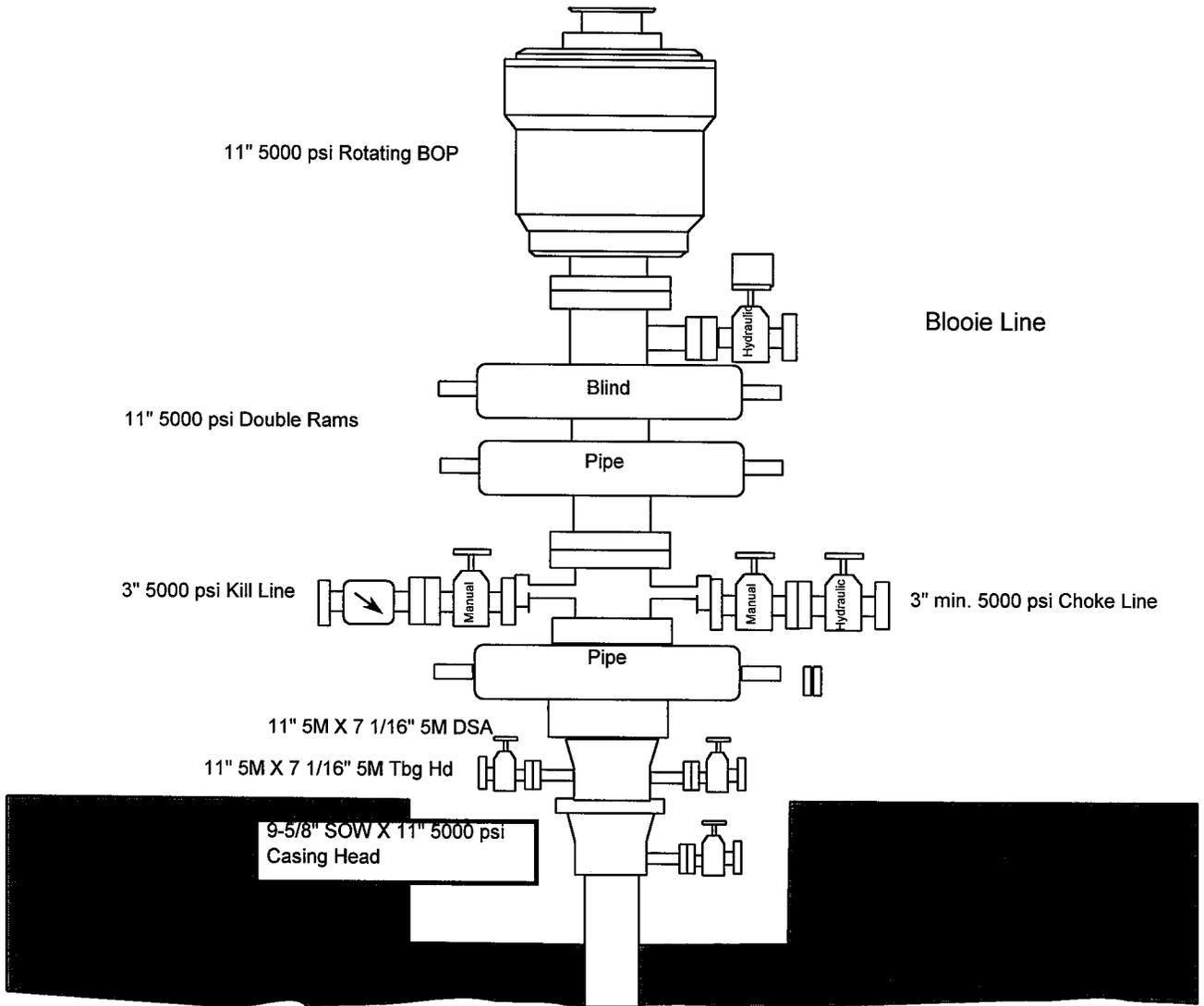
Operation Commencement date:	15 June 2001
Drilling Days	Approximately 30 days
Completion Days	Approximately 10 days

B. Notification of Operations: The Utah Division of Oil, Gas and Mining and the BLM must both be notified of Spud date.

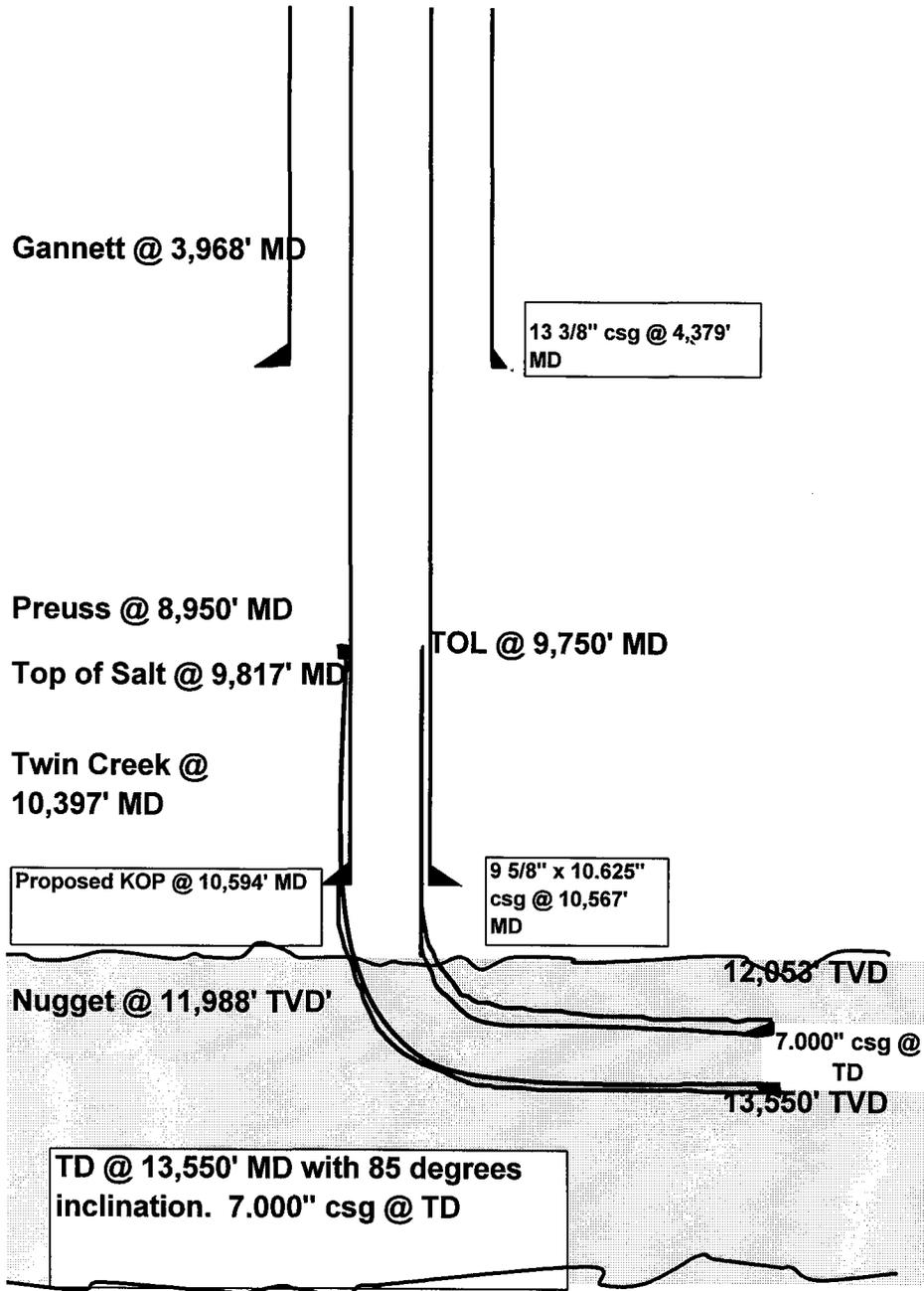
Date: 5/3/01

Prepared by: Brad Bilyeu
Brad Bilyeu

BOPE Diagram (minimum requirements)



Champlin 458 "I" #1-A Well Bore Diagram



Proposed Well Profile - Geodetic Report

<p>Report Date: April 12, 2001 Client: BP Field: UT Summit County Structure / Slot: Champlin 458 I-1 / Champlin 458 I-1 Well: Champlin 458 I-1 Borehole: Original Hole UW/API#: _____ Survey Name / Date: REV1 12Apr01 / April 12, 2001 Tort / AHD / DDI / ERD ratio: 150.461° / 3169.83 ft / 5.729 / 0.263 Grid Coordinate System: NAD27 Wyoming State Planes, Western Zone, US Feet Location Lat/Long: N 41 3 22.572, W 111 3 33.408 Location Grid N/E Y/X: N 143443.369 ftUS, E 230841.996 ftUS Grid Convergence Angle: -0.64103738° Grid Scale Factor: 1.00002398</p>	<p>Survey / DLS Computation Method: Minimum Curvature / Lubinski Vertical Section Azimuth: 337.100° Vertical Section Origin: N 0.000 ft, E 0.000 ft TVD Reference Datum: KB TVD Reference Elevation: 7553.0 ft relative to MSL Sea Bed / Ground Level Elevation: 7553.000 ft relative to MSL Magnetic Declination: 13.210° Total Field Strength: 53545.675 nT Magnetic Dip: 66.698° Declination Date: April 12, 2001 Magnetic Declination Model: BGM 2000 North Reference: Grid North Total Corr Mag North -> Grid North: +13.851° Local Coordinates Referenced To: Well Head</p>
--	---

Station ID	MD (ft)	Incl (°)	Azim (°)	TVD (ft)	VSec (ft)	N-S (ft)	E-W (ft)	DLS (°/100ft)	Grid Coordinates		Geographic Coordinates	
									Northing (ftUS)	Easting (ftUS)	Latitude	Longitude
Tie-In / KOP 3.85°/100	10594.00	2.51	192.14	10470.61	4.86	318.14	740.65	0.00	143761.52	231582.66	N 41 3 25.797	W 111 3 23.788
	10600.00	2.39	196.75	10476.60	4.65	317.89	740.58	3.85	143761.27	231582.59	N 41 3 25.795	W 111 3 23.789
	10700.00	3.41	277.86	10576.51	4.57	316.29	737.04	3.85	143759.67	231579.05	N 41 3 25.778	W 111 3 23.835
	10800.00	6.86	298.05	10676.10	10.73	319.51	728.81	3.85	143762.89	231570.82	N 41 3 25.809	W 111 3 23.942
	10900.00	10.59	304.46	10774.93	23.12	327.53	715.95	3.85	143770.91	231557.96	N 41 3 25.887	W 111 3 24.111
	11000.00	14.39	307.54	10872.54	41.67	340.31	698.52	3.85	143783.69	231540.53	N 41 3 26.011	W 111 3 24.341
	11100.00	18.20	309.35	10968.51	66.32	357.79	676.58	3.85	143801.17	231518.59	N 41 3 26.182	W 111 3 24.630
	11200.00	22.03	310.55	11062.39	96.93	379.89	650.24	3.85	143823.27	231492.25	N 41 3 26.397	W 111 3 24.977
	11300.00	25.86	311.41	11153.77	133.38	406.53	619.62	3.85	143849.91	231461.63	N 41 3 26.657	W 111 3 25.380
	11400.00	29.70	312.06	11242.22	175.50	437.57	584.86	3.85	143880.95	231426.87	N 41 3 26.960	W 111 3 25.838
	11500.00	33.54	312.58	11327.36	223.10	472.87	546.11	3.85	143916.25	231388.12	N 41 3 27.304	W 111 3 26.349
	11600.00	37.38	313.00	11408.79	275.96	512.28	503.54	3.85	143955.66	231345.55	N 41 3 27.689	W 111 3 26.911
	11700.00	41.23	313.35	11486.15	333.86	555.62	457.36	3.85	143999.00	231299.37	N 41 3 28.112	W 111 3 27.520
	11800.00	45.07	313.65	11559.10	396.52	602.69	407.76	3.85	144046.07	231249.77	N 41 3 28.572	W 111 3 28.174
	11900.00	48.92	313.91	11627.29	463.66	653.28	354.98	3.85	144096.66	231196.98	N 41 3 29.066	W 111 3 28.870
	12000.00	52.76	314.15	11690.43	534.98	707.16	299.24	3.85	144150.55	231141.24	N 41 3 29.592	W 111 3 29.606

	12100.00	56.61	314.36	11748.23	610.17	764.09	240.81	3.85	144207.48	231082.81	N 41 3 30.148	W 111 3 30.377
	12200.00	60.45	314.55	11800.43	688.87	823.81	179.94	3.85	144267.20	231021.94	N 41 3 30.731	W 111 3 31.180
	12300.00	64.30	314.73	11846.79	770.73	886.06	116.91	3.85	144329.45	230958.91	N 41 3 31.339	W 111 3 32.012
	12400.00	68.14	314.90	11887.10	855.39	950.55	52.01	3.85	144393.94	230894.01	N 41 3 31.969	W 111 3 32.868
	12500.00	71.99	315.06	11921.18	942.47	1016.99	-14.48	3.85	144460.38	230827.52	N 41 3 32.618	W 111 3 33.746
	12600.00	75.84	315.21	11948.89	1031.56	1085.07	-82.25	3.85	144528.46	230759.74	N 41 3 33.283	W 111 3 34.640
	12700.00	79.68	315.36	11970.08	1122.27	1154.51	-150.99	3.85	144597.90	230691.00	N 41 3 33.962	W 111 3 35.548
	12800.00	83.53	315.50	11984.67	1214.19	1224.97	-220.41	3.85	144668.37	230621.58	N 41 3 34.650	W 111 3 36.464
Begin 84.79° Tangent	12832.60	84.79	315.55	11987.99	1244.35	1248.11	-243.13	3.85	144691.51	230598.86	N 41 3 34.877	W 111 3 36.764
TD / PBHL	13547.88	84.79	315.55	12053.00	1906.87	1756.59	-741.98	0.00	145200.00	230100.00	N 41 3 39.845	W 111 3 43.350

Survey Error Model: Wolff & deWardt 1.0000 sigma

Surveying Programme:

MD From (ft)

10594.00

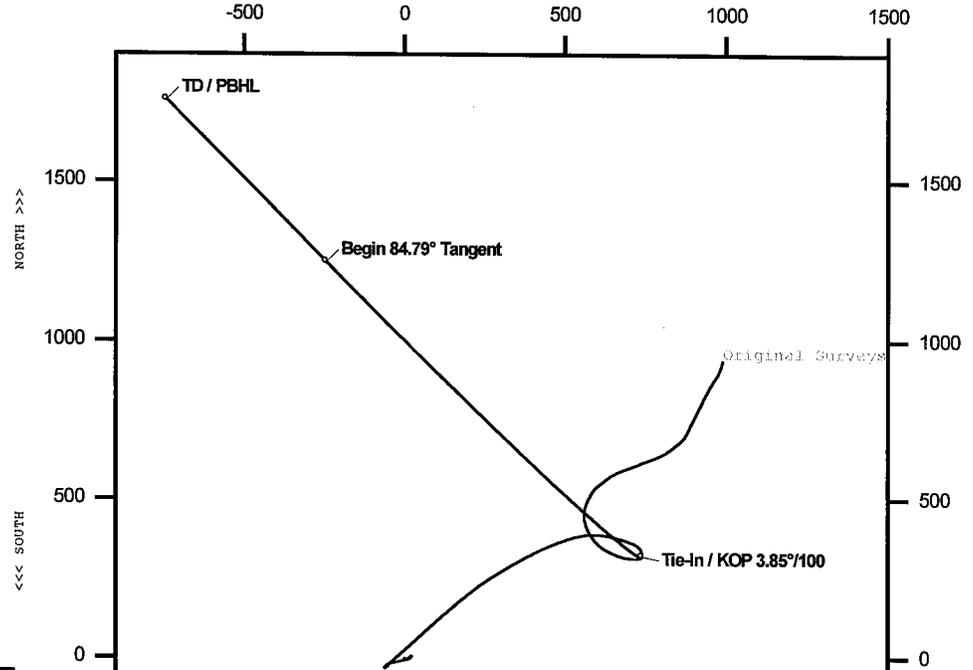
MD To (ft) EQU Freq Survey Tool Type

13547.88 Act-Stns Anadrill MWD (none assigned-default tool used)

BP

WELL Champlin 458 I-1	FIELD UT Summit County	STRUCTURE Champlin 458 I-1
---------------------------------	----------------------------------	--------------------------------------

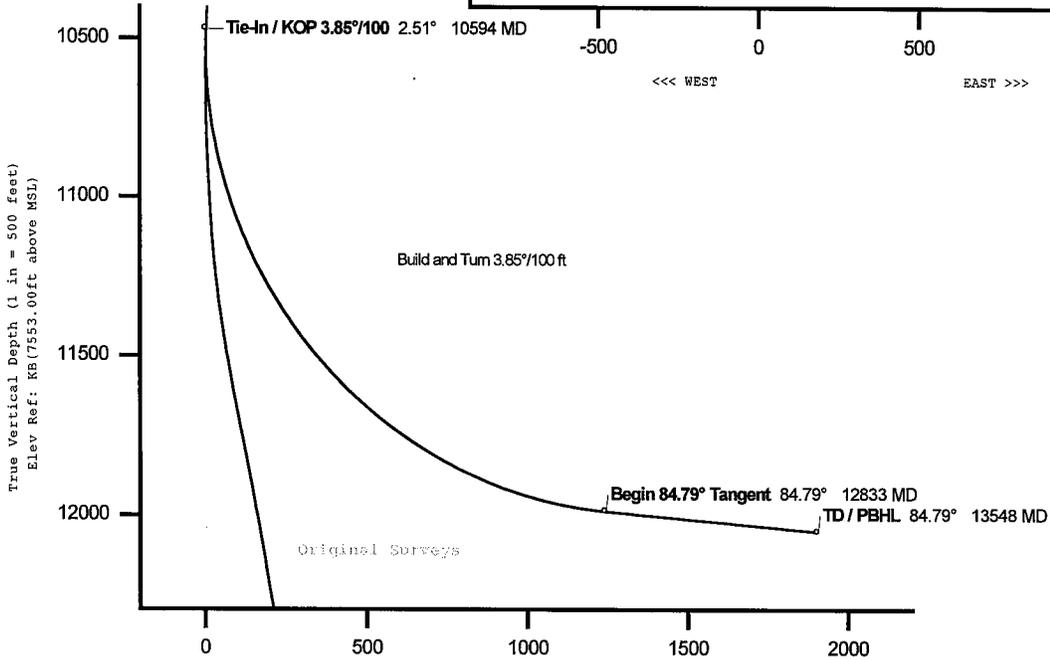
PLAN VIEW Scale (1 in = 500 feet)



Grid North
 Tot Corr (E 13.85°)
 Mag Dec (E 13.21°)
 Grid Conv (W 0.64°)

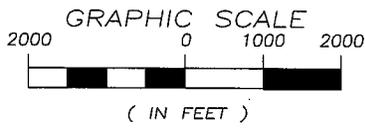
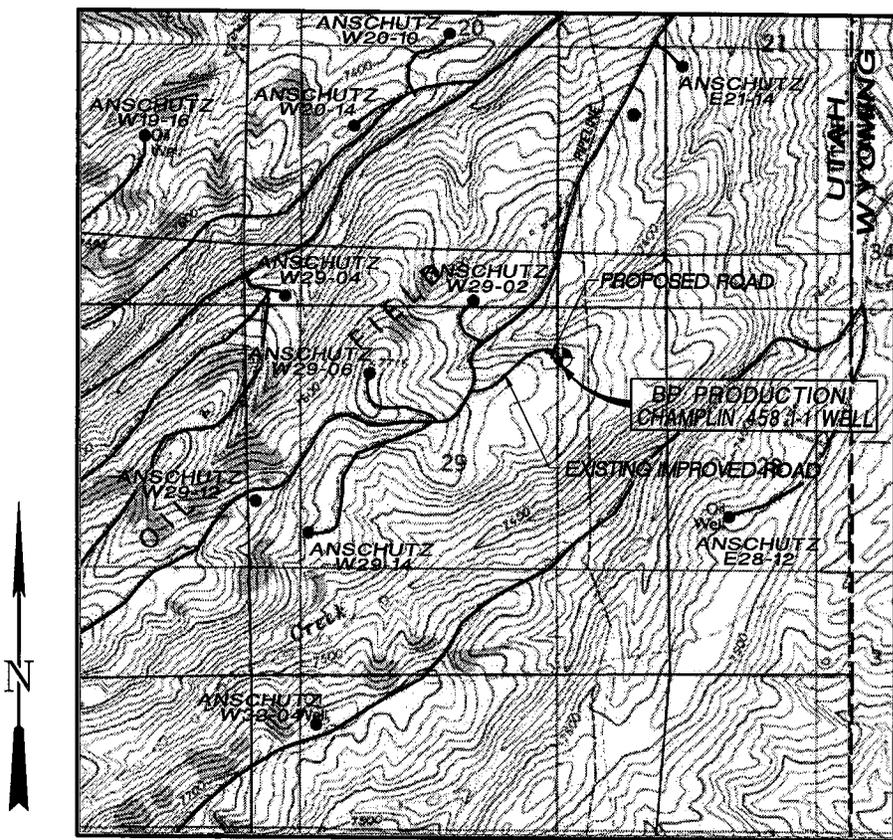
— Proposal
 — Survey

Vertical Section View



Quality Control
 Date Drawn: 12-Apr-2001
 Drawn by: K Sullivan
 Checked by: _____
 Client OK: _____

CHEVRON U.S.A.
BP PRODUCTION - CHAMPLIN 458 I-1A WELL
1322' FNL 1330' FEL
SECTION 29, T4N, R8E, SLB&M
SUMMIT COUNTY, UTAH



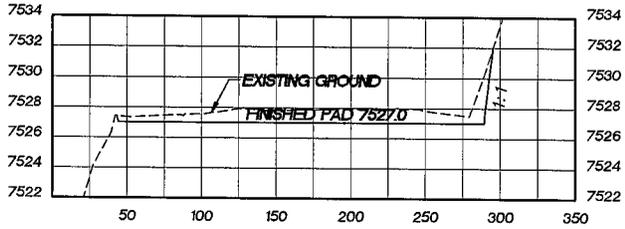
UESI

UNTA ENGINEERING & SURVEYING, INC.
 808 MAIN ST. EVANSTON, WY 82930
 E-MAIL: unta@alwest.net

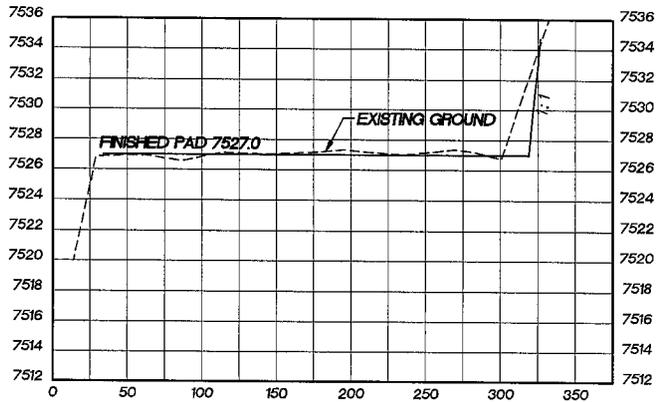
DATE: 04/26/01 JOB No. 01-10-26
 FILE: 01-10-26VIC DISK: 500-B

**VICINITY
 MAP
 SHEET 2 of 5**

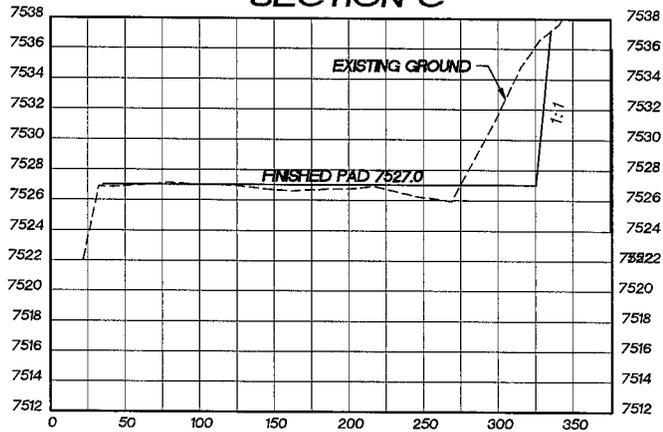
SECTION A



SECTION B



SECTION C



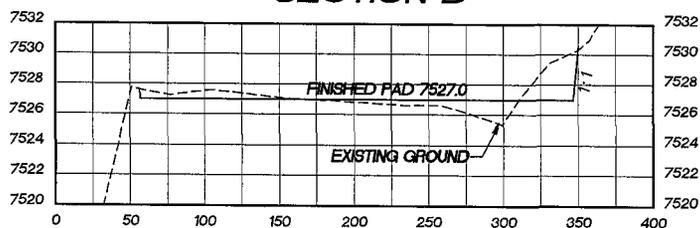
HORIZ. SCALE: 1" = 100'
VERT. SCALE: 1" = 10'

ALL CUT SLOPES ARE 1:1 (UNLESS OTHERWISE NOTED)
 ALL FILL SLOPES ARE 1.5:1 (UNLESS OTHERWISE NOTED)

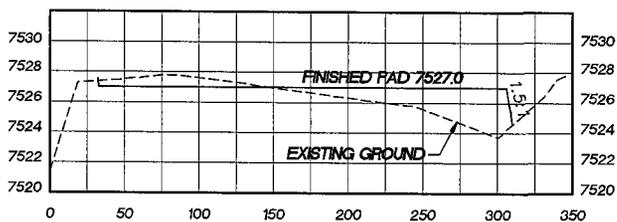
BP PRODUCTION
CHAMPLIN 458 I-1A WELL

CROSS
SECTIONS
SHEET 4 of 5

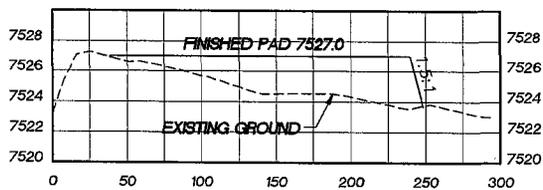
SECTION D



SECTION E



SECTION F



HORIZ. SCALE: 1" = 100'
VERT. SCALE: 1" = 10'

ALL CUT SLOPES ARE 1:1 (UNLESS OTHERWISE NOTED)
 ALL FILL SLOPES ARE 1.5:1 (UNLESS OTHERWISE NOTED)

BP PRODUCTION
CHAMPLIN 458 I-1A WELL

CROSS
SECTIONS
SHEET 5 of 5

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: / /

API NO. ASSIGNED: 43-043-30259

WELL NAME: CHAMPLIN 458 I-1A
 OPERATOR: AMOCO PRODUCTION (N0050)
 CONTACT: KRISTINA LEE

PHONE NUMBER: 303-423-5749

PROPOSED LOCATION:
 NENE 29 040N 080E
 SURFACE: 1322 FNL 1330 FEL
 SWSE BOTTOM: 0435 FSL 2072 FEL (Sec. 20)
 SUMMIT
 ANSCHUTZ RANCH EAST (505)

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering	DAM	5/21/01
Geology		
Surface		

LEASE TYPE: 4 - Fee
 LEASE NUMBER: FEE
 SURFACE OWNER: 4-Fee

PROPOSED FORMATION: NGSD

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[] Ind[] Sta[] Fee[4]
(No. 1031729112)
- Potash (Y/N)
- Oil Shale (Y/N) *190-5 (B) or 190-3
- Water Permit
(No. 21-1592)
- RDCC Review (Y/N)
(Date: _____)
- Fee Surf Agreement (Y/N)

LOCATION AND SITING:

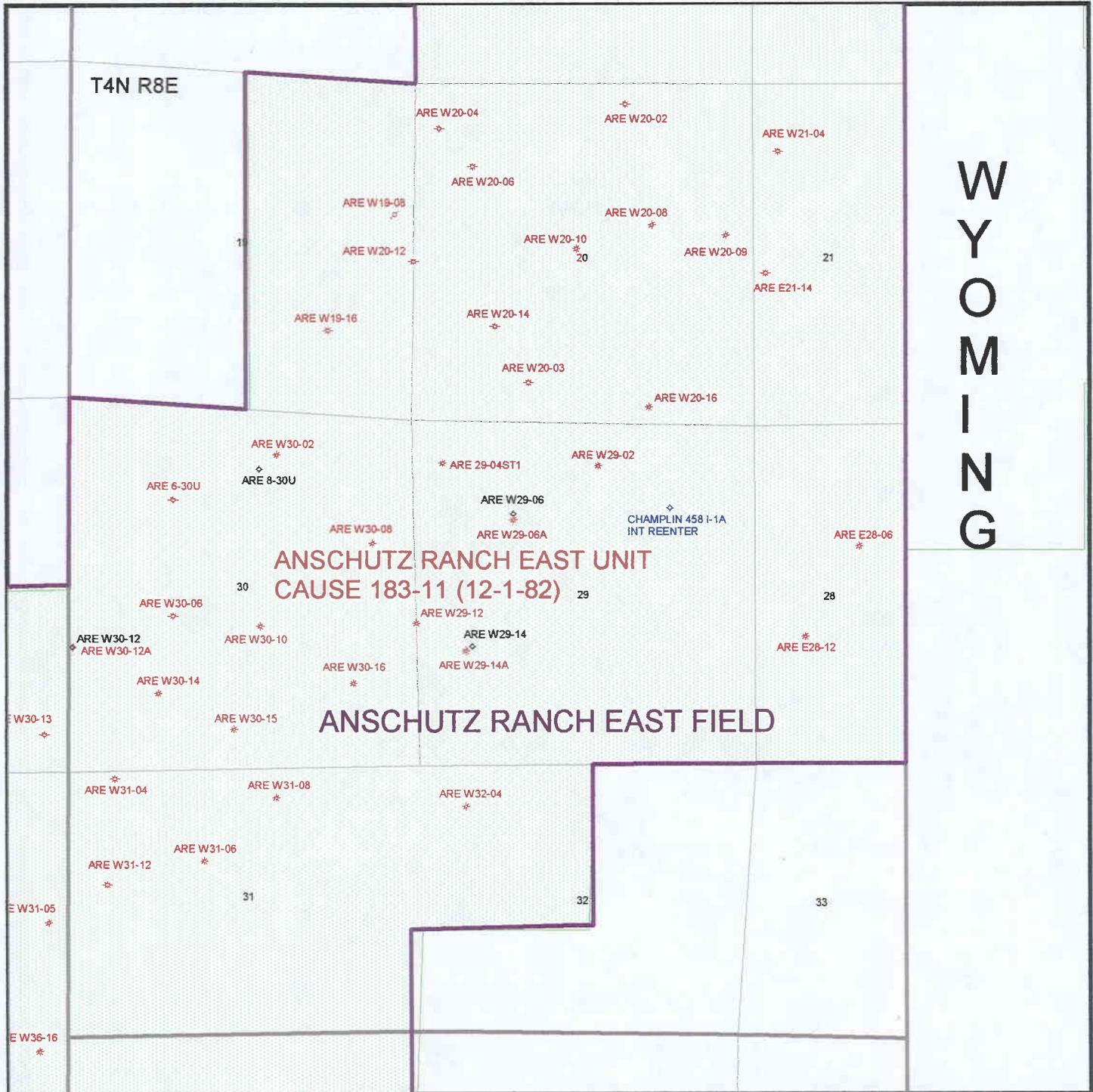
- R649-2-3. Unit ANSCHUTZ RANCH EAST
- R649-3-2. General
- Siting: 460 From Qtr/Qtr & 920' Between Wells
- R649-3-3. Exception
- Drilling Unit
- Board Cause No: 183-11 *Unit App.
- Eff Date: 12-1-82
- Siting: 460' to Unit Boundary
- R649-3-11. Directional Drill

COMMENTS: Need Presite. (Not req. - closed mud system)

STIPULATIONS: At the conclusion of drilling operations, submit a complete copy of the directional survey, including the plan view and vertical section.



OPERATOR: AMOCO PRODUCTION CO (N0050)
 SEC. 29, T4N, R8E
 FIELD: ANSCHUTZ RANCH EAST (505)
 COUNTY:SUMMIT UNIT:ANSCHUTZ RANCH EAST
 CAUSE: 183-11



From: "Rucker, Ross L" <ruckerrl@bp.com>
To: "Bilyeu, Brad" <bilyeubb@bp.com>
Date: 5/21/01 1:24PM
Subject: RE: Anschutz Ranch East Champlin 458 I-1A

Allen,
The LiteCrete system used in the past:

density: 10.51 ppg
yield: 1.98 cuft/sk
water: 6.66 gal/sk
fluid loss: 132.49 cc/30min
free wtr: 0
TT: 4:15 to 70Bc
CS: 1800 psi/12hr, 2000 psi/24hr

The volume will depend on caliper.

Ross

-----Original Message-----

From: Bilyeu, Brad
Sent: Wednesday, May 16, 2001 4:13 PM
To: Rucker, Ross L
Subject: FW: Anschutz Ranch East Champlin 458 I-1A

Ross: Would you answer this for the State of Utah.

thanks-b

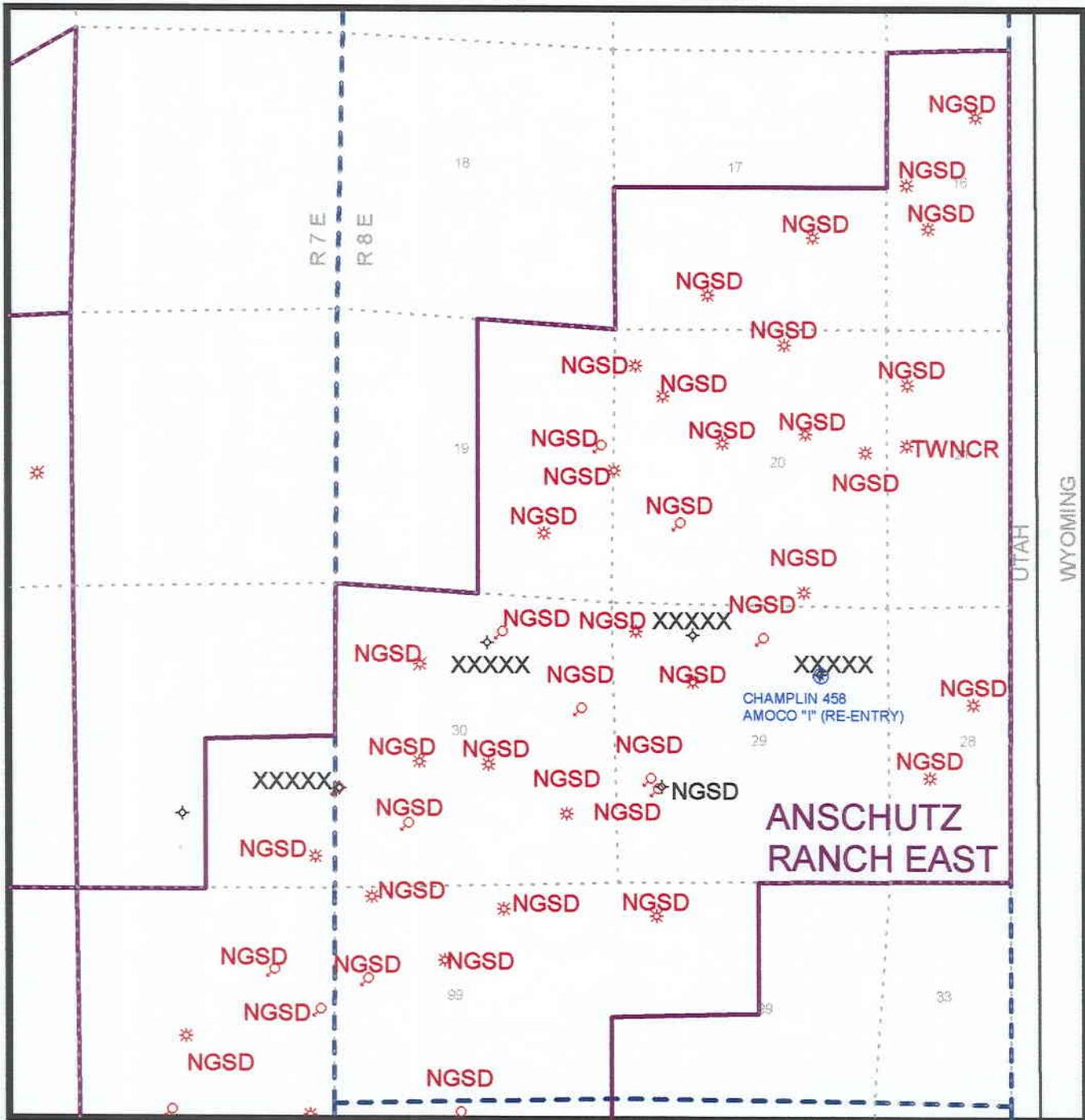
-----Original Message-----

From: Allen McKee [mailto:nrogm.amckee@state.ut.us]
Sent: Wednesday, May 16, 2001 3:55 PM
To: bilyeubb@bp.com
Subject: Anschutz Ranch East Champlin 458 I-1A

Brad, thanks for returning the phone call regarding Dowell LiteCrete info.
I'm specifically looking for est. # of sxs and slurry volume specs. Thanks
again - Al.

CC: "nrogm.amckee@state.ut.us" <nrogm.amckee@state.ut.us>

OPERATOR: AMOCO PRODUCTION
FIELD: ANSCHUTZ RANCH EAST
SEC, TWP, RNG: SE.C 29, T4N, R8E
COUNTY: SUMMIT
UAC: R 649-3-3



PREPARED:
DATE: 15-AUG-96

Well name: **05-01 Amoco 458 I-1A**
 Operator: **Amoco Production Co.**
 String type: **Production Liner**
 Location: **Summit Co UT**
 Project ID: **47-043-30259**

Design parameters:

Collapse
 Mud weight: 8.500 ppg
 Design is based on evacuated pipe.

Burst
 Max anticipated surface pressure: 0 psi
 Internal gradient: 0.442 psi/ft
 Calculated BHP: 5,835 psi
 No backup mud specified.

Minimum design factors:

Collapse:
 Design factor: 1.125

Burst:
 Design factor: 1.00

Tension:
 8 Round STC: 1.80 (J)
 8 Round LTC: 1.80 (J)
 Buttress: 1.60 (J)
 Premium: 1.50 (J)
 Body yield: 1.50 (B)

 Tension is based on air weight.
 Neutral point: 12,948 ft

Environment:

H2S considered? No
 Surface temperature: 65 °F
 Bottom hole temperature: 250 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 1,500 ft

 Cement top: 9,750 ft

 Liner top: 9,750 ft
 Directional well information:
 Kick-off point: 0 ft
 Departure at shoe: 2087 ft
 Maximum dogleg: 2.62 °/100ft
 Inclination at shoe: 50 °

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	3750	7	32.00	L-80	LT&C	13214	13550	6	242.6
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	5835	8488	<u>1.45</u>	5835	9060	<u>1.55</u>	111	661	<u>5.95 J</u>

NOTE = THIS IS AT DEEPER DEPTH OF 13550 vs TUD OF 12053'

Prepared by: R.A. McKee
 Utah Dept. of Natural Resources
 Phone: 801-538-5274
 FAX:
 Date: May 16, 2001
 Salt Lake City, Utah

Engineering Concerns: ~~None~~ **DIRECTIONAL SURVEY**
 Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.
 Collapse strength is (biaxially) derated for doglegs in directional wells by multiplying the tensile stress by the cross section area to calculate a

Engineering responsibility for use of this design will be that of the purchaser.

05-01 Amoco 458 I-1A

Casing Schematic

RE ENTRY
LATERAL

Surface

TOC @ 0.

EXISTING

13-3/8"
MW 8.5
Frac 19.3

Surface
4379. MD
4374. TVD

BOP

$$.052(8.5)(12053) = 5327$$

$$.12(12053) = \frac{1446}{3881 \text{ psi}}$$

OPERATOR ANTICIPATES BHP < 3000 psi
4-5 #/gal foam ≈ 3134 psi

∴ 5M-RSRRAG BOP

IS ADEQUATE

RAM 5/16/01

EXISTING

9-5/8"
MW 8.5
Frac 19.3

TOL @ 9750.

TOC @ 9750.

TOC @ 9760.

From CBL

Intermediate
10600. MD
10530. TVD

~ 15% wash-out

KOP @ 10,575'

315° AZIMUTH

BUILD TO 85°

& HOLD.

7"
MW 8.5

Production Liner
13550. MD
~~13214~~ TVD

12053

CEMENT VOLUMES

Ass. 15% washout

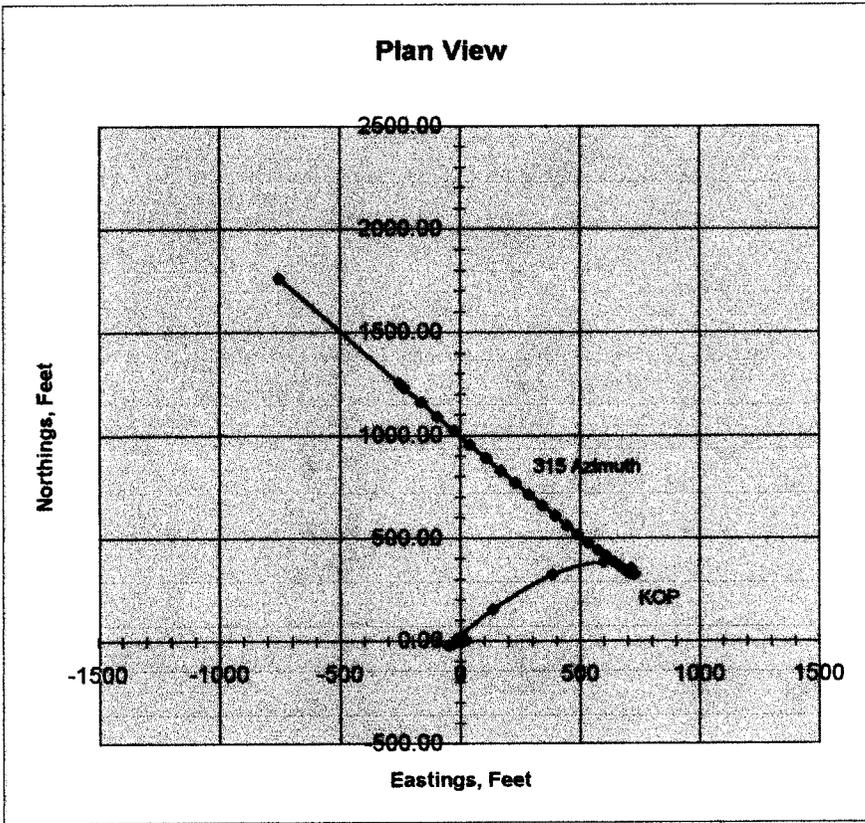
$$(1.15 \times 8.5)^2 = 7.0^2$$

185.35

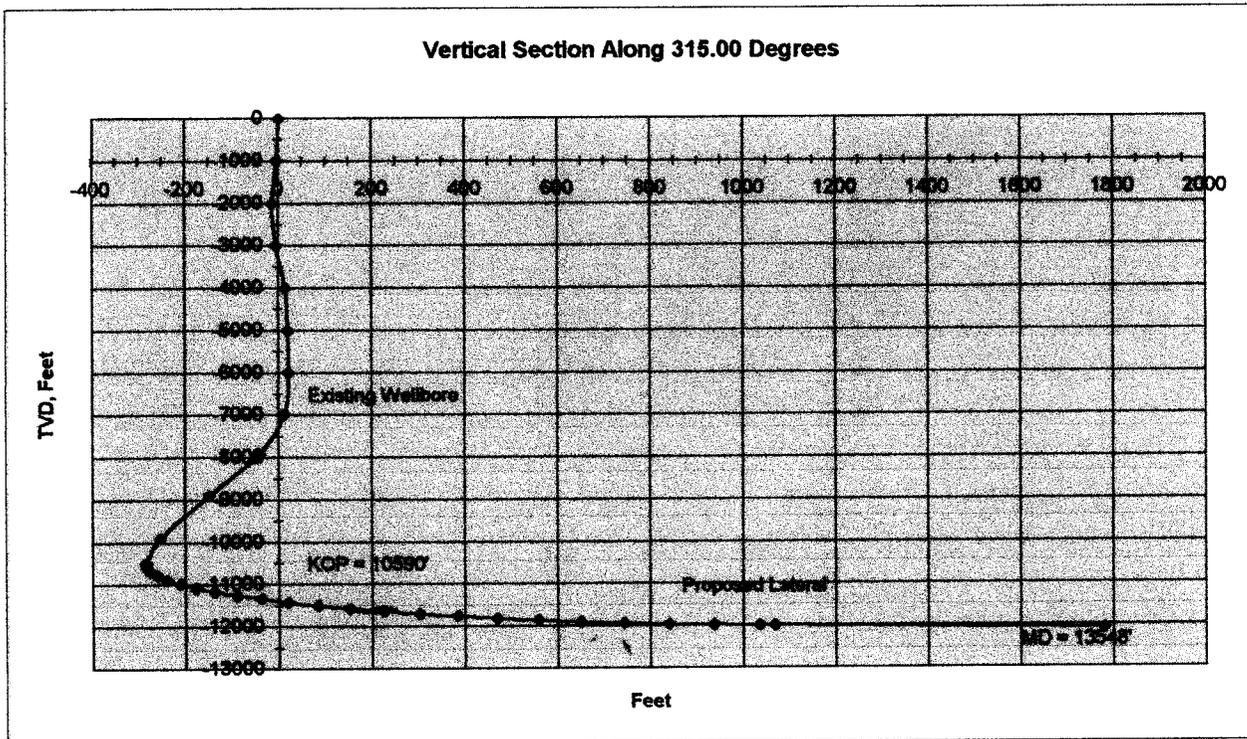
$$.2539 \frac{\text{ft}^3}{\text{ft}} \times (13550 - 9750) = \underline{487 \text{ sxs}}$$

→ 1.98
LITE CRETE SLURRY VOLUME PER 50%

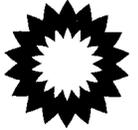
Champlin 458 I-1A - Well Survey Plan and Vertical Section



755' FWO
 1762' FNO
 = 2085' FEL 440' FSL
 IN SEC 20.



bp



6/8/2001

RECEIVED

JUN 12 2001

Division of Oil & Gas & Mining
1594 West North Temple, Suite 1210
Salt Lake City, Utah 84114-5801

DIVISION OF
OIL, GAS AND MINING

To Whom It May Concern:

Amoco Production Company does have a Surface Agreement with Castle Rock Land & Livestock, whose physical address is:

**Castle Rock Land & Livestock
139 E. South Temple
Suite 310
Salt Lake City, Utah 84111
Telephone No. 801-328-1600**

The Surface Use Agreement will be used with regards to the drilling of the Champlin 458 I well site whose legal description is:

**NE ¼ Section 29
T4N, R8E
Summit County, Utah**

David Allan the President of Castle Rock Land & Livestock has been informed of the drilling operations and has been to the wellsite for an inspection.

If you have any questions, please contact Clark Lawlar, 1013 Cheyenne Dr. Suite A, Evanston, WY 82930. My phone number is 307-783-2406 and my cell number is 307-679-0048.

Sincerely,

Clark G. Lawlar

Field Technician
BP Anschutz Ranch East

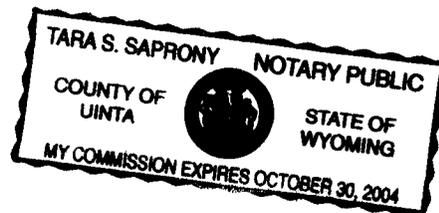
cc: Alan Karsky – Process Foreman, BP Anschutz Ranch East
Kris Lee – Regulatory Consultant

STATE OF WYOMING
COUNTY OF UINTA

The foregoing instrument was acknowledged before me by
Clark G. Lawlar this 11th day of June, 2001

Notary: Tara Saprony

Date Notary Expires: 10/30/2004





State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor
Kathleen Clarke
Executive Director
Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
801-538-5340
801-359-3940 (Fax)
801-538-7223 (TDD)

June 13, 2001

Amoco Production Company
1013 Cheyenne Dr, Suite A
Evanston, WY 82930

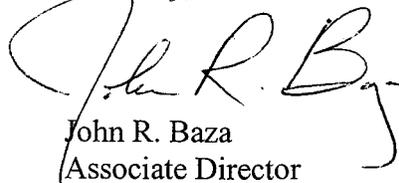
Re: Champlin 458 Amoco I-1A Well, (surface)1322' FNL, 1330' FEL, NE NE Sec. 29 and (bottom) 435' FSL, 2072 FEL, SW SE, Sec. 20, T. 4 North, R. 8 East, Summit County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-043-30259.

Sincerely,



John R. Baza
Associate Director

er

Enclosures

cc: Summit County Assessor

Operator: Amoco Production Company
Well Name & Number Champlin 458 Amoco I-1A
API Number: 43-043-30259
Lease: FEE

Surface Location: NE NE **Sec.** 29 **T.** 4 North **R.** 8 East
Bottom Location: SW SE **Sec.** 20 **T.** 4 North **R.** 8 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- 24 hours prior to cementing or testing casing
- 24 hours prior to testing blowout prevention equipment
- 24 hours prior to spudding the well
- within 24 hours of any emergency changes made to the approved drilling program
- prior to commencing operations to plug and abandon the well

The following are Division of Oil, Gas and Mining contacts and their work telephone numbers (please leave a voice mail message if the person is not available to take the call):

- Dan Jarvis at (801) 538-5338
- Carol Daniels at (801) 538-5284 (spud)

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)

5. At the conclusion of drilling operations, the operator shall submit a complete copy of the directions survey, including the plan view and vertical section.

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>See Attached</u>		5. LEASE DESIGNATION AND SERIAL NUMBER:
2. NAME OF OPERATOR: Amoco Production Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 501 Westlake Park Blvd. CITY Houston STATE TX ZIP 77079		7. UNIT or CA AGREEMENT NAME: See Attached
PHONE NUMBER: (281) 366-5328		8. WELL NAME and NUMBER: See Attached
4. LOCATION OF WELL FOOTAGES AT SURFACE: See Attached		9. API NUMBER: Attached
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		10. FIELD AND POOL, OR WILDCAT: See Attached
COUNTY: See Attached		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Operator Name Change</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
Amoco Production Company proposes to change its name to BP America Production Company, effective December 31, 2001. Mailing addresses and designated agents shall remain the same.
Attached to this sundry is a listing of wells currently operated by Amoco Production Company. This list includes all wells with the exception of those wells which have a plugged or D&A status.
Also attached for the Board's file is a copy of the Board Resolution approving the name change.

NAME (PLEASE PRINT) <u>Alan Wood</u>	TITLE <u>Regulatory Engineer</u>
SIGNATURE 	DATE <u>12/11/2001</u>

(This space for State use only)

RECEIVED

DEC 13 2001

DIVISION OF
OIL, GAS AND MINING

UNITED STATES OF AMERICA
STATE OF TEXAS
COUNTY OF HARRIS
CITY OF HOUSTON

§
§
§
§
§

CERTIFICATE

M. S. Haskins, of lawful age, first being duly sworn on oath, deposes and says:

1. That she is the duly elected, qualified and acting Assistant Secretary of Amoco Production Company, a corporation organized and existing under the laws of the State of Delaware, U.S.A.;

2. That on November 12, 2001, by consent action of the Board of Directors of Amoco Production Company (hereinafter referred to as "Company"), the following resolutions were adopted:

WHEREAS, in connection with BP America Inc.'s ("BP") integration of Atlantic Richfield Company ("ARCO") and Vastar Resources, Inc. ("Vastar"), BP has elected to reorganize, consolidate and merge its upstream onshore Lower 48 assets into a single legal entity to align BP's legal structure with its business organization and to improve operating efficiencies; and

WHEREAS, BP desires Amoco Production Company ("Company") to be such single legal entity for the purposes of such reorganization, consolidation and merger; and

WHEREAS such reorganization, consolidation and merger shall be accomplished by December 31, 2001 pursuant to a Reorganization Agreement ("Agreement") by and between ARCO and BP Company North America Inc. ("BP Company NA"), the parent of Company, resulting in ARCO's upstream onshore Lower 48 assets being transferred to Company and Vastar being merged into Company; and

WHEREAS, pursuant to such Agreement, asset, stock and liability transfers will occur in consideration for Class B common stock of BP Company NA and Company's agreement to assume all obligations and indemnify ARCO for all past and future liabilities relating to such transfers; and

WHEREAS, in connection with such reorganization, Company desires to change its name to BP America Production Company, effective December 31, 2001 with corporate seal as follows; and



WHEREAS all officers and directors of Company will remain unchanged.

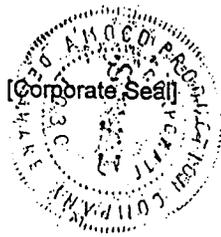
NOW, THEREFORE, BE IT,

RESOLVED, Company will accept asset, stock and liability transfers effective December 31, 2001 pursuant to the Agreement and will assume all obligations and indemnify ARCO for all past or future liabilities relating to such transfers.

FURTHER RESOLVED, Company will change its name and corporate seal to BP America Production Company, effective December 31, 2001 and all officers and directors will remain unchanged.

3. That the aforesaid resolutions have not been amended, rescinded, or annulled, but remain in full force and effect on the date hereof.

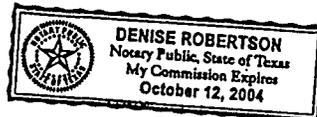
EXECUTED in the City of Houston, State of Texas, on this the 13 day of November, 2001.

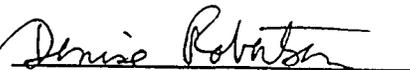



M. S. Haskins

SUBSCRIBED and sworn to before me this 13 day of November, 2001.

(Notary Seal)




NOTARY PUBLIC, STATE OF TEXAS

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

5. LEASE DESIGNATION AND SERIAL NUMBER:

Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

n/a

7. UNIT or CA AGREEMENT NAME:

Anschutz Ranch East

8. WELL NAME and NUMBER:

Champlin 458 Amoco I #1A

9. API NUMBER:

4904330259

10. FIELD AND POOL, OR WILDCAT:

Anschutz Ranch East/Nugget

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL GAS WELL OTHER _____

2. NAME OF OPERATOR:
Amoco Production Company

3. ADDRESS OF OPERATOR:
P O Box 829 CITY Evanston STATE WY ZIP 82930

PHONE NUMBER:
(307) 783-2406

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1322' FNL x 1330' FEL NENE

COUNTY: Summit

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENE 29 T4N R8E

STATE:

UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Change of operator
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective December 31, 2001 Amoco Production Company will be known as BP America Production Company

Amoco Production Company

Kristina A. Lee
Kristina A. Lee

BP America Production Company

Kristina A. Lee
Kristina A. Lee

RECEIVED

JAN 14 2002

DIVISION OF
OIL, GAS AND MINING

NAME (PLEASE PRINT) Kristina A. Lee

TITLE Regulatory Specialist (303)423-5749

SIGNATURE *Kristina A. Lee*

DATE 1/7/2002

(This space for State use only)

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH
2. CDW <input checked="" type="checkbox"/>
3. FILE

X Change of Operator (Well Sold)

Designation of Agent

Operator Name Change (Only)

Merger

The operator of the well(s) listed below has changed, effective: **12-31-2001**

FROM: (Old Operator):	TO: (New Operator):
AMOCO PRODUCTION COMPANY	BP AMERICA PRODUCTION COMPANY
Address: 501 WESTLAKE PARK BLVD	Address: 501 WESTLAKE PARK BLVD
HOUSTON, TX 77079	HOUSTON, TX 77079
Phone: 1-(281)-366-5328	Phone: 1-(281)-366-5328
Account No. N0050	Account No. N1990

CA No. **Unit:** **ANSCHUTZ RANCH EAST**

WELL(S)						
NAME	SEC TWN RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
CHAMPLIN 458 AMOCO I # 1A	29-4N-8E	43-043-30259	99998	FEE	GW	RE-ENTRY

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 01/14/2002
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 01/14/2002
- The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 01/15/2002
- Is the new operator registered in the State of Utah: YES Business Number: PENDING
- If **NO**, the operator was contacted on: N/A

6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: N/A

7. **Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: N/A

8. **Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: N/A

9. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 01/15/2002
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 01/15/2002
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A

STATE WELL(S) BOND VERIFICATION:

1. State well(s) covered by Bond Number: N/A

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: N/A

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: N/A

FEE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 103172911249
2. The **FORMER** operator has requested a release of liability from their bond on: N/A
The Division sent response by letter on: N/A

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 01/15/2002

COMMENTS:



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor
Robert Morgan
Executive Director
Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
801-538-5340
801-359-3940 (Fax)
801-538-7223 (TDD)

August 21, 2002

AMENDED

Kristina Lee
BP America Production Co
501 Westlake Park Blvd
Houston TX 77079

Re: APD Rescinded – Champlin 458-I-1A , Sec. 29, T. 4N, R. 8E
Summit County, Utah API No. 43-043-30259

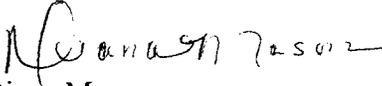
Dear Ms. Lee:

The Application for Permit to Drill (APD) for the subject well, which was approved by the Division of Oil, Gas and Mining on June 13, 2001 to clean out, sidetrack and to re-enter to the Nugget formation is hereby rescinded, effective August 20, 2002, as per your request.

A new APD must be filed with this office for approval prior to the commencement of any future work on the subject location.

If any previously unreported operations have been performed in regard to the above mentioned, it is imperative that you notify the Division immediately.

Sincerely,


Diana Mason
Engineering Technician

cc: Well File