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

5. Lease Designation and Serial No. Fee

6. If Indian, Allottee or Tribe Name

7. Unit Agreement Name

8. Farm or Lease Name Champlin 239 Amoco "C"

9. Well No. 1

10. Field and Pool, or Wildcat Wildcat

11. Sec., T., R., M., or Blk. and Survey or Area Sec. 7-T2N-R8E

12. County or Parrish Summit 13. State Utah

RECEIVED AUG 30 1979 DIVISION OF OIL, GAS, & MINING

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 17675, Salt Lake City, Utah 84117

4. Location of Well (Report location clearly and in accordance with any State requirements.*)
At surface: SW/4 NW/4 Sec.7 585.3' FWL 2100.4' FNL
At proposed prod. zone

14. Distance in miles and direction from nearest town or post office*: Approximately 10 miles East of Upton, Utah

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any): 585.3

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: 4,500 Stump

20. Rotary or cable tools: Rotary to TD

21. Elevations (Show whether DF, RT, GR, etc.): 7320 Top of HUB

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
12½"	9 5/8"	32.3# H-40 ST&C	1600'	400 SX Class G W/2% $CaCL_2$ circ to surf.
8 3/4"	7"	23# K-55 ST&C	4500'	Class G to Cover prospective pay*

* determined from Logs

Propose to test lower Kelvin Sands.
Designate as Stand-Up Well.

See attachments

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 D.L. Davidson Title District Admin. Supervisor Date 8/27/79

(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-

Champlin 239 Amoco "C" No. 1

1. Geologic name of the surface formation: Tertiary

2. Estimated tops of geological markers:

   Kelvin 200'

   Stump 4450'

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

   Water, Oil and Gas anticipated at: 200', 4450'

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. After running surface casing and prior to drilling out, BOP and other pressure equipment will be tested to the full working pressure rating as shown on the attached diagram. Thereafter, the BOP will be checked daily for mechanical operations only and will be noted on the IADC Daily Drilling Report.

6. Mud Program:

   0 - 1600 Native

   1600 - TD 8.8#/Gal. As required to clean hole and obtain samples.

7. Auxiliary Equipment:

   Kelly Cock: floor sub with a full opening valve. 3" choke manifold with remote control choke, 2500 PSI WP

   2 Man Mudlogger w/chromatograph SFC-TD

8. Testing Program:

   2 DSTS in Kelvin (at discretion of exploration department)

Logging Program

DIL - Surface to Total Depth

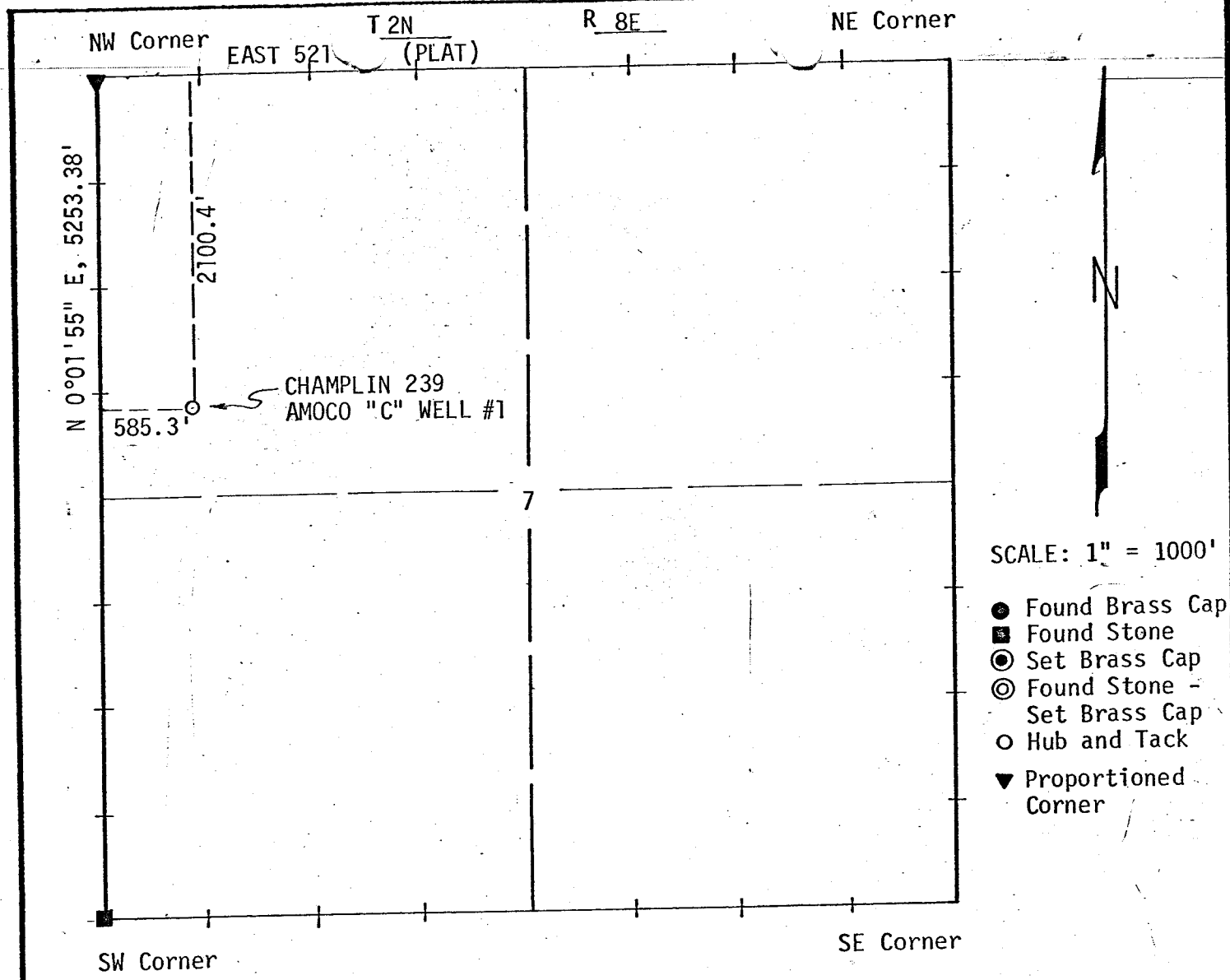
GR - Surface to 2000'

FDC-CNL-GR-Base of surface casing to total depth. Dipmeter and directional base of surface casing to total depth. BHC Sonic-GR with Caliper-Base of surface casing to total depth checkshot velocity Survey - Base of Surface casing to total depth.

Coring Program None

9. No abnormal pressure or temperature or potential hazards are anticipated Anticipated botton hole pressure - 6300 PSI. Casing head 5000# WP. Tubing head, 10" x 5000# x 7 1/16" 10,000# WP

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



I, John A. Proffit of Evanston, Wyoming certify that in accordance with a request from R.C. Buckley of Evanston, Wyoming for Amoco Production Company I made a survey on the 8th day of August, 19 79 for Location and Elevation of the Champlin 239 Amoco "C" Well #1 as shown on the above map, the wellsite is in the SW¼NW¼ of Section 7, Township 2N, Range 8E of the Salt Lake Base & Meridian, Summit County, State of Utah, Elevation is 7230 Feet Top of Hub Datum U.S.G.S. Quadrangle - Red Hole, Utah, SE¼SE¼ Section 6, T2N, R8E SLBM, Elevation 8166'

Reference point	North 400'	Top of Pin	7223.9'
Reference point	North 500'	" " "	7221.6'
Reference point	West 300'	" "	7239.7'
Reference point	West 400'	" "	7250.7'

REGISTERED LAND SURVEYOR JOHN PROFFIT No. 2860 STATE OF UTAH

John A. Proffit 8/21/79
JOHN A. PROFFIT, WYOMING R.L.S. NO. 2860

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

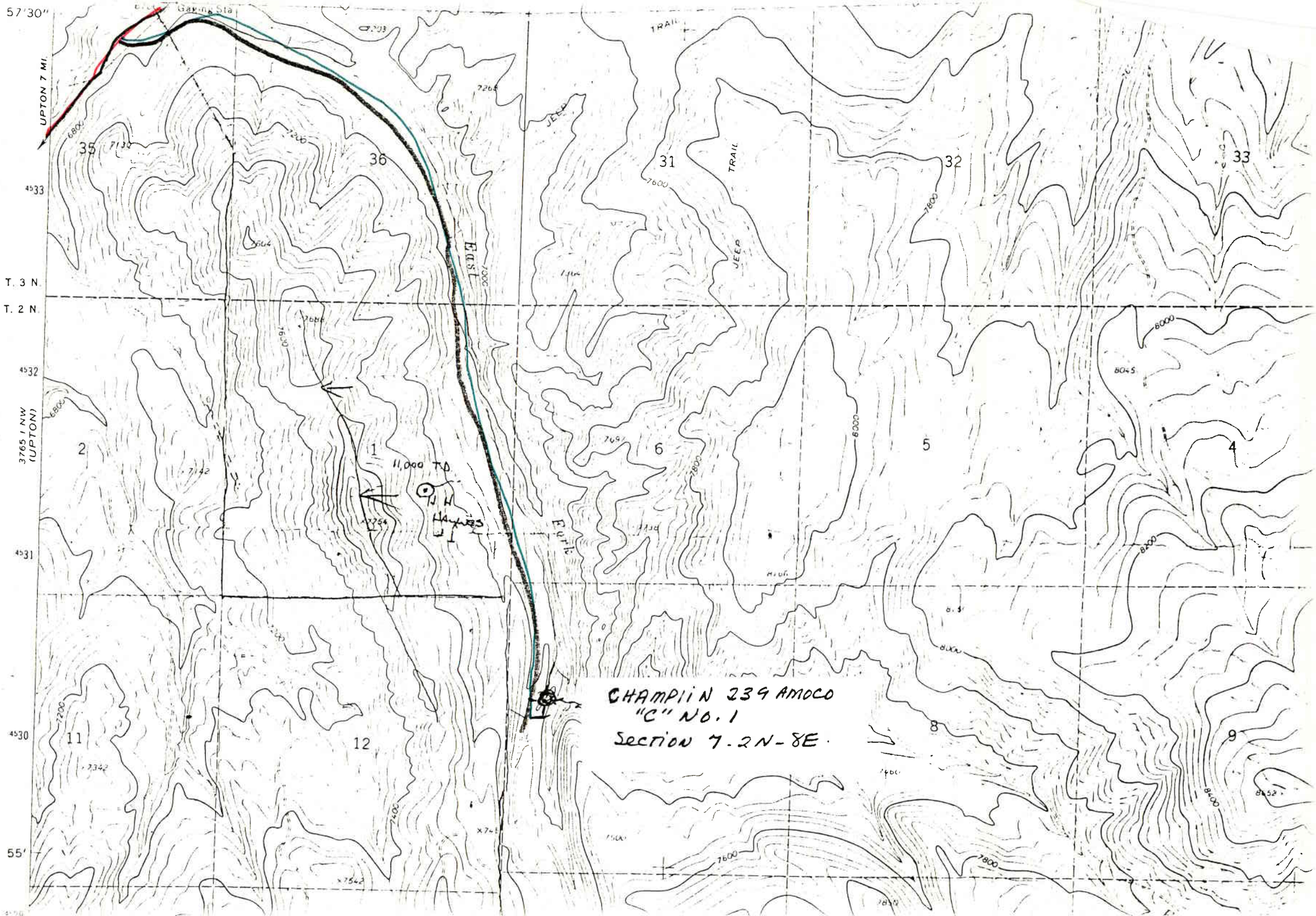
DATE: August 21, 1979
JOB NO.: 79-10-72

Red Hole
UT-WYO

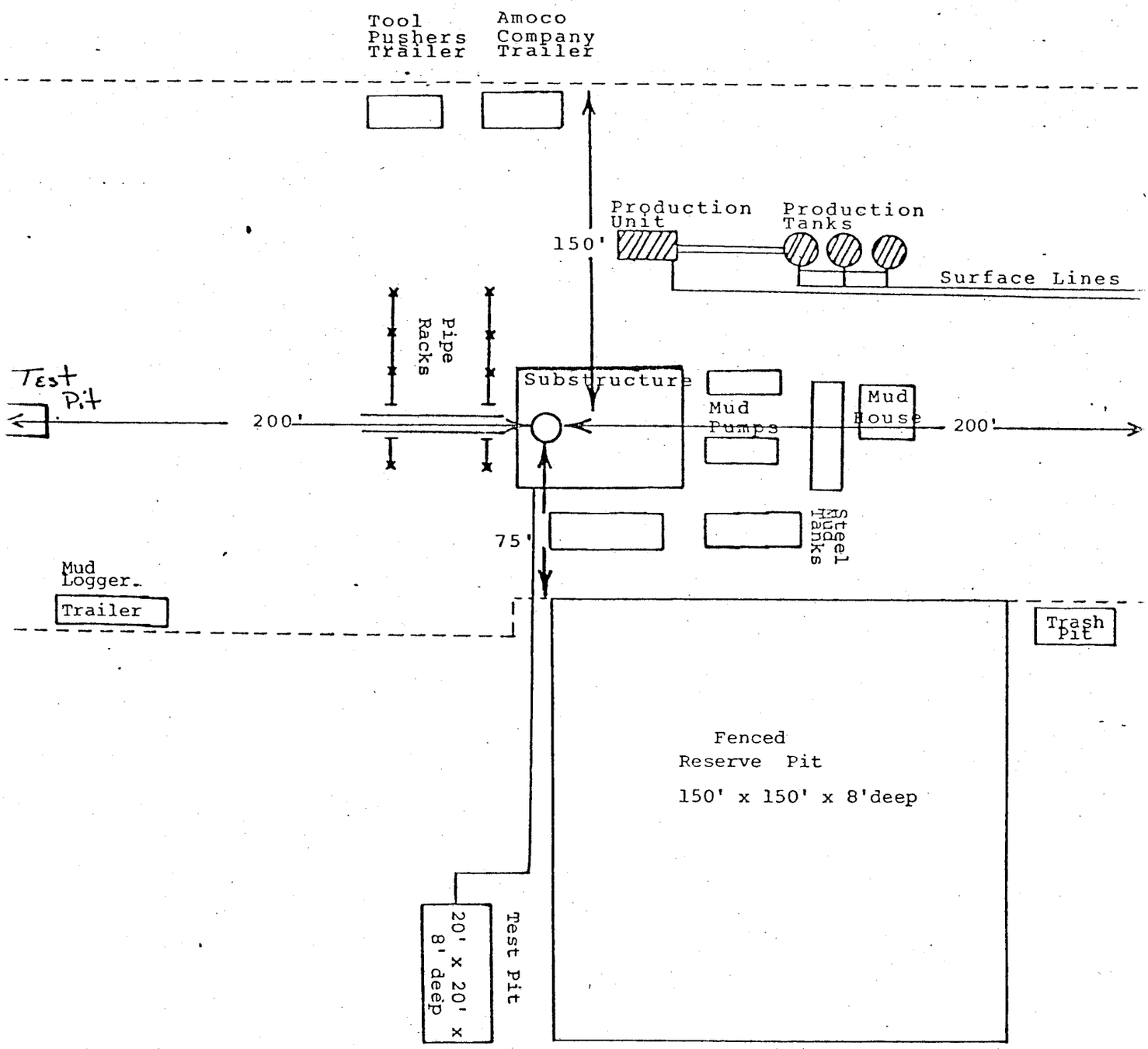
EXISTING ROAD

COUNTY ROAD

NW SE
SE SW



CHAMPLIN 239 AMOCO
"C" NO. 1
Section 7-2N-8E



= Shows permanent production equipment to be installed after drilling rig has moved out.

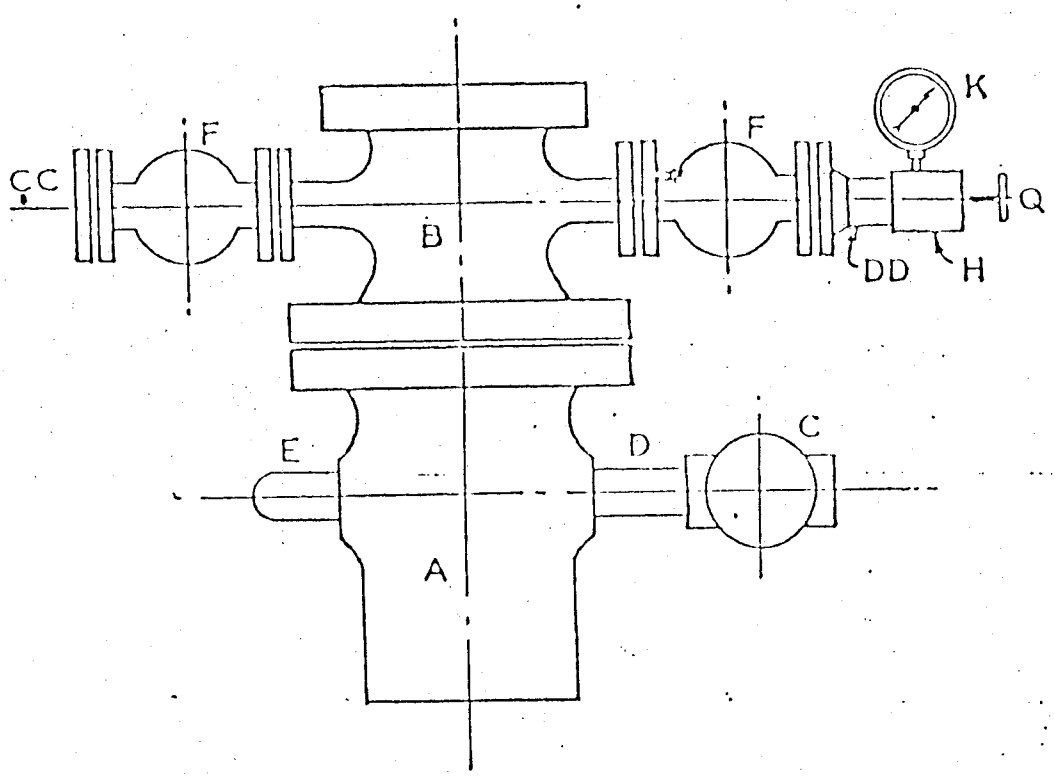
- - - - = Dotted lines indicated perimeter of leveled location.

The fenced pit used for production will be covered if any fluid is present. The drilli and production pads will be constructed with doxers and graders using native material.

TYPICAL LOCATION LAYOUT

AMOCO PRODUCTION COMPANY
P. O. Box 17675
SALT LAKE CITY, UTAL 84117

EXHIBIT "D"



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

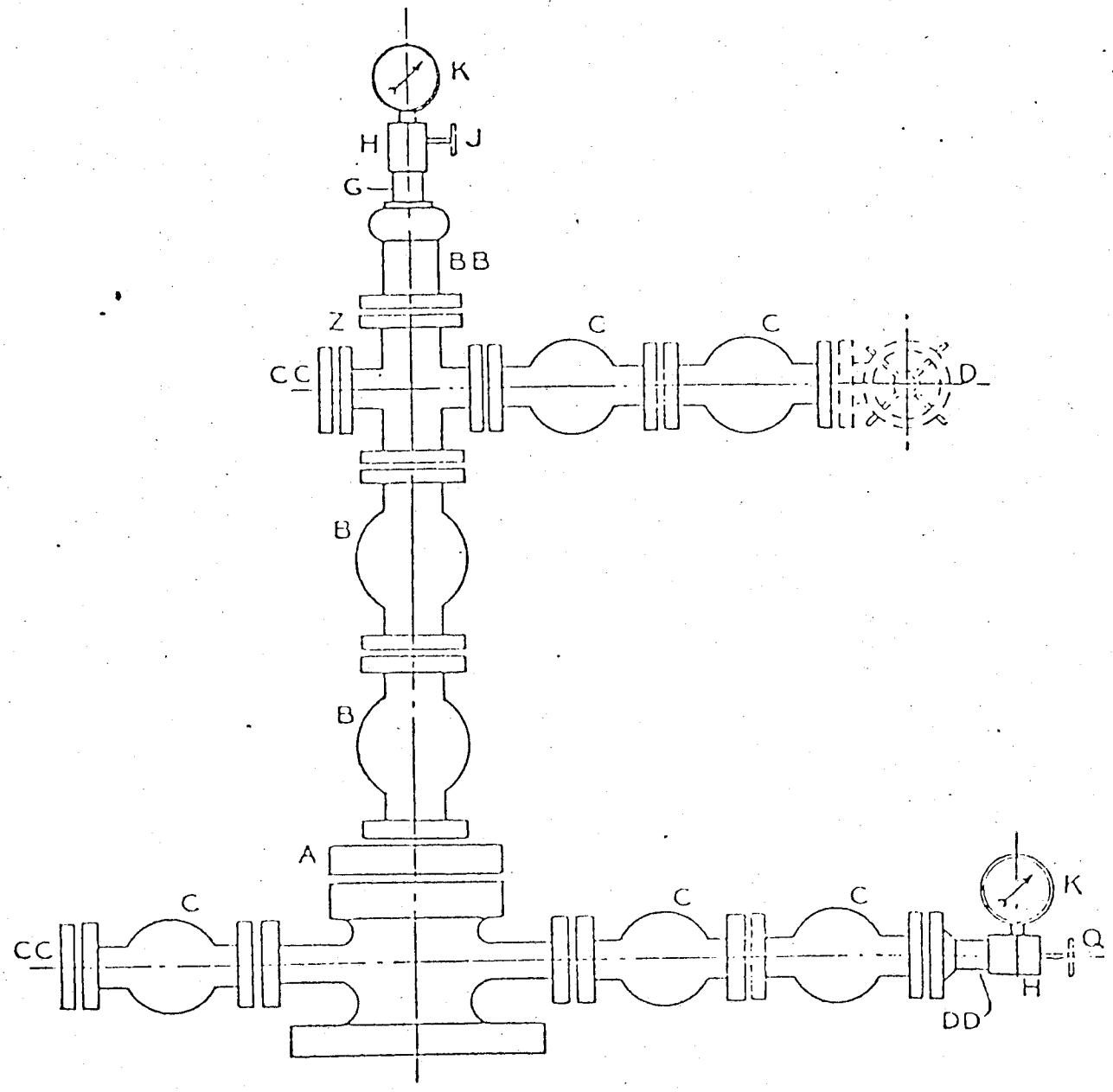
OR 3,000# W. P. PRIMARY CASINGHEAD
AND 3,000# W. P. SECONDARY CASINGHEAD.

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

SCALE: NONE



Amoco Production Company

STANDARD BASIC WELL HEAD HOOK-UP

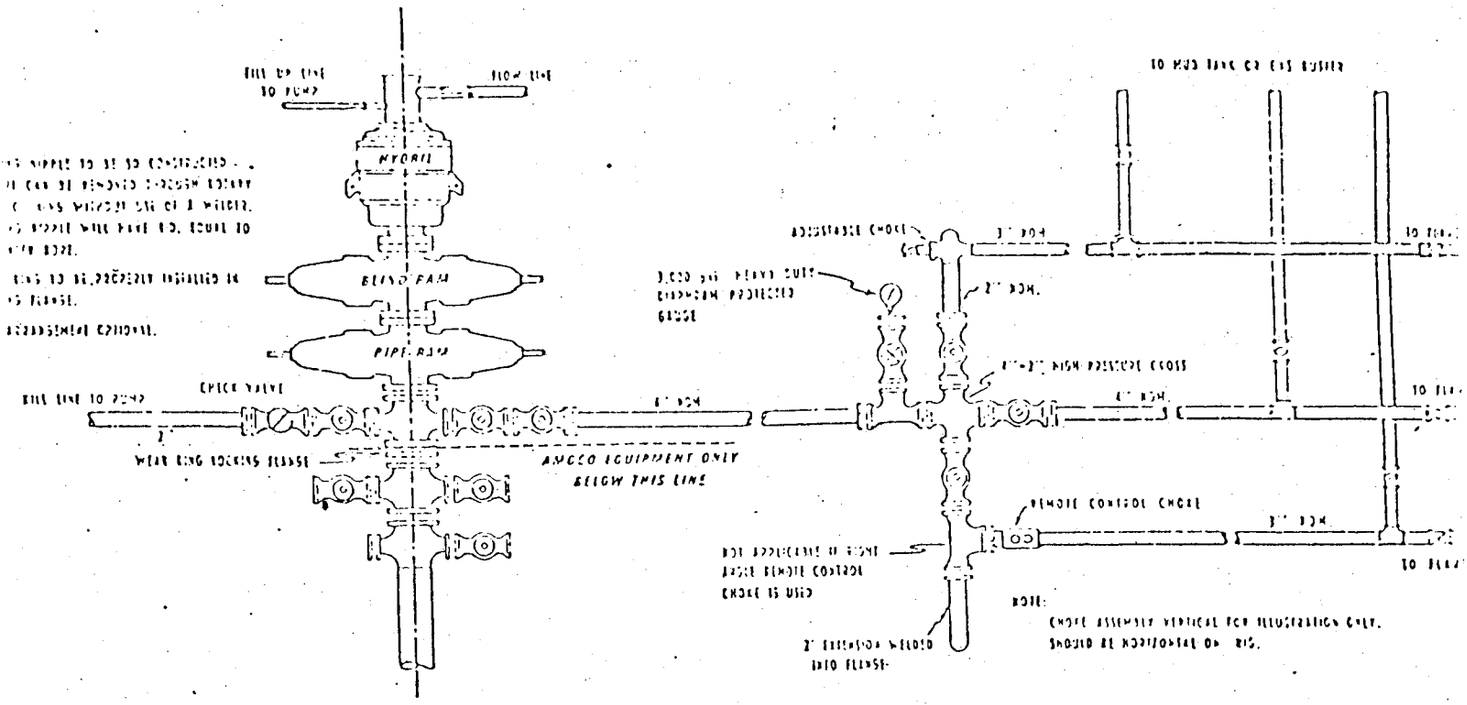
5,000 # W.P.

SCALE: NONE

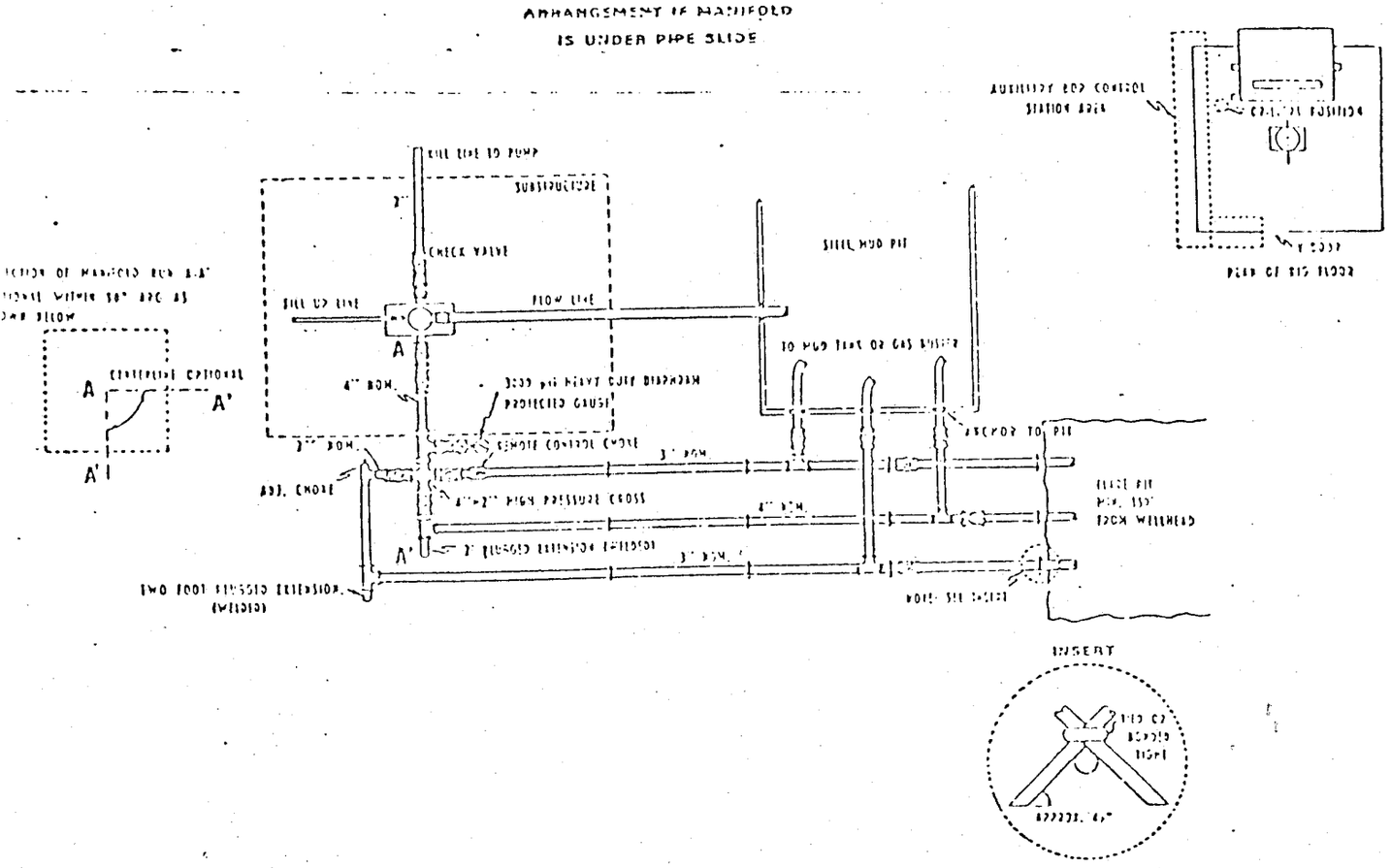
DR. [illegible] AP. [illegible]

DWG. NO. A-8046

ARRANGEMENT IF MANIFOLD IS ON SIDE OF RIG



ARRANGEMENT IF MANIFOLD IS UNDER PIPE SLIDE



1. BOP CONNECTIONS, ALL FITTINGS AND PIPE MUST BE 3,000 psi W.P. MINIMUM.
2. ALL FITTINGS EXCEPTION OF MANIFOLD TO BE FLANGED, SCREWED OR WELDED CONNECTIONS EXCEPTION FROM CHOKE MANIFOLD. ADJUSTABLE CHOKE MAY HAVE SCREWED CONNECTION.
3. ALL VALVES TO BE FULL OPENING, PLUG OR GATE METAL TO METAL SEAL, AND 3,000 psi W.P. MINIMUM.
4. CHECK VALVE MUST BE AVAILABLE ON RIG FLOOR AT ALL TIMES WITH FLOWLINE CONNECTION, VALVE TO BE FULL BORE 3,000 psi W.P. MINIMUM.
5. ALL LINES EXCEPTION OF CHOKE TO BE SEC. CHAP. ANCHORED EVERY 30' AND WITH END OF CHOKE LINE.
6. EXTENSION 4"x2" WHICH IS A FULL PIPE SIZE BE AS CLOSE AS POSSIBLE CONNECTION OF THE CHOKE LINE CHOKE MANIFOLD.
7. SHOCK CHOKE OR NONE.
8. EXTENSION WELDING AND END MUST BE PROPERLY INSTALLED AND ANCHORED AT ALL TIMES.
9. AUXILIARY BOP CONTROL STATION TO BE LOCATED AS CLOSE TO DRILLER POSITION AS POSSIBLE.
10. BOP CONTROLLED CLOSING EQUIPMENT TO INCLUDE TO CHOKE MANIFOLD, AND TWO INDEPENDENT SOURCES OF POWER TO BOP CLOSING UNIT. INSTALLATION TO BE LOCATED AT LEAST 15' FROM SIDE OF CAMPBELL SIDE OF RIG.
11. [illegible] 3,000 psi W.P. [illegible]
12. REMOTE CONTROL CHOKE INSTALLATION AND LINE TO BE STRAIGHT AS POSSIBLE WITH NO 90° ELBOWS BELOW CHOKE.

STATE OF UTAH
DIVISION OF OIL, GAS, AND MINING

** FILE NOTATIONS **

Date: August 31, 1979

Operator: Amoco Production Company

Well No: Champlin 239- Amoco "C" #1

Location: Sec. 7 T. 2N R. 8E County: Summit

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

Card Indexed: /✓/ Completion Sheet: /✓/

API Number: 43-043-30114

CHECKED BY:

~~Administrative Assistant~~: M.J. Minder 9-14-79
Circulate 9 5/8" casing to surf.

Remarks:

Petroleum Engineer: Csg. ok, BOP ok SMH

Remarks:

Director:

Remarks:

INCLUDE WITHIN APPROVAL LETTER:

Bond Required: / / Survey Plat Required: / /

Order No. Surface Casing Change to

#1 x paragr. 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:

plotted on map

Dee

/✓/ Letter Written/Approved

ltm

September 19, 1979

Amoco Production Company
P.O. Box 17675
Salt Lake City, Utah 84117

Re: Well No. Champlin 239 - Amoco "C"-#1
Sec. 7, T. 2N, R. 8E.,
Summit County, Utah

Insofar as this office is concerned, approval to drill the above referred to oil well is hereby granted in accordance with Rule C-3, General Rules and Regulations and Rules of Practice and Procedure. However, you will be required to circulate cement to the surface on your 9 5/8" casing; a quantity of 400 sacks will not accomplish this task.

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

MICHAEL T. MINDER Geological Engineer Office: 533-5771 Home: 876-3001	or	FRANK M. HAMNER Chief Petroleum Engineer Office: 533-5771 Home: 531-7827

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (acquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

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

The API number assigned to this well is 43-043-30114.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Michael T. Minder
Geological Engineer

/btm

cc:

DIVISION OF OIL, GAS AND MINING

PLUGGING PROGRAM

NAME OF COMPANY: Amoco Production Company (Jeff Kevin 272-9253)

WELL NAME: Champlin 239 Amoco C #1

SECTION 7 SW NW TOWNSHIP 2N RANGE 8E COUNTY Summit

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

TOTAL DEPTH: 6000'

CASING PROGRAM:

9 5/8" @ 1559' circulated to surface

8 3/4" openhole TD

FORMATION TOPS:

Kelvin 0 - 6000'

PLUGS SET AS FOLLOWS:

#1 6000' - 5800' 200' plug - 100 sx

#2 3800' - 3700' 100' plug - 75 sx

#3 1475' - 1650' 175' plug - 120 sx (½ in ½ out casing)

#4 40' to surface 15 sx

9.1# abandonment mud between plugs, clean and clear site; etect regulation dryhole marker

DATE December 19, 1979 SIGNED M. J. Munder

Form OGC-1b

SUBM N TRIPLICATE*
(Ot 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:

7. UNIT AGREEMENT NAME:

1. OIL WELL ☐ GAS WELL ☐ OTHER P & A

2. NAME OF OPERATOR: AMOCO PRODUCTION COMPANY

8. FARM OR LEASE NAME: Champlin 239 Amoco "C"

3. ADDRESS OF OPERATOR: P.O. Box 17675 Salt Lake City, Utah 84117

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: 2100' FNL & 585' FWL

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 7, T2N, R8E

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 7245' KB

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*	XX
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.)*

The subject well was Plugged & Abandoned on 12/19/79 in the following manner:

TD: 6,000'

Casing: 9 5/8" set at 1559'

Formation Tops: Kelvin - Surface to TD

Plugs: 100 sx plug set at 6000' - 5800'
75 sx plug set at 3800' - 3700'
120 sx plug set at 1650' - 1475'
15 sx at surface and installed dry hole marker

(Verbal approval from Mike Minder to J.B. Kewin, 12/19/79 at 4:30 p.m.)

RECEIVED
DEC 31 1979
DIVISION OF
OIL, GAS & MINING

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

SIGNED D. J. Davidson mb TITLE Dist. Admin. Supervisor DATE 12/27/79

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

March 20, 1980

Amoco Production Co.
P.O. Box 17675
Salt Lake City, Utah 84117

Re: Well No. Champlin 239 Amoco "C" #1
Sec. 7, T. 2N, R. 8E.
Summit County, Utah

Gentlemen:

This letter is to advise you that the Well Completion or Recompletion Report and Log for the above mentioned well is due and has not been filed with this office as required by our rules and regulations.

Please complete the enclosed Form OGC-3, in duplicate, and forward them to this office as soon as possible.

Thank you for your cooperation relative to the above.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

Janice Tabish

JANICE TABISH
CLERK-TYPIST

Form OGC-3

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

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

5

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY XX Other

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

2. NAME OF OPERATOR: AMOCO PRODUCTION COMPANY

3. ADDRESS OF OPERATOR: P.O. Box 17675 Salt Lake City, Utah 84117

4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*)*
At surface 2100' FNL & 585' FWL, SW NW
At top prod. interval reported below
At total depth

5. LEASE DESIGNATION AND SERIAL NO.: Fee
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT AGREEMENT NAME:
8. FARM OR LEASE NAME: Champlin 239 Amoco "C"
9. WELL NO.: #1
10. FIELD AND POOL, OR WILDCAT: Wildcat
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Sec. 7, T2N, R8E SLBM

Late

14. PERMIT NO.: 43-043-30114 DATE ISSUED: 9/19/79
12. COUNTY OR PARISH: Summit
13. STATE: Utah

15. DATE SPUDDED: 11/2/79
16. DATE T.D. REACHED: 12/19/79
17. DATE COMPL. (*Ready to prod.*): 12/19/79 P & A
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*: 7245' KB
19. ELEV. CASINGHEAD:

20. TOTAL DEPTH, MD & TVD: 6000'
21. PLUG, BACK T.D., MD & TVD: --
22. IF MULTIPLE COMPL., HOW MANY*: --
23. INTERVALS DRILLED BY → ROTARY TOOLS: Surf. - TD CABLE TOOLS:

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*: None
25. WAS DIRECTIONAL SURVEY MADE: No

26. TYPE ELECTRIC AND OTHER LOGS RUN: CNF, BHC/Sonic, Dipmeter, SFL, Velocity
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"	32#	1559'	12 1/4"	1200 sx	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
None				

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
None		

31. PERFORATION RECORD (*Interval, size and number*): None

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
None	

33.* PRODUCTION

DATE FIRST PRODUCTION: | PRODUCTION METHOD (*Flowing, gas lift, pumping—size and type of pump*): | WELL STATUS (*Producing or shut-in*): P & 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

RECEIVED
APR 03 1980
DIVISION OF OIL, GAS & MINING

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

SIGNED D. D. Davidson TITLE Dist. Admin. Supervisor DATE 3/31/80

*(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.
DST #1	2283'	2365'	Rec. 1700' drilling mud
#2	5820'	6000'	Rec. 1747' mud-cut water

38. GEOLOGIC MARKERS

NAME	TOP MEAS. DEPTH	TOP TRUE VERT. DEPTH
Kelvin	Surface	

April 10, 1980

Amoco Production Co.
P.O. Box 17675
Salt Lake City, Utah

Re: Well No. Champlin 239 Amoco "C" #1
Sec. 7, T. 2N. R. 8E.
Summit County, Utah

Gentlemen:

According to our records, a "Well Completion Report" filed with this office 3-31-80, from above referred to well indicates the following electric logs were run: CNF, BHC/SONIC, DIPMETER, SFL, VELOCITY. As of todays date this office has not received these logs.

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

Your prompt attention to the above will be greatly appreciated.

Sincerely,

DIVISION OF OIL, GAS, AND MINING

Janice Tabish

JANICE TABISH
CLERK-TYPIST

JS-164

COMPANY AMOCO PRODUCTION COMPANY WELL CHAMPLIN 239 #C-1 TEST NO. 2 COUNTY SUMMIT STATE UTAH

JOHNSTON

Schlumberger

technical report

F.R. # 14626 D

WELL IDENTIFICATION

COMPANY:	AMOCO PRODUCTION COMPANY P.O. BOX 17675 SALT LAKE CITY, UTAH 84117	CUSTOMER:	SAME
WELL:	CHAMPLIN 239 #C-1	LOCATION:	SEC. 1 - 2N - 8E
TEST INTERVAL:	582Ø' TO 6ØØØ'	FIELD:	WILD CAT
TEST NO:	2	TEST DATE:	12-18-79
COUNTY:	SUMMIT	STATE:	UTAH
TECHNICIAN:	SIRONEN (RIVERTON)	TEST APPROVED BY:	MR. BRAD BILYOU

EQUIPMENT AND HOLE DATA

TEST TYPE:	M.F.E. OPEN HOLE		DRILL PIPE LENGTH:	5151	FT.
			DRILL PIPE I.D.:	2.75	IN.
ELEVATION:	-	FT.	DRILL COLLAR LENGTH:	631	FT.
TOTAL DEPTH:	6ØØØ	FT.	DRILL COLLAR I.D.:	2.5	IN.
MAIN HOLE/CASING SIZE:	8 3/4	IN.	PACKER DEPTHS:	5814 & 582Ø	FT.
RAT HOLE/LINER SIZE:	-	IN.		&	FT.
FORMATION TESTED:	-			&	FT.
NET PROD. INTERVAL:	-	FT.	DEPTHS REF. TO:	KELLY BUSHING	
POROSITY:	-	%			

TEST TOOL CHAMBER DATA

SAMPLER PRESSURE:	Ø	PSIG
RECOVERED OIL GRAVITY:	- API @	- DEG. F.
RECOVERY GOR:	-	FT3/BBL.

SAMPLE CHAMBER CONTENTS

FLUID	VOLUME	RESIST. (OHM-M)	MEAS. TEMP. (DEG F.)	CHLOR. (PPM)
GAS:	- FT.3			
OIL:	- CC			
WATER:	236Ø CC	-	-	-
MUD:	- CC	3.4	56	
FILTRATE:		3.5	56	11ØØ
TOTAL LIQUID:	236Ø CC			

MUD DATA

TYPE:	FLOCCULATED		
WEIGHT:	9.1	LB/GAL.	
VISCOSITY:	42	SEC.	
WATER LOSS:	7.8	CC	
FLUID	RESIST (OHM-M)	TEMP (DEG F)	CHLOR (PPM)
MUD:	2.4	52	
FILTRATE:	2.2	54	65Ø

REMARKS

NO. OF REPORTS REQUESTED: 18 (1X)

FIELD REPORT NO. 14626D

SURFACE INFORMATION

DESCRIPTION(RATE OF FLOW)	TIME	PRESSURE PSIG	SURFACE CHOKE
OPENED TOOL NO BLOW	11Ø9	-	-
WEAK BLOW, INCREASED	1112	-	-
BLOW TO BOTTOM OF BUCKET	1115	-	-
CLOSED FOR INITIAL SHUT-IN	1119	-	-
FINISHED SHUT-IN	1219	-	-
RE-OPENED TOOL	1223	-	-
WEAK BLOW INCREASED THROUGHOUT FINAL FLOW TO BLOW 1ØØ" IN WATER	132Ø	-	-
CLOSED FOR FINAL SHUT-IN	1325	-	-
FINISHED SHUT-IN	1525	-	-
PULLED PACKER LOOSE	1527	-	-

CUSHION TYPE: - - FT - PSIG | 15/16 IN. BOTTOM CHOKE

RECOVERY INFORMATION

RECOVERY	FEET	BARRELS	%OIL	%WATER	%OTHERS	API GRAV.	DEG.	RESIST	DEG.	CHL PPM
MUDDY WATER	1747	12.Ø	-	-	-	-	-	-	-	-

FIELD REPORT NO. 14626D

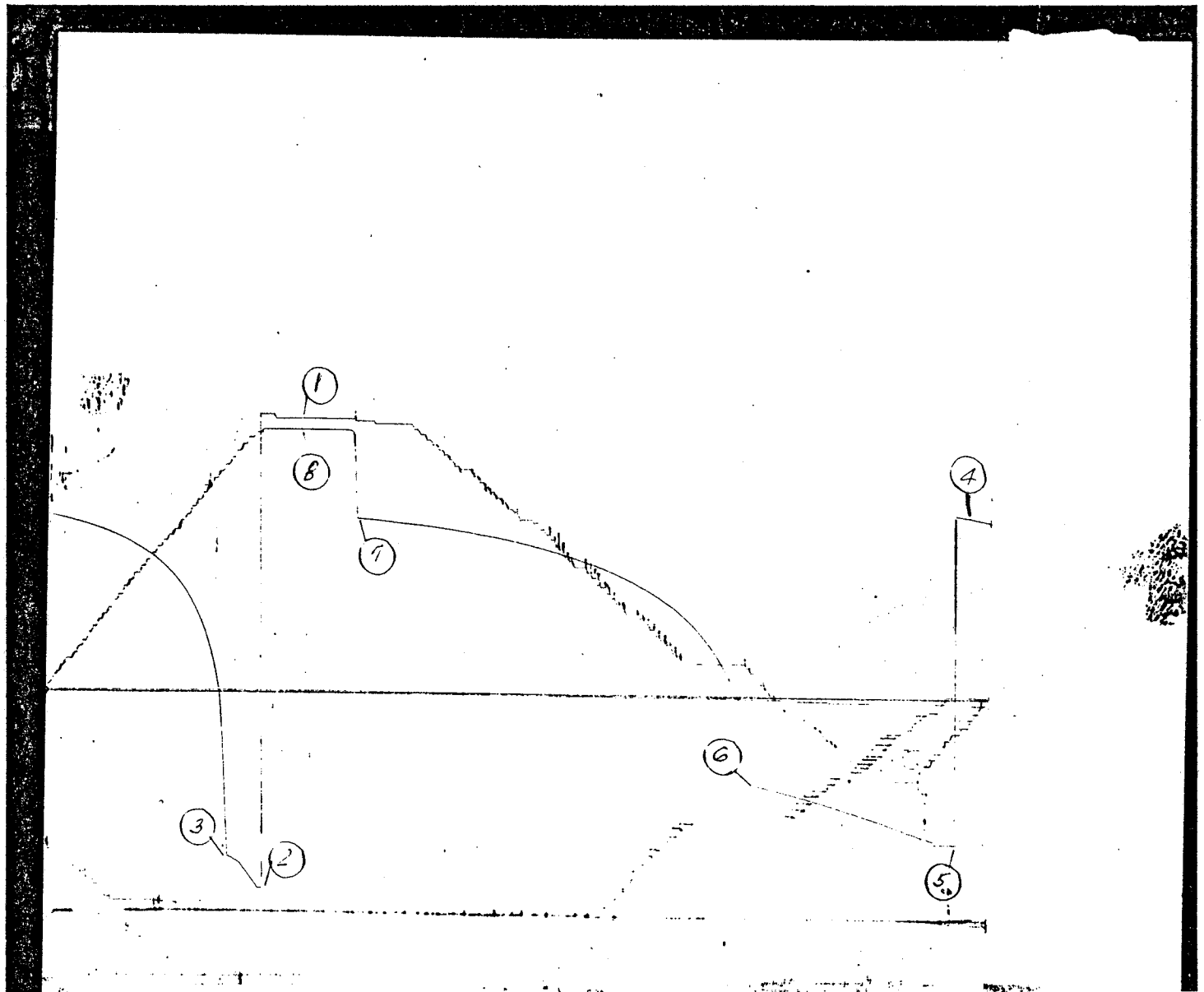
FIELD REPORT NO.: 14626 D

CAPACITY: 4700#

INSTRUMENT NO.: J-1342

NUMBER OF REPORTS: 18+

JOHNSTON
Schlumberger



JS-167

BOTTOM HOLE PRESSURE AND TIME DATA

INSTRUMENT NO.: J-1342 CAPACITY (PSI): 4700 DEPTH (FT): 5826
PORT OPENING: INSIDE BOTTOM HOLE TEMP (F): 122

EXPLANATION	LABELED POINT	PRESSURE (PSIG)	ELAPSED TIME (MIN)
HYDROSTATIC MUD	1	2870	-11.1
START FLOW	2	142	0.0
END FLOW & START SHUT-IN	3	327	10.4
END SHUT-IN	4	2328	71.8
START FLOW	5	442	75.6
END FLOW & START SHUT-IN	6	776	136.3
END SHUT-IN	7	2295	254.4
HYDROSTATIC MUD	8	2806	271.0

* SUMMARY OF FLOW PERIODS *

FLOW PERIOD	ELAPSED TIME AT START (MIN)	ELAPSED TIME AT END (MIN)	DURATION OF FLOW (MIN)	PRESSURE AT START (PSIG)	PRESSURE AT END (PSIG)
1	0.0	10.4	10.4	142	327
2	75.6	136.3	60.7	442	776

* SUMMARY OF SHUT-IN PERIODS *

SHUT-IN PERIOD	ELAPSED TIME AT START (MIN)	ELAPSED TIME AT END (MIN)	DURATION OF SHUT-IN (MIN)	PRESSURE AT START (PSIG)	PRESSURE AT END (PSIG)	FINAL FLOW PRESSURE (PSIG)	PRODUCING TIME (MIN)
1	10.4	71.8	61.3	327	2328	327	10.4
2	136.3	254.4	118.2	776	2295	776	71.1

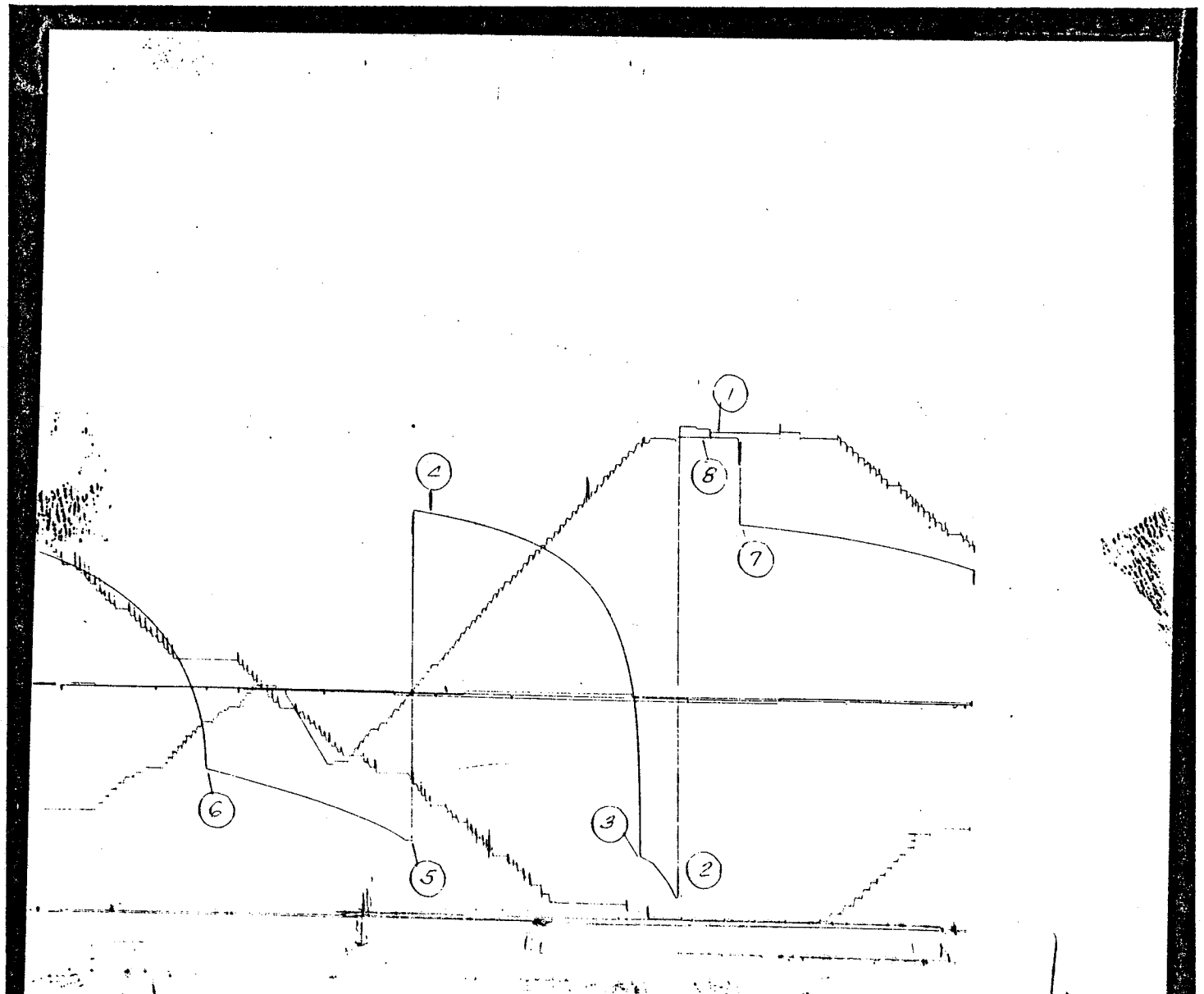
FIELD REPORT NO.: 14626 D

CAPACITY: 4700#

INSTRUMENT NO.: J-253

NUMBER OF REPORTS: 18+

JOHNSTON
Schlumberger



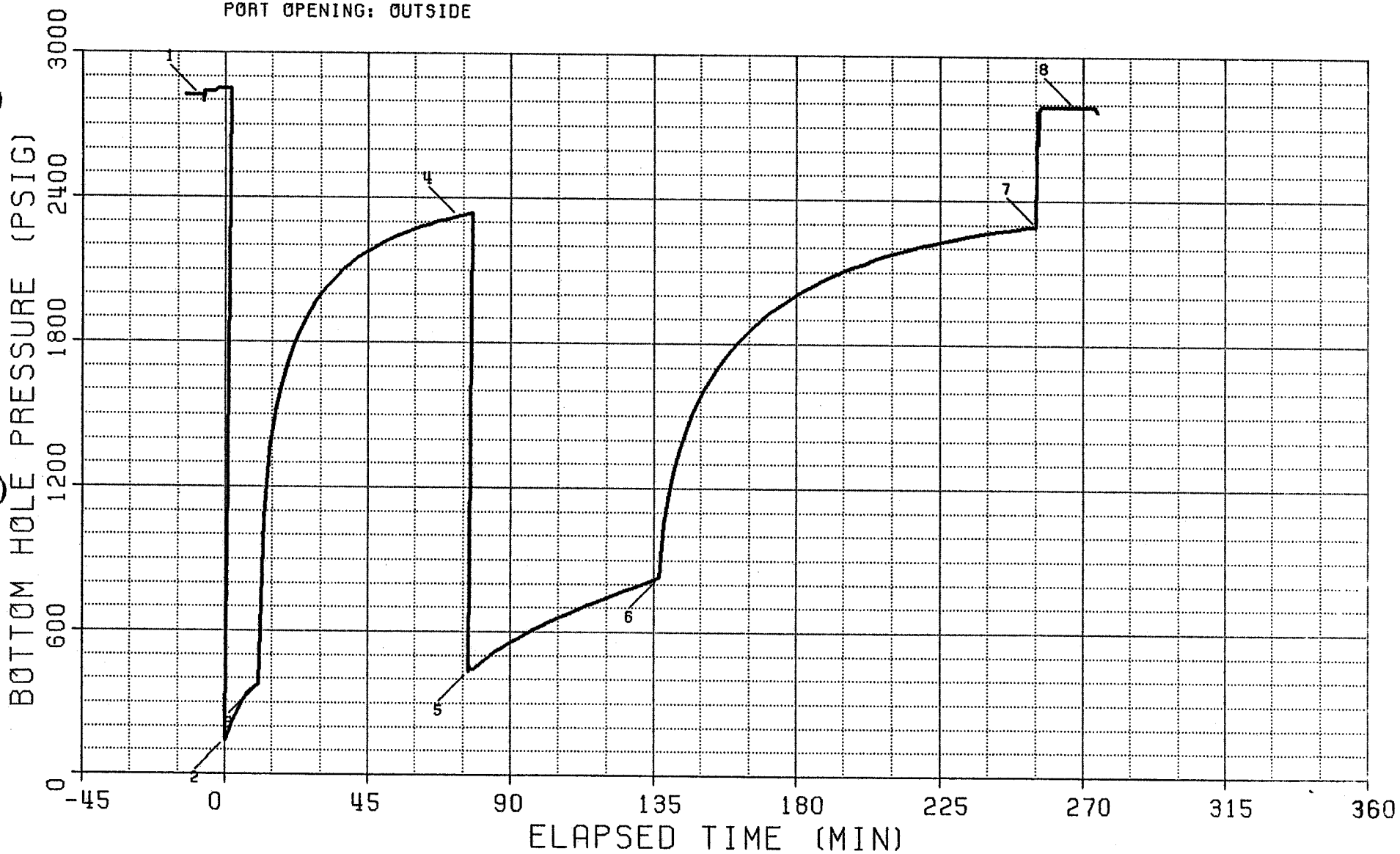
US-167

PRESSURE LOG

FIELD REPORT NO. 14626D

INSTRUMENT:

NUMBER: J-253
CAPACITY: 4700 PSI
DEPTH: 5832 FT
PORT OPENING: OUTSIDE



BOTTOM HOLE PRESSURE AND TIME DATA

INSTRUMENT NO.: J-253
PORT OPENING: OUTSIDE

CAPACITY (PSI): 4700
BOTTOM HOLE TEMP (F): 122

DEPTH (FT): 5832

EXPLANATION	LABELED POINT	PRESSURE (PSIG)	ELAPSED TIME (MIN)
HYDROSTATIC MUD	1	2822	-8.2
START FLOW	2	143	0.0
END FLOW & START SHUT-IN	3	376	10.7
END SHUT-IN	4	2321	73.3
START FLOW	5	433	76.7
END FLOW & START SHUT-IN	6	828	136.6
END SHUT-IN	7	2293	255.2
HYDROSTATIC MUD	8	2791	267.1

SUMMARY OF FLOW PERIODS

FLOW PERIOD	ELAPSED TIME AT START (MIN)	ELAPSED TIME AT END (MIN)	DURATION OF FLOW (MIN)	PRESSURE AT START (PSIG)	PRESSURE AT END (PSIG)
1	0.0	10.7	10.7	143	376
2	76.7	136.6	59.9	433	828

SUMMARY OF SHUT-IN PERIODS

SHUT-IN PERIOD	ELAPSED TIME AT START (MIN)	ELAPSED TIME AT END (MIN)	DURATION OF SHUT-IN (MIN)	PRESSURE AT START (PSIG)	PRESSURE AT END (PSIG)	FINAL FLOW PRESSURE (PSIG)	PRODUCING TIME (MIN)
1	10.7	73.3	62.6	376	2321	376	10.7
2	136.6	255.2	118.5	828	2293	828	70.6

FIELD REPORT NO. 14626D
INSTRUMENT NO. J-253

TEST PHASE : FLOW PERIOD # 1
****

ELAPSED TIME (MIN)	DELTA TIME (MIN)	FLOWING PRESSURE (PSIG)
0.0	0.0	143
5.0	5.0	288
10.0	10.0	369
10.7	10.7	376

TEST PHASE : SHUT-IN PERIOD # 1
****

1. FINAL FLOW PRESSURE ["P_{WF}"] = 376 PSIG
2. PRODUCING TIME ["T_P"] = 10.7 MIN

ELAPSED TIME (MIN)	DELTA TIME ["DT"] (MIN)	SHUT-IN PRESSURE ["P_{WS}"] (PSIG)	LOG [(T_P+DT)/DT]	DELTA PRESSURE [P_{WS} - P_{WF}]
10.7	0.0	376		0
11.7	1.0	795	1.069	419
12.7	2.0	1120	0.803	744
13.7	3.0	1272	0.660	896
14.7	4.0	1390	0.566	1014
15.7	5.0	1474	0.497	1098
16.7	6.0	1546	0.445	1170
17.7	7.0	1607	0.403	1231
18.7	8.0	1658	0.369	1282
19.7	9.0	1705	0.340	1329
20.7	10.0	1746	0.316	1370
22.7	12.0	1818	0.277	1442
24.7	14.0	1876	0.247	1500
26.7	16.0	1925	0.223	1549
28.7	18.0	1969	0.203	1593
30.7	20.0	2006	0.186	1629
32.7	22.0	2039	0.172	1662
34.7	24.0	2067	0.160	1691
36.7	26.0	2093	0.150	1717
38.7	28.0	2116	0.141	1740
40.7	30.0	2137	0.133	1761
45.7	35.0	2182	0.116	1805
50.7	40.0	2218	0.103	1842
55.7	45.0	2249	0.093	1872
60.7	50.0	2274	0.084	1897
65.7	55.0	2295	0.077	1919
70.7	60.0	2313	0.071	1937
73.3	62.6	2321	0.069	1945

FIELD REPORT NO. 14626D
INSTRUMENT NO. J-253

TEST PHASE : FLOW PERIOD # 2
****

ELAPSED TIME (MIN)	DELTA TIME (MIN)	FLOWING PRESSURE (PSIG)
76.7	0.0	433
81.7	5.0	480
86.7	10.0	528
91.7	15.0	568
96.7	20.0	604
101.7	25.0	638
106.7	30.0	668
111.7	35.0	697
116.7	40.0	725
121.7	45.0	752
126.7	50.0	778
131.7	55.0	804
136.6	59.9	828

TEST PHASE : SHUT-IN PERIOD # 2
****

1. FINAL FLOW PRESSURE ["P_{WF}"] = 828 PSIG
2. PRODUCING TIME ["T_P"] = 70.6 MIN

ELAPSED TIME (MIN)	DELTA TIME ["DT"] (MIN)	SHUT-IN PRESSURE ["P_{WS}"] (PSIG)	LOG [(T_P+DT)/DT]	DELTA PRESSURE [P_{WS} - P_{WF}]
136.6	0.0	828		0
137.6	1.0	986	1.855	158
138.6	2.0	1098	1.560	270
139.6	3.0	1178	1.390	350
140.6	4.0	1235	1.271	407
141.6	5.0	1289	1.180	461
142.6	6.0	1335	1.106	507
143.6	7.0	1379	1.045	551
144.6	8.0	1417	0.992	590
145.6	9.0	1454	0.947	626
146.6	10.0	1486	0.906	658
148.6	12.0	1547	0.838	719
150.6	14.0	1599	0.781	771
152.6	16.0	1646	0.733	818
154.6	18.0	1688	0.692	860
156.6	20.0	1725	0.656	897
158.6	22.0	1759	0.624	931
160.6	24.0	1791	0.596	963
162.6	26.0	1820	0.570	992
164.6	28.0	1847	0.547	1019
166.6	30.0	1872	0.526	1044

FIELD REPORT NO. 14626D
INSTRUMENT NO. J-253

TEST PHASE : SHUT-IN PERIOD # 2
****

1. FINAL FLOW PRESSURE ["P_{WF}"] = 828 PSIG
2. PRODUCING TIME ["T_P"] = 70.6 MIN

ELAPSED TIME (MIN)	DELTA TIME ["DT"] (MIN)	SHUT-IN PRESSURE ["P_{WS}"] (PSIG)	LOG [(T_P+DT)/DT]	DELTA PRESSURE [P_{WS} - P_{WF}]
171.6	35.0	1928	0.480	1100
176.6	40.0	1976	0.442	1148
181.6	45.0	2017	0.410	1189
186.6	50.0	2052	0.382	1225
191.6	55.0	2085	0.359	1257
196.6	60.0	2112	0.338	1285
201.6	65.0	2137	0.319	1309
206.6	70.0	2162	0.303	1334
211.6	75.0	2182	0.288	1354
216.6	80.0	2200	0.275	1372
221.6	85.0	2216	0.263	1389
226.6	90.0	2231	0.252	1403
231.6	95.0	2245	0.241	1417
236.6	100.0	2257	0.232	1429
241.6	105.0	2268	0.223	1440
246.6	110.0	2278	0.215	1450
251.6	115.0	2287	0.208	1459
255.2	118.5	2293	0.203	1465