FILE NOTATION

Entered in NID File ..✓.....
Location Map Pinned .....✓
Card Indexed ..✓.....

Checked by Chief .....
Approval Letter .....
Disapproval Letter .....

COMPLETION DATA:

Date Well Completed 3-1-78

Location Inspected .....

OW..... WW..... TA....✓
GW..... OS..... PA..✓...

Bond released
State or Fee Land .....

LOGS FILED

Driller's Log.....✓
Electric L... (No.) .....
E..... ..... Dual I Lat..... GR-N..... Micro.....
BHC Sonic G..... ..... Mi-L..... Sonic.....
CBLog.....

Form OGC-1a

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

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

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work
DRILL XX DEEPEN ☐ PLUG BACK ☐

b. Type of Well
Oil Well XX Gas Well ☐ Other Single Zone ☐ Multiple Zone ☐

2. Name of Operator
Amoco Production Company

3. Address of Operator
P. O. Box 1400 Riverton, WY 82501

4. Location of Well (Report location clearly and in accordance with any State requirements.*)
At surface NE/4 SE/4 Section 19 637.3' FEL 1894.1' FSL
At proposed prod. zone Same

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 Amoco "A"

9. Well No.
1

10. Field and Pool, or Wildcat
Overthrust - Wildcat

11. Sec., T., R., M., or Blk. and Survey or Area
Sec 19-T3N-R8E

12. County or Parrish 13. State
Summit Utah

14. Distance in miles and direction from nearest town or post office*
18 Miles East of Coalville, UT

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
5760

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.
637.3'

19. Proposed depth
5500'

20. Rotary or cable tools
Rotary to T.D.

21. Elevations (Show whether DF, RT, GR, etc.)
6865.6' Ungraded

22. Approx. date work will start*
When Approved

23. PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
14 3/4"	10 3/4"	32.75#	800'	Cl "G" W/2% $CaCl_2$
** 8 3/4"	7"	23#	3000'	300sx Cl "G"
6"	5"	18#	5500'	Cl "G" as required

**Set only if severe salt or lost circulation encountered.

Propose to drill and to test Jurassic Formation for commercial hydrocarbons.

SEE Attachment

RECEIVED
NOV 3 1977
DIVISION OF OIL, GAS & MINING

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

24.
Signed K. U. Huff Title Area Adm. Supervisor Date 11/01/77

(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

ATTACHMENT TO FORM OGC - 1a

Champlin 458 Amoco "A" #1

1. Geologic name of the surface formation: Wasatch

2. Estimated tops of geological markers:

Jurassic	2000'
Twin Creek	3000'
Nugget	4500'

3. Estimated depths anticipated to encounter water, oil, gas or other mineral-bearing formations:

   Water, Oil and Gas anticipated at 3000'.

4. Casing Program - See Form OGC - 1a #23.

5. Operators minimum specifications for pressure control equipment are explained on attached schematic diagram. Testing of such is to be performed daily and noted on the IADC Daily Drilling Report.

6. Mud Program:

0' - 800'	Native			
800' - 5500'	LSND	8.6-8.8#/Gal	36-38 Visc	W.L. less than cc/30M

7. Auxiliary Equipment:

   Kelly Cock: floor sub with a full opening valve. 2" choke manifold with remote control choke, 5000 PSI WP, Mud Logger (2-Man Type).

8. Testing Program: One (1) Drill Stem Test to be conducted, interval to be determined by Denver exploration.

   Logging Program: SEE ATTACHMENT

   Coring Program: One (1) 60' full diameter core in the Nugget. Core point to be determined by well site geologist.

9. No abnormal pressures or temperatures or potential hazards are anticipated. Anticipated bottom hole pressure-5000 PSI. Casing head 10 3/4" 3000# WP. Double stud adapter flange 3000# WP x 5000# WP. Tubing head, Series 1500, 5000# WP x 10,000# test.

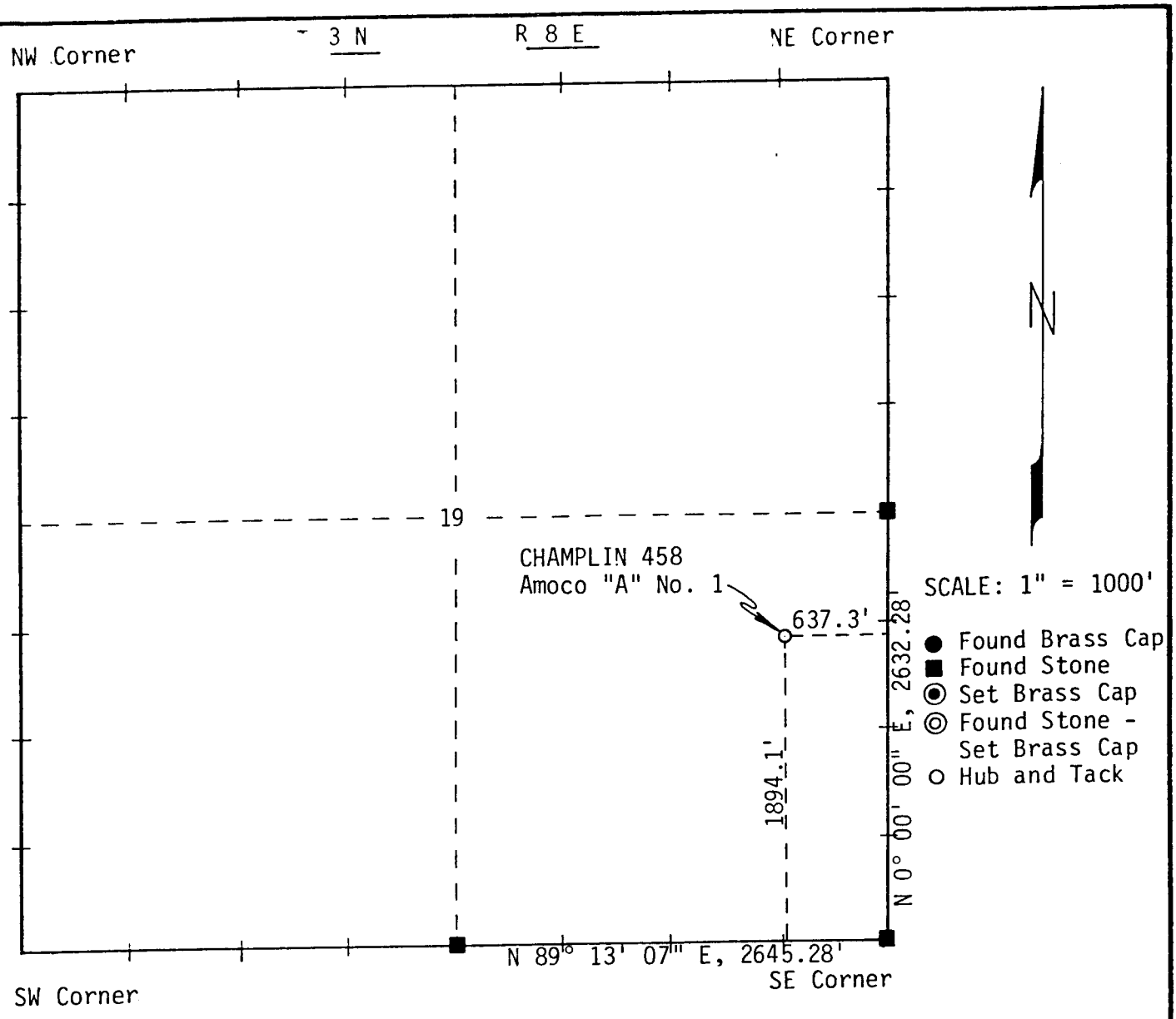
10. The anticipated starting date will be when approved. The duration of the operations will be approximately sixty days.

ATTACHMENT TO FORM OCG - 1a

Champlin 458 Amoco "A" #1

LOGGING PROGRAM:

DIL-GR	)Base of Surface Casing to Total Depth
DLL-MSFL	)Base of Surface Casing to Total Depth
Sonic-GR	)Base of Surface Casing to Total Depth
HDT	)Base of Surface Casing to Total Depth
FDC-CNL-GR	)Surface to Total Depth
FIL	)Over zones of interest
Check Shot Velocity Survey	)Over zones of interest
Borehole Gravimeter	)Top of Twin Creek to Top of Nugget
Borehole Televiewer	)Top of Twin Creek to Top of Nugget
Schlumberger Differential Temp Log and Gradiomanometer	)Top of Twin Creek to Total Depth



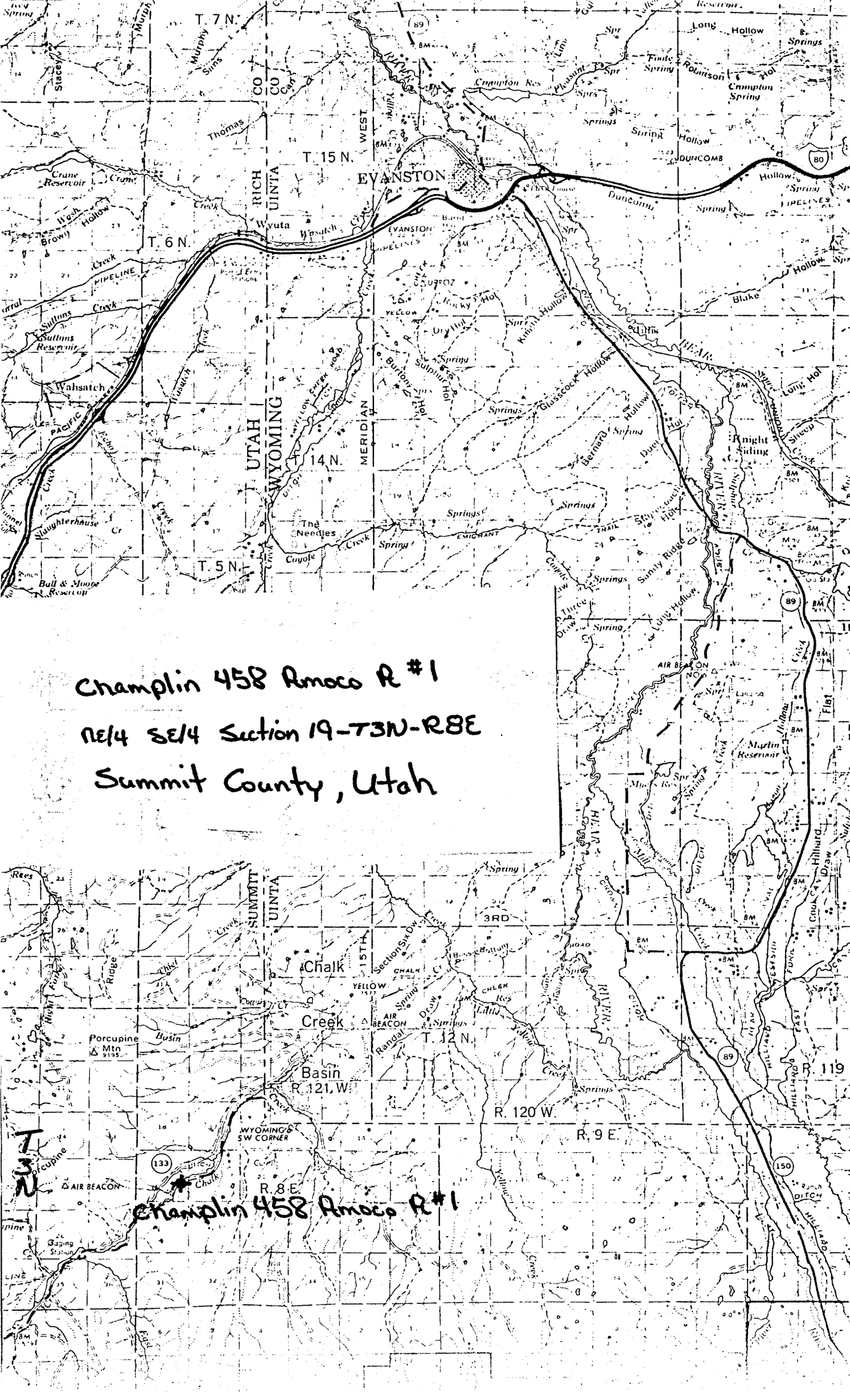
I, John A. Proffit of Evanston, Wyoming certify that in accordance with a request from Harvey Howard of Riverton, Wyoming for Amoco Production Company I made a survey on the 4th day of October, 19 77 for Location and Elevation of the Champlin 458-Amoco "A" No. 1 as shown on the above map, the wellsite is in the NE¼ SE¼ of Section 19, Township 3 N, Range 8 E of the Salt Lake Base&Meri, Summit County, State of Utah, Elevation is 6865.6 Feet top of hub Datum U.S.G.S. Quadrangle - BM Elev. 6972' - NE¼ SW¼ Section 19, T 3 N, R 8 E - Red Hole, Utah-Wyoming

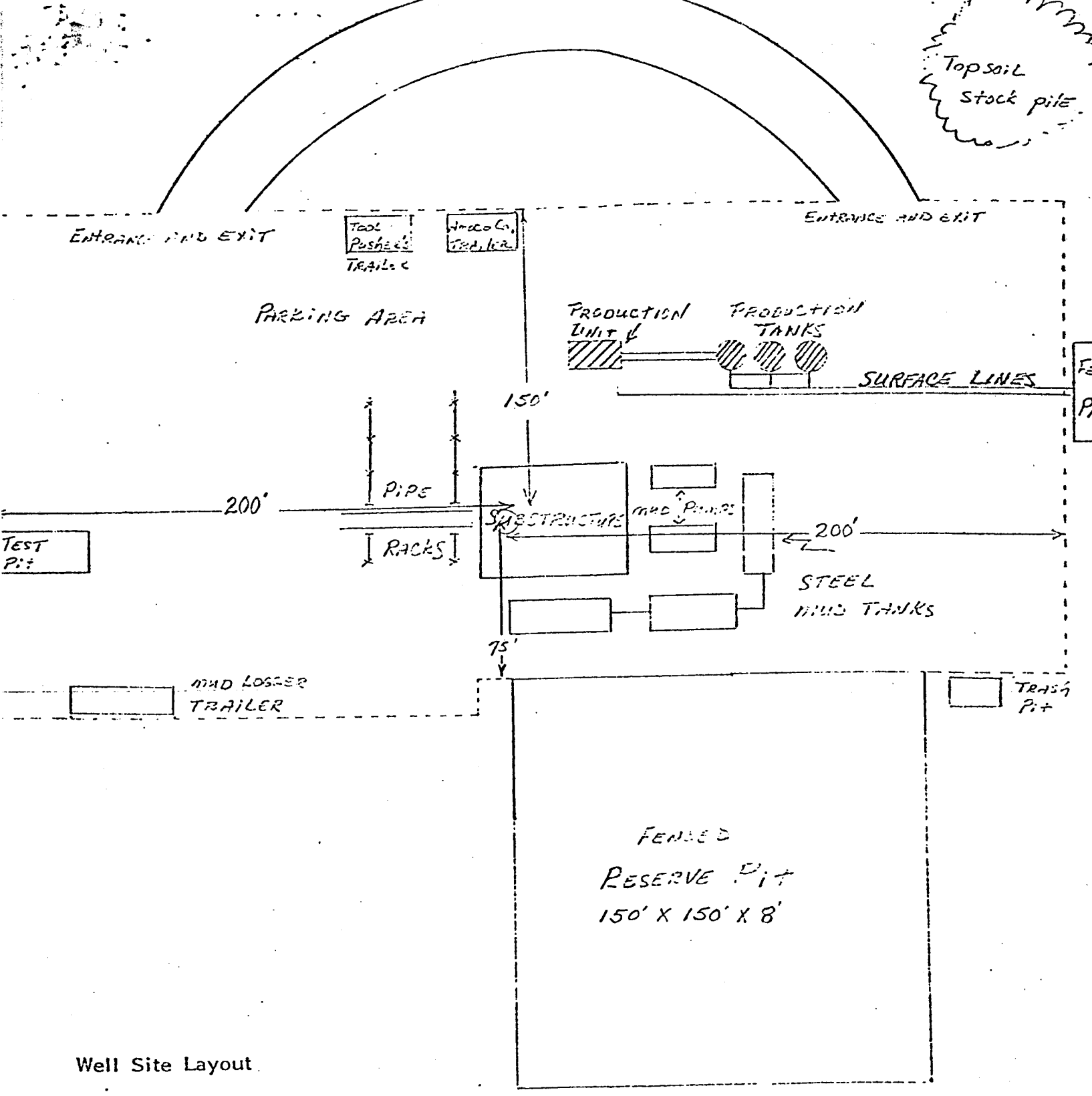
Reference point	North	350.0'	5/8" rebar	Elev. top of bar 6888.2'
Reference point	East	300.0'	"	" 6865.8'
Reference point	South	299.9'	"	" 6913.3'
Reference point	West	250.0'	"	" 6863.2'

John A. Proffit 10/12/77
JOHN A. PROFFIT UTAH R.L.S. NO. 2860

DATE: October 11, 1977
JOB NO.: 77-10-46

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


Champlin 458 Amoco R #1
NE/4 SE/4 Section 19-T3N-R8E
Summit County, Utah
T. 7 N.
T. 15 N.
T. 6 N.
T. 14 N.
T. 5 N.
T. 12 N.
T 3 N
EVANSTON
Wyuta
Wahsatch
The Needles
Chalk Creek Basin
Porcupine Mtn
R. 121 W.
R. 120 W.
R. 9 E.
R. 8 E.
R. 119
WYOMING SW CORNER
AIR BEACON
Champlin 458 Amoco R #1

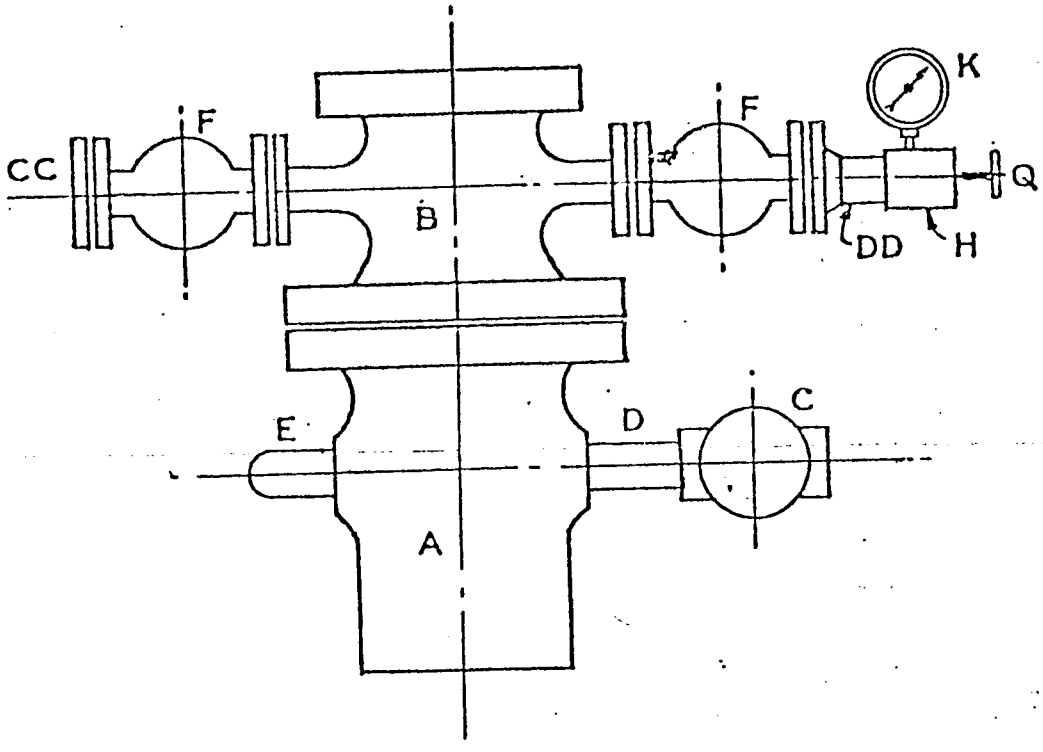


Well Site Layout

Scale 1" = 50' (▨) = Shows permanent production equipment to be installed after drilling rig s moved out. The fenced pit used for production will be covered if any fluid is present. The drilling and production pads will be constructed with dozers and graders using native material Dotted lines indicates perimeter of leveled location.

TYPICAL LOCATION LAYOUT	AMOCO PRODUCTION CO. P.O. Box 1400 Riverton, Wyoming	EXHIBIT D

Refers to Specification No. W-8
Effective Date: June 1, 1973



FOR 2,000# W. P. PRIMARY CASINGHEAD
AND 3,000# W. P. SECONDARY CASINGHEAD.

OR 3,000# W. P. PRIMARY CASINGHEAD
AND 3,000# W. P. SECONDARY CASINGHEAD.

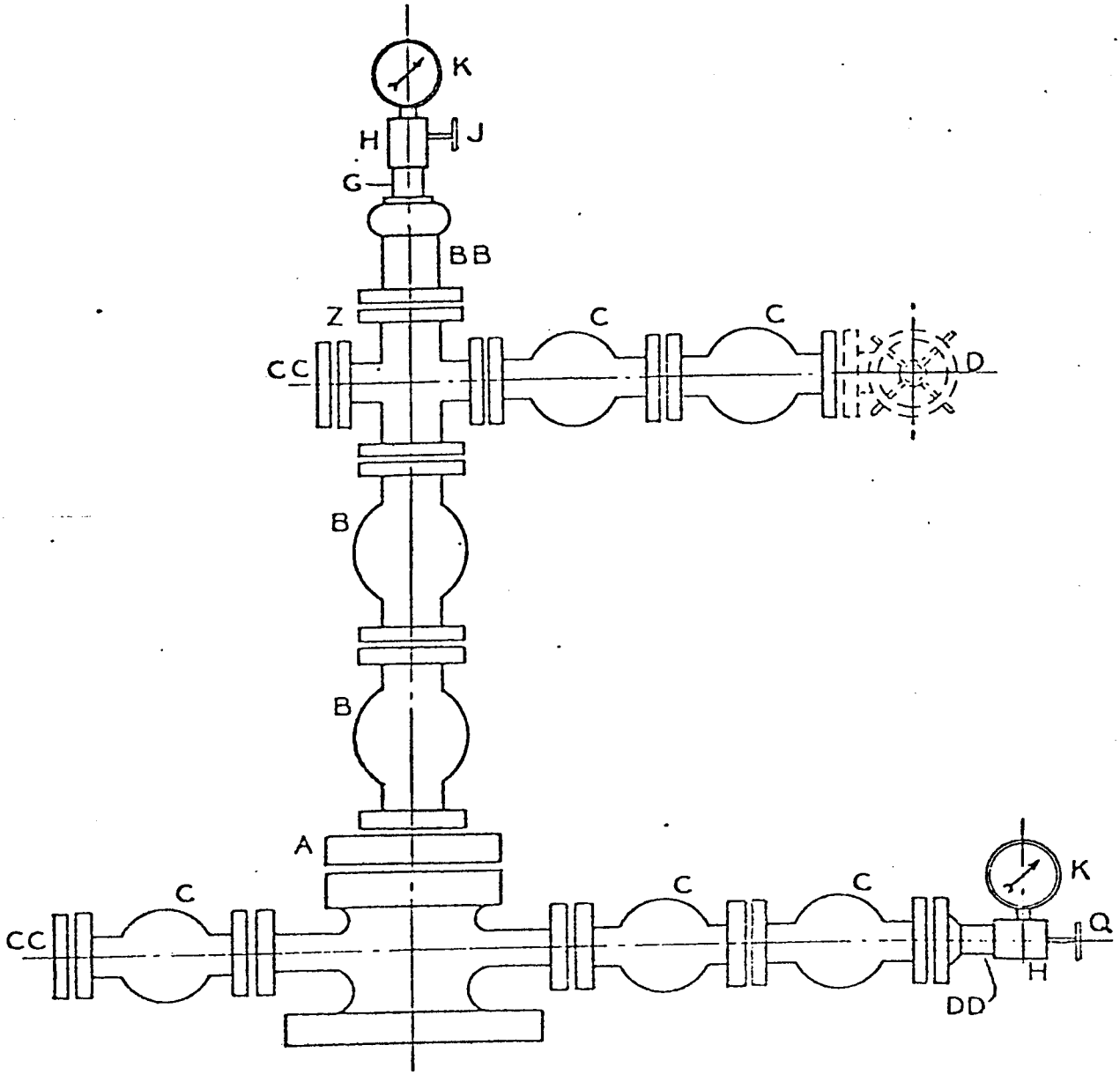
OR 3,000# W. P. PRIMARY CASINGHEAD
AND 5,000# W. P. SECONDARY CASINGHEAD.

IF INTERMEDIATE STRING OF CASING NOT REQUIRED,
LOWER (PRIMARY) HEAD WILL BE ONLY CASINGHEAD USED.

Amoco Production Company

STANDARD BASIC CASINGHEAD HOOK-UP

SCALE: NONE
DR. MBB AP



Amoco Production Company	SCALE: NONE
STANDARD BASIC WELL HEAD HOOK-UP 5,000# W.P. (CHOKE STEM UP STREAM)	DR. W.J.F. AP. [illegible] DRG. NO. A-8046

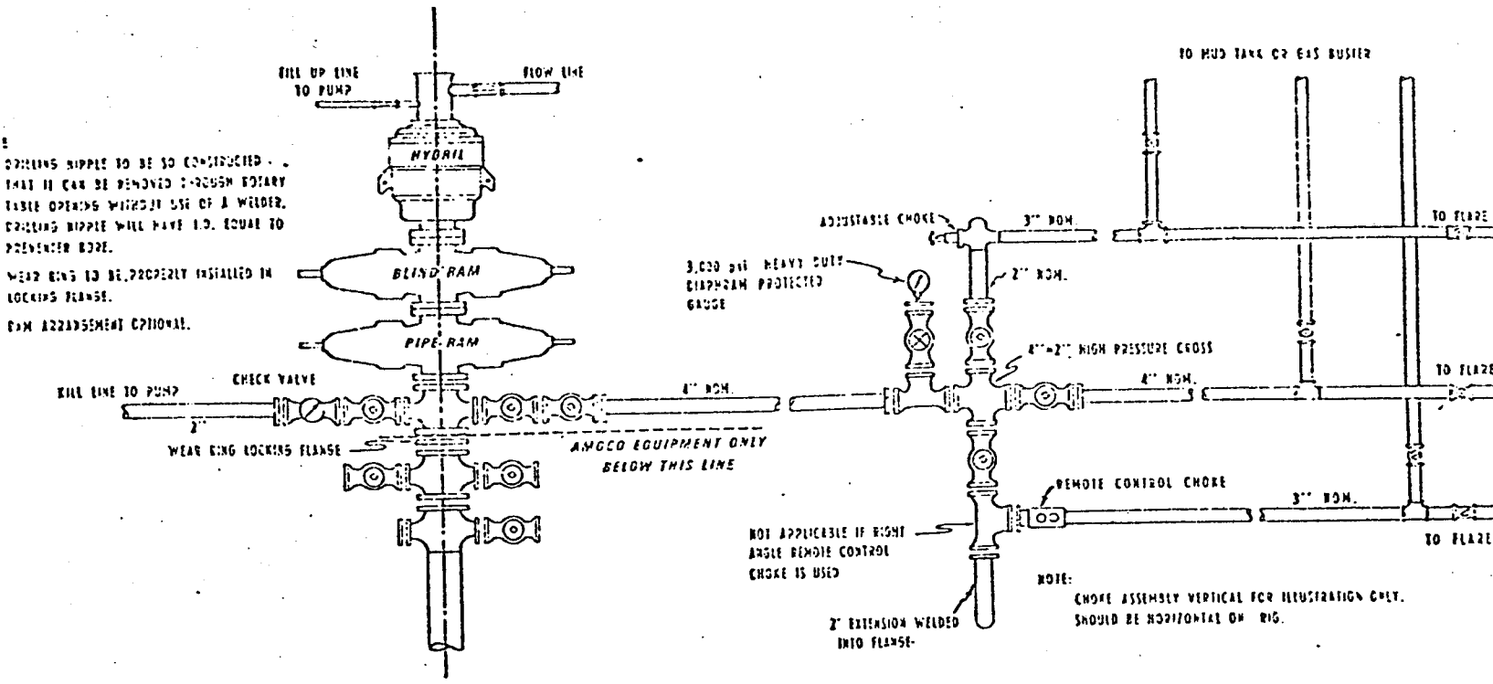
Amoco Production Company

MIN M BLOW-OUT PREVENTER REQUIREMENTS

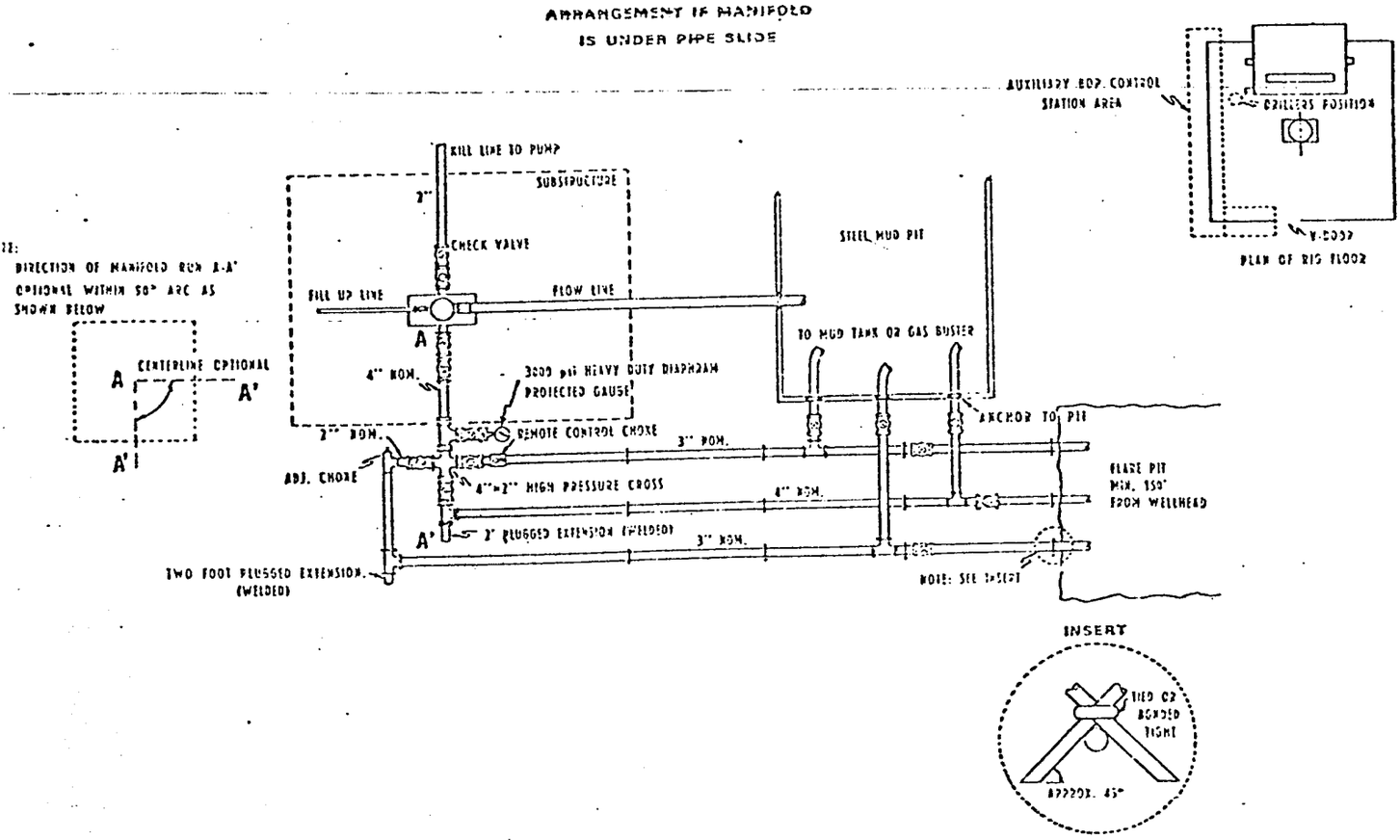
3,000 psi W.P.

2/76

ARRANGEMENT IF MANIFOLD IS ON SIDE OF RIG



ARRANGEMENT IF MANIFOLD IS UNDER PIPE SLIDE



NOTE:

1 BLOW OUT PREVENTERS, ALL FITTINGS AND PIPE MUST BE 3,000 psi W.P. MINIMUM.

2 ALL FITTINGS UPSTREAM OF MANIFOLD TO BE FLANGED. SCREWED OR WELDED CONNECTIONS DOWNSTREAM FROM CHOKES PERMISSIBLE. ADJUSTABLE CHOKE MAY HAVE SCREWED CONNECTIONS

3 ALL VALVES TO BE FULL OPENING, PLUG OR GATE METAL TO METAL SEAL, AND 3,000 psi W.P. MINIMUM.

4 SAFETY VALVE MUST BE AVAILABLE ON RIG FLOOR AT ALL TIMES WITH PROPER CONNECTION. VALVE TO BE FULL BORE 3,000 psi W.P. MINIMUM.

5 ALL LINES DOWNSTREAM OF CHOKE TO BE SECURELY ANCHORED EVERY 30' AND NEAR END OF CHOKE LINES.

6 EQUIPMENT THROUGH WHICH BIT MUST PASS SHALL BE AS LARGE AS INSIDE DIAMETER OF THE CASING BEING DRILLED THROUGH

7 HELLY COCK OR KELLY.

8 EXTENSION WRENCHES AND HAND WHEELS TO BE PROPERLY INSTALLED AND BRACED AT ALL TIMES.

9 AUXILIARY BLOW-OUT PREVENTER CONTROL STATION TO BE LOCATED AS CLOSE TO DRILLERS POSITION AS FEASIBLE.

10 BLOW-OUT PREVENTER CLOSING EQUIPMENT TO INCLUDE AN ACCUM ACCUMULATOR, AND TWO INDEPENDENT SOURCES OF PUMP POWER ON EACH CLOSING UNIT. INSTALLATION TO BE LOCATED AT LEAST 35' FROM STACK ON DRILLERS' SIDE OF RIG.

11 ALL UNPACKED PIPE MINIMUM 1" O.D. NOM. GRADE J 55 TUBING OR MIN. 3,000 psi W.P. LINE PIPE.

12 REMOTE CONTROL CHOKE INSTALLATION AND LINE TO BE STRAIGHT AS POSSIBLE WITH NO 90° BURNS BELOW CHOKE.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

** FILE NOTATIONS **

Date: Nov. 7-

Operator: Amoco Production

Well No: Champlin 458 - Amoco "A" #1

Location: Sec. 19 T. 3N R. 8E County: Summit

File Prepared: / / *Entered on N.I.D.:* / /

Card Indexed: / / *Completion Sheet:* / /

API NUMBER: 43-043-30067

CHECKED BY:

Administrative Assistant

Remarks:

Petroleum Engineer

Remarks:

Director

Remarks:

INCLUDE WITHIN APPROVAL LETTER:

Bond Required: Filed *Survey Plat Required:* / /

Order No. / / *Surface Casing Change to* / /

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

O.K. Rule C-3 / ✓ / *O.K. In* _____ *Unit* / /

Other:

/ ✓ / *Letter Written/~~Approved~~*

November 7, 1977

Amoco Production Company
Box 1400
Riverton, Wyoming 82501

Re: Well No. Champlin 458 - Amoco "A" #1
Sec. 19, T. 3 N, R. 8 E,
Summit County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to well is hereby granted in accordance with Rule C-3, General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

PATRICK L. DRISCOLL - Chief Petroleum Engineer
HOME: 582-7247
OFFICE: 533-5771

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

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

The API number assigned to this well is 43-043-30067.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

CLEON B. FEIGHT
Director

Form OGC-1a

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

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

Revision

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work
DRILL [X] DEEPEN [ ] PLUG BACK [ ]

b. Type of Well
Oil Well [X] Gas Well [ ] Other Single Zone [ ] Multiple Zone [ ]

2. Name of Operator
Amoco Production Company

3. Address of Operator
P.O. Box 1400 Riverton, WY 82501

4. Location of Well (Report location clearly and in accordance with any State requirements.*)
At surface
NE/4 SE/4 Section 19, 637.3' FEL 1984.1' FSL

At proposed prod. zone
Same

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 Amoco "A"

9. Well No.
1

10. Field and Pool, or Wildcat
Overthrust - Wildcat

11. Sec., T., R., M., or Blk. and Survey or Area
Sec. 19-T3N-R8E

14. Distance in miles and direction from nearest town or post office*
18 Miles East of Coalville, Utah

12. County or Parrish: Summit
13. State: Utah

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any): 637.3'

16. No. of acres in lease: 5760

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: 5500'

20. Rotary or cable tools: Rotary to TD

21. Elevations (Show whether DF, RT, GR, etc.)
6865.6' Ungraded

22. Approx. date work will start*
Well spudded 1/23/78

23. PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
12-1/4"	9-5/8"	36#	800'	Cl "G" w/2% CaCl2
8-3/4"	5-1/2"	23#	5500'	Cl "G" as required

Revision to show change in casing program. All other information remains the same.

APPROVED BY THE DIVISION OF OIL, GAS, AND MINING
DATE: Feb 16, 1978
BY: P. L. Driscoll

RECEIVED FEB 16 1978

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 K. W. Huff Title Area Adm. Supervisor Date 1-13-78

(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

COMPANY AMOCO PRODUCTION CO. WELL CHAMPLIN 458 #A-1 TEST NO. 1 COUNTY SUMMIT STATE UTAH

JOHNSTON

Schlumberger

technical report

RECEIVED
FEB 22 1978
DIVISION OF OIL, GAS, & MINING

F. R. #08796 D

JOHNSTON
Schlumberger

SURFACE INFORMATION

Description (Rate of Flow)	Time	Pressure (P.S.I.G.)	Surface Choke
Opened Tool	0727	-	BUBBLE HOSE
BLOW, 1" IN WATER			
BLOW, 3" IN WATER	0730	-	"
BLOW, 4½" IN WATER	0736	-	"
CLOSED FOR INITIAL SHUT-IN	0736	-	"
FINISHED SHUT-IN	0837	-	"
RE-OPENED TOOL	0841	-	"
BLOW INCREASED SLOWLY			
BLOW, 1" IN WATER			
BLOW, 2" IN WATER	0843	-	"
BLOW, 2½" IN WATER	0844	-	"
BLOW, 3" IN WATER	0849	-	"
BLOW, 3½" IN WATER	0910	-	"
BLOW STARTED DECREASING	0930	-	"
BLOW, 1½" IN WATER			
BLOW, 1" IN WATER	0940	-	"
BLOW, 1" IN WATER	0950	-	"
BLOW, 1" IN WATER	1036	-	"
CLOSED FOR FINAL SHUT-IN	1036	-	"
FINISHED SHUT-IN	1241	-	"
PULLED PACKER LOOSE	1242	-	-

Cushion Type	Amount	Pressure	Bottom Choke Size
	-		15/16"

MUD DATA

Mud Type: WEIGHTED - FLOCCULATED Wt. 10.5
Viscosity 48 Water Loss 12 C.C.
Resist: of Mud 3 @ 60 °F; of Filtrate 10 @ 60 °F
Chloride Content 800 PPM

EQUIPMENT & HOLE DATA

Type Test: M.F.E. OPEN HOLE
Formation Tested: -
Elevation: 6870 G.L. Ft.
Net Productive Interval: 5 Ft.
Estimated Porosity: 5 %
All Depths Measured From: KELLY BUSHING
Total Depth: 3351 Ft.
Main Hole/Casing Size: 8 3/4"
Rat Hole/Liner Size: -
Drill Collar Length: 411' I.D. 2 3/8"
Drill Pipe Length: 2838' I.D. 3.382"
Packer Depth(s): 3286 & 3290 Ft.

MULTI-FLOW EVALUATOR FLUID SAMPLE DATA

Sampler Pressure: 50 P.S.I.G. at Surface
Recovery: Cu. Ft. Gas: -
cc. Oil: TRACE
cc. Water: -
cc. Mud: 400 (SEVERELY GAS CUT
Tot. Liquid cc.: 400
Gravity: - °API @ - °F.
Gas/Oil Ratio: - cu. ft./bbl.

	RESISTIVITY	CHLORIDE CONTENT
Recovery Water	- @ - °F.	- ppm
Recovery Mud	2.0 @ 60 °F.	
Recovery Mud Filtrate	10 @ 60 °F.	450 ppm
Mud Pit Sample	3 @ 60 °F.	
Mud Pit Sample Filtrate	10 @ 60 °F.	800 ppm

RECOVERY DESCRIPTION	FEET	BARRELS	% OIL	% WATER	% OTHERS	API GRAVITY	RESISTIVITY	CHL. PPM
SLIGHTLY GAS CUT MUD	350	1.92				@ °F.	10 @ 55 °F.	350
						@ °F.	@ °F.	
						@ °F.	@ °F.	
						@ °F.	@ °F.	
						@ °F.	@ °F.	
						@ °F.	@ °F.	
						@ °F.	@ °F.	
						@ °F.	@ °F.	

Remarks:

Address: SECURITY LIFE BUILDING; DENVER, COLORADO 80202

Company: AMOCO PRODUCTION COMPANY Field: WILD CAT
Well: CHAMPLIN 458 #A-1 Location: SEC. 19, 3N, 8E
Test Interval: 3290' TO 3351' Test #: 1 Date: 2-8-78

County: SUMMIT State: UTAH
Technician: JOHNSTON (CASPER) Test Approved By: MR. A.E. MONTGOMERY

Field Report No. 08796 D
No. Reports Requested 5xx

JOHNSTON Schlumberger

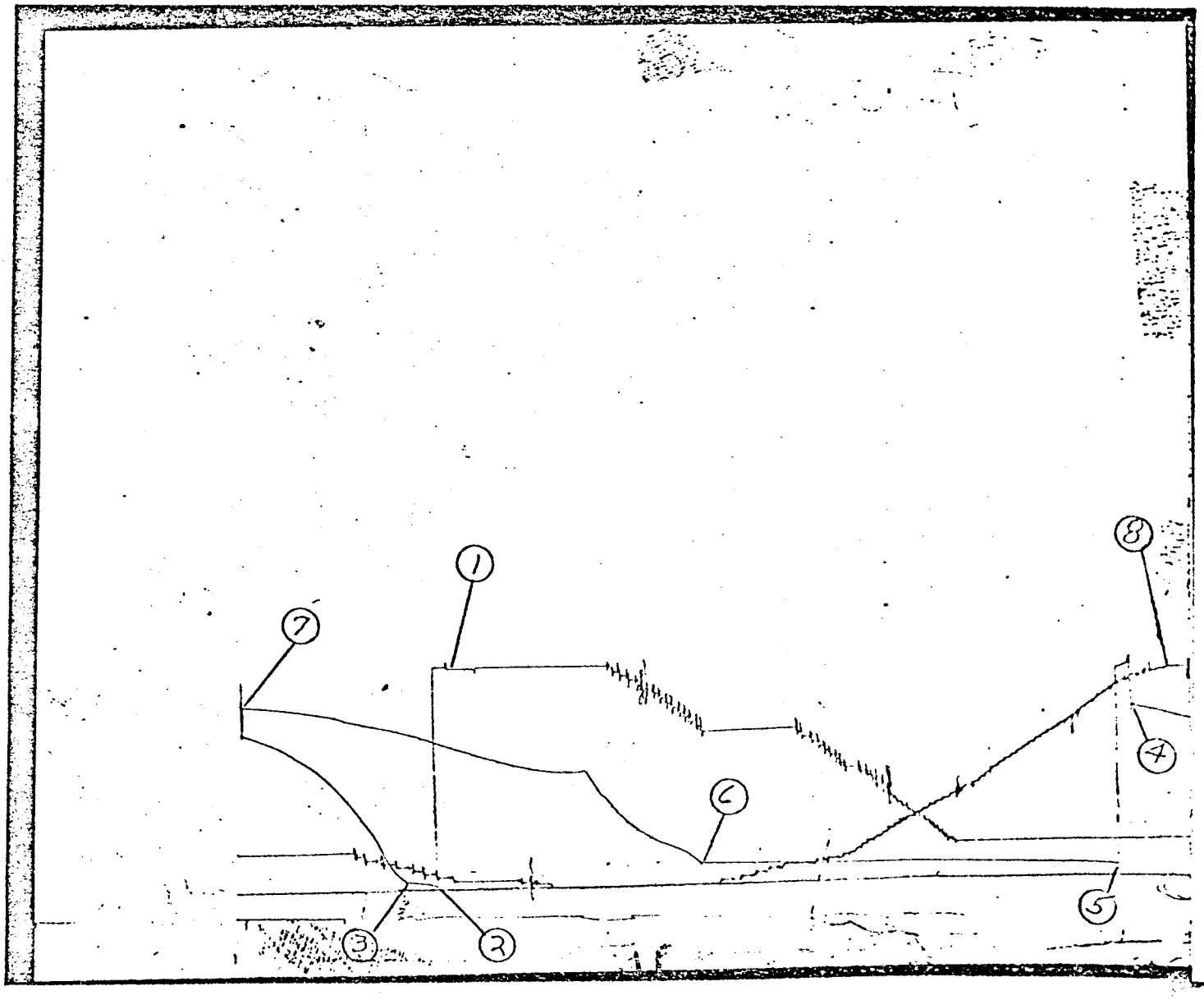
FIELD REPORT NO.: 08796 D

INSTRUMENT NO.: J-1056

CAPACITY: 6400#

NO. OF REPORTS: 5-

PRESSURE DATA FROM THIS CHART IS PRESENTED ON NEXT PAGE



28a

BOTTOM HOLE PRESSURE AND TIME DATA

JOHNSTON Schlumberger

INSTRUMENT NO.: J-1056 CAPACITY(P.S.I.): 6400 DEPTH: 3263 FT.

PORT OPENING: INSIDE BOTTOM HOLE TEMP.: 102 PAGE 1 OF 2

DESCRIPTION	LABELED POINTS	PRESSURE (P.S.I.)	GIVEN TIME	COMPUTED TIME
INITIAL HYDROSTATIC MUD	1	1710.7		
INITIAL FLOW(1)	2	15.4		
INITIAL FLOW(2)	3	53.1	9	9
INITIAL SHUT-IN	4	1306.6	61	61
FINAL FLOW(1)	5	63.1		
FINAL FLOW(2)	6	159.7	115	114
FINAL SHUT-IN	7	1424.6	125	127
FINAL HYDROSTATIC MUD	8	1615.3		

INCREMENTAL READINGS

LABEL POINT	DELTA TIME	PRESSURE (P.S.I.)	T + DT/DT	LOG	PW - PF (P.S.I.)	COMMENTS
1		1710.7				HYDROSTATIC MUD
2	0	15.4				INITIAL FLOW(1)
3	9	53.1				INITIAL FLOW(2)
3	0	53.1				STARTED SHUT-IN
	5	209.9	2.800	0.447	156.9	
	10	455.9	1.900	0.279	402.8	
	15	639.1	1.600	0.204	586.0	
	20	797.2	1.450	0.161	744.1	
	25	922.6	1.360	0.134	869.6	
	30	1015.5	1.300	0.114	962.4	
	35	1098.3	1.257	0.099	1045.2	
	40	1154.8	1.225	0.088	1101.7	
	45	1205.0	1.200	0.079	1151.9	
	50	1245.1	1.180	0.072	1192.1	
	55	1277.8	1.164	0.066	1224.7	
	60	1302.8	1.150	0.061	1249.8	
4	61	1306.6	1.148	0.060	1253.5	INITIAL SHUT-IN
5	0	63.1				FINAL FLOW(1)
	10	78.2				
	20	86.9				
	30	94.5				
	40	103.3				
	50	113.3				
	60	119.6				
	70	122.1				
	80	130.9				
	90	142.2				
	100	148.4				
	110	157.2				
6	114	159.7				FINAL FLOW(2)
6	0	159.7				STARTED SHUT-IN
	1	178.5	124.000	2.093	18.8	
	2	201.1	62.500	1.796	41.4	
	3	225.0	42.000	1.623	65.2	
	4	247.6	31.750	1.502	87.8	

LABEL POINT	DELTA TIME	PRESSURE (P.S.I.)	T + DT/DT	LOG	PW - PF (P.S.I.)	COMMENTS
	5	262.6	25.600	1.408	102.9	
	6	276.4	21.500	1.332	116.7	
	7	289.0	18.571	1.269	129.2	
	8	301.5	16.375	1.214	141.8	
	9	312.8	14.667	1.166	153.1	
	10	322.8	13.300	1.124	163.1	
	12	347.9	11.250	1.051	188.2	
	14	378.1	9.786	0.991	218.3	
	16	414.4	8.687	0.939	254.7	
	18	453.3	7.833	0.894	293.6	
	20	494.8	7.150	0.854	335.0	
	22	547.5	6.591	0.819	387.7	
	24	615.2	6.125	0.787	455.5	
	26	684.2	5.731	0.758	524.5	
	28	742.0	5.393	0.732	582.2	
	30	829.8	5.100	0.708	670.1	
	35	891.3	4.514	0.655	731.5	
	40	892.5	4.075	0.610	732.8	
	45	910.1	3.733	0.572	750.4	
	50	937.7	3.460	0.539	778.0	
	55	974.1	3.236	0.510	814.4	
	60	1013.0	3.050	0.484	853.3	
	65	1059.4	2.892	0.461	899.7	
	70	1100.8	2.757	0.440	941.1	
	75	1151.0	2.640	0.422	991.3	
	80	1194.9	2.537	0.404	1035.2	
	85	1231.3	2.447	0.389	1071.6	
	90	1262.7	2.367	0.374	1103.0	
	95	1291.6	2.295	0.361	1131.8	
	100	1329.2	2.230	0.348	1169.5	
	105	1356.8	2.171	0.337	1197.1	
	110	1378.1	2.118	0.326	1218.4	
	115	1395.7	2.070	0.316	1236.0	
	120	1409.5	2.025	0.306	1249.8	
	125	1420.8	1.984	0.298	1261.1	
7	127	1424.6	1.969	0.294	1264.8	FINAL SHUT-IN
8		1615.3				HYDROSTATIC MUD

March 2, 1978

MEMO TO FILE:

Re: Amoco Production Company
Well No. Champlin 458 Amoco "A"1
NE SE Sec. 19, T. 3N., R. 8E.
Summit County, Utah

Amoco requested permission to plug and abandon the above referenced well. The pertinent data relative to this is as follows:

TOTAL DEPTH	6,000'	
Surface Casing	9 5/8" at 822'	
Tops:		
Gannet	2,712'	
Stump	4,306'	
Preuss	4,559'	
Water Flows	300' - 350'	40 - 50 GPM
	1,090' - 1,300'	200 GPM

PLUGS:

75 sacks	4,500 - 4,600'
75 sacks	2,700 - 2,800'
125 sacks	700 - 900'
10 sacks	20 - surface

The location will be cleaned up and a dry hole marker erected.

PATRICK L. DRISCOLL
CHIEF PETROLEUM ENGINEER

FORM OGC-8-X
FILE IN QUADRUPLICATE

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING
1588 West North Temple
Salt Lake City, Utah 84116

RECEIVED
MAR 6 1978
DIVISION OF OIL, GAS, & MINING

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name and Number Champlin 458 Amoco "A" Well #1

Operator Amoco Production Company

Address P.O. Box 1400, Riverton, Wyoming

Contractor True Drilling Company

Address P.O. Box 2360, Casper Wyoming 82601

Location NE 1/4, SE 1/4, Sec. 19; T. 3 N; R. 8 E; Summit County

Water Sands:

	Depth: From-	To-	Volume: Flow Rate or Head -	Quality: Fresh or Salty -
1.	300'-350'		2-3 bbl/min	Fresh (No water-sample obtained)
2.				
3.	1090'-1365'		5 bbl/min	Fresh (Water sample attached)
4.				
5.				

(Continue on Reverse Side if Necessary)

Formation Tops:

NOTE: (a) Upon diminishing supply of forms, please inform this office.
(b) Report on this form as provided for in Rule C-20, General Rules And Regulations and Rules of Practice and Procedure.
(c) If a water quality analysis has been made of the above reported zone, please forward a copy along with this form.

To: _____ Bldg. _____ Mail Code or Rm. No. _____

Location: _____

Route Ticket

Please Handle	
Please Approve	
Please Note and return	
For Your Information	
Please See Me	
Please Advise	
Your File	

Form 9 8-73

Remarks: Water Analysis reports to be attached to form OGC-8-X filed for Champlin 458 Amoco A#1

One copy Pi

One copy Mike

From: Rvtn/ Date: _____

RECEIVED
MAR 8 1978
DIVISION OF OIL, GAS, & MINING

Form OGC-1b

SUBMIT TRIPLICATE*
(Other instructions on reverse side)

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.)

5. LEASE DESIGNATION AND SERIAL NO.: Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

1. OIL WELL ☐ GAS WELL ☐ OTHER: Plug x Abandon

7. UNIT AGREEMENT NAME:

2. NAME OF OPERATOR: Amoco Production Company

8. FARM OR LEASE NAME: Champlin 458 Amoco "A"

3. ADDRESS OF OPERATOR: P.O. Box 1400 Riverton, WY 82501

9. WELL NO.: 1

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: NE/4 SE/4 Section 19, 637.3' FEL 1894.1' FSL

10. FIELD AND POOL, OR WILDCAT: Overthrust - Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 19-T3N-R8E

14. PERMIT NO.: 43-043-30067

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 6865.6' Ungraded

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	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	X	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other)			☐
(Other) Plug x Abandon			☐	(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 was drilled to a total depth of 6000'
No commercial hydrocarbons encountered
9-5/8" Surface casing set @ 822'

Log tops as follows:

Water Sand	300'-350'
Water Sand	1090'-1365'
Gannett	2717'
Stump	4306'
Pruess	4557'

Propose to set cement plugs as follows:
Set 75 sx cement plug 4500'-4600'
Set 75 sx cement plug 2700'-2800'
Set 125 sx cement plug 722'-922'
Set 10 sx cement plug @ surface w/marker.

RECEIVED MAR 6 1978 DIV. OF OIL, GAS, & MINING

APPROVED BY THE DIVISION OF OIL, GAS, AND MINING
DATE March 6, 1978
BY P. L. Driscoll

Verbal approval Patrick Driscoll to T. S. Allen on 3/2/78 @ 10:45 A.M.

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

SIGNED R. A. Murphy TITLE Area Adm. Supervisor DATE 3-2-78

(This space for Federal or State office use)

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

*See Instructions on Reverse Side

CHEM LAB

WATER ANALYSIS EXCHANGE REPORT

MEMBER	Amoco Production Co.	LAB NO. 26297	REPORT NO.
OPERATOR	Amoco Production Co.	LOCATION	NE SE 19-3N-8E
WELL NO.	Champlin 458; Amoco A-1	FORMATION	Wasatch
FIELD	Wildcat	INTERVAL	800-1200
COUNTY	Summit	SAMPLE FROM	Received (1-31-78)
STATE	Utah	DATE	February 1, 1978

RECEIVED MAR 8 1978 OIL, GAS & MINING

REMARKS & CONCLUSIONS:

Cations	mg/l	meq/l	Anions	mg/l	meq/l
Sodium	63	2.72	Sulfate	51	1.06
Potassium	10	0.26	Chloride	68	1.92
Lithium			Carbonate	12	0.40
Calcium	36	1.80	Bicarbonate	171	2.80
Magnesium	17	1.40	Hydroxide		
Iron	-		Hydrogen sulfide	-	
Total Cations		6.18	Total Anions		6.18

Total dissolved solids, mg/l - 341

NaCl equivalent, mg/l - 296

Observed pH - 8.3

Specific resistance @ 68° F.:

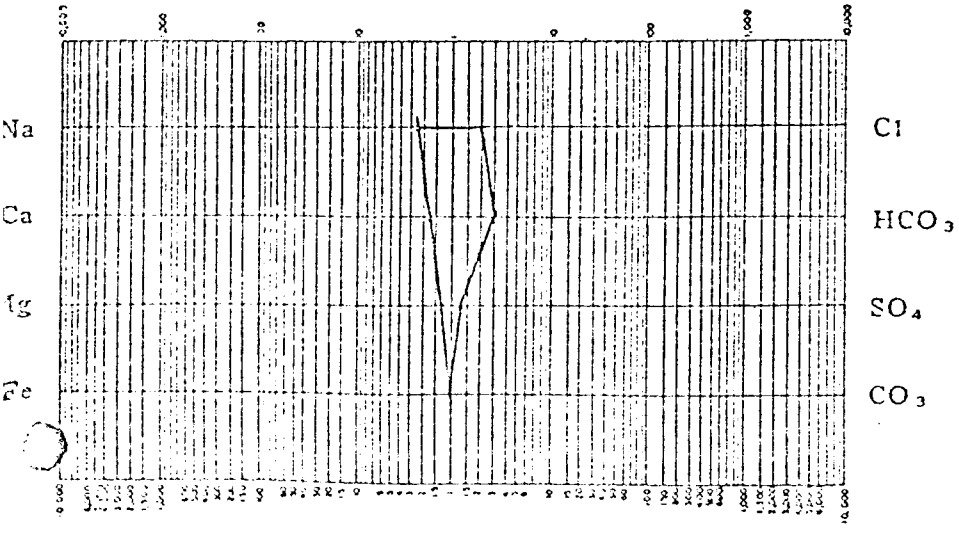
Observed - 18.5 ohm-meters

Calculated - 19.5 ohm-meters

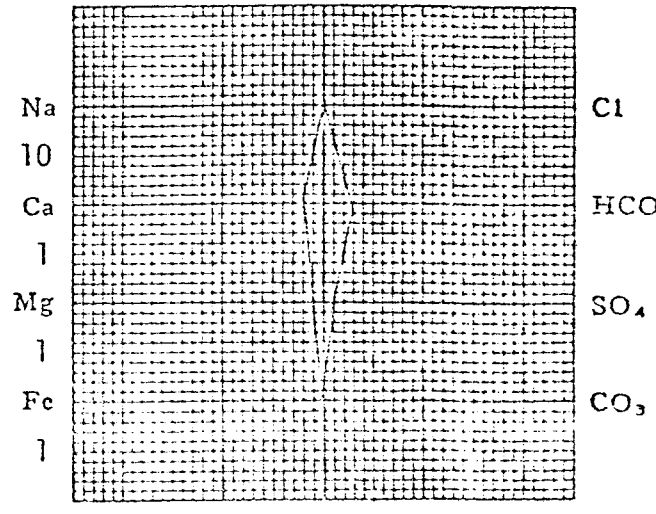
WATER ANALYSIS PATTERNS

MEQ per unit

LOGARITHMIC



STANDARD



(Na value in above graphs includes Na, K, and Li)

NOTE: Mg/l = Milligrams per liter. Meq/l = Milligram equivalents per liter

Sodium chloride equivalent = by Dunlap & Hawthorne calculation from components

Form OGC-1b

SUBMIT I 'IPLICATE*
(Other in. ,ctions on reverse side)

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 ☐ GAS WELL ☐ OTHER Plug x Abandon

2. NAME OF OPERATOR: Amoco Production Company

3. ADDRESS OF OPERATOR: P.O. Box 1400 Riverton, WY 82501

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: NE/4 SE/4 Section 19, 637.3' FEL 1894.1' FSL

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 Amoco "A"

9. WELL NO.: 1

10. FIELD AND POOL, OR WILDCAT: Overthrust - Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Section 19-T3N-R8E

14. PERMIT NO.: 43-043-30067

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 6865.6' Ungraded

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	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	X
REPAIR WELL	☐	CHANGE PLANS	☐	(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.)*

TD 6000'. 9-5/8" Surface Casing set @ 822'

No commercial hydrocarbons encountered.

Log Tops as follows:

Water Sand	300'-350'
Water Sand	1,090'-1,365'
Gannett	2,717'
Stump	4,306'
Pruess	4,557'

Set Cement Plugs as follows:

Set 75 sx cement plug 4600'-4500'
Set 75 sx cement plug 2800'-2700'
Set 125 sx cement plug 900'-700'
Set 10 sx cement plug @ surface w/marker

APPROVED BY THE DIVISION OF OIL, GAS, AND MINING
DATE
BY:

The State will be notified when this location is cleaned up and is ready for inspection.

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

SIGNED K. A. Huffs TITLE Area Adm. Supervisor DATE 3-9-78

(This space for Federal or State office use)

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

*See Instructions on Reverse Side

Form OGCC-3

STATE OF UTAH

OIL & GAS CONSERVATION COMMISSION

SUBMIT IN DUPLICATE*
(See other instructions on reverse side)

RECEIVED MAR 23 1978 DIVISION OF OIL, GAS & 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

2. NAME OF OPERATOR: Amoco Production Company

3. ADDRESS OF OPERATOR: P.O. Box 1400 Riverton, Wyoming 82501

4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*)*
At surface: NE/4 SE/4 Section 19 637.3' FEL 1894.1' FSL
At top prod. interval reported below: Same
At total depth: Same

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 Amoco "A"

9. WELL NO.: 1

10. FIELD AND POOL, OR WILDCAT: Overthrust-Wildcat

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Section 19-T3N-R8E

12. COUNTY OR PARISH: Summit

13. STATE: Utah

14. PERMIT NO.: 43-043-30067 DATE ISSUED: 11/07/77

15. DATE SPUDDED: 01-23-78

16. DATE T.D. REACHED: 03-01-78

17. DATE COMPL. (*Ready to prod.*): P X A

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*: 6865.6 Ungraded

19. ELEV. CASINGHEAD:

20. TOTAL DEPTH, MD & TVD: 6000'

21. PLUG, BACK T.D., MD & TVD: N/A

22. IF MULTIPLE COMPL., HOW MANY*:

23. INTERVALS DRILLED BY: → ROTARY TOOLS: to T.D. CABLE TOOLS:

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*: Plugged and Abandoned

25. WAS DIRECTIONAL SURVEY MADE: No

26. TYPE ELECTRIC AND OTHER LOGS RUN: DIL/GR-Sonic X CNL X FDC-Dipmeter-Velocity Survey

27. WAS WELL CORED: No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	40.#	822'	12-1/4"	Cl "G" (500 Sx) w/2% CaCl	o

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
N/A				

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
N/A		

31. PERFORATION RECORD (*Interval, size and number*): N/A

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
N/A	

33.* PRODUCTION

DATE FIRST PRODUCTION: N/A

PRODUCTION METHOD (*Flowing, gas lift, pumping—size and type of pump*): Plugged X Abandoned

WELL STATUS (*Producing or shut-in*): P X A

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

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

34. DISPOSITION OF GAS (*Sold, used for fuel, vented, etc.*): N/A

TEST WITNESSED BY: N/A

35. LIST OF ATTACHMENTS: Plugging detail on back

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

SIGNED: [signature] TITLE: Area Adm. Supervisor DATE: March 20, 1978

*(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.)

Set 75 Sx cement plug 4600'-4500'
Set 75 Sx cement plug 2800'-2700'
Set 125 Sx cement plug 900'-700'
Set 10 Sx cement plug @ surface w/marker

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.
Evanston	3301	3351	IO-small blow 1" incr to 4.5" in 9 min. FO-small blow 1" incr to 3.5" in 19 min.

38. GEOLOGIC MARKERS

NAME	TOP MEAS. DEPTH	TOP TRUE VERT. DEPTH
Tertiary	0	
Stump	4305'	
Jurassic Preuss	4557'	