Form OGC-1a

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

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

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 17675, Salt Lake City, UT 84117

4. Location of Well (Report location clearly and in accordance with any State requirements.*)
At surface: NE/4 SW/4 Section 30, 2118.1' FWL 1897.5' FSL
At proposed prod. zone

5. Lease Designation and Serial No.: Fee

6. If Indian, Allottee or Tribe Name

7. Unit Agreement Name

8. Farm or Lease Name: Champlin 432 Amoco B

9. Well No.: 1

10. Field and Pool, or Wildcat: Wildcat

11. Sec., T., R., M., or Blk. and Survey or Area: Section 30, T6N, R6E

12. County or Parrish 13. State

14. Distance in miles and direction from nearest town or post office*: Approximately 44.5 miles SW of Evanston, Wyoming

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: 7000'

20. Rotary or cable tools: Rotary to TD

21. Elevations (Show whether DF, RT, GR, etc.): 6679' Top of HUB

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
12½"	9 5/8"	32.3# H-40 ST&C	1800'	490SX Class "G" Cement
8½"	7"	26# K-55 ST&C	80'	575 SX Class "G"
	7"	23# K-55 ST&C	6100'	To cover prospective pay
	7"	26# K-55 ST&C	1000'	

Propose to test for Triassic and Paleozoic hydrocarbons. We propose to make this well a 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: Original Signed By D. S. DAVIDSON Title: Dist. Admin. Supervisor Date: 8/27/79

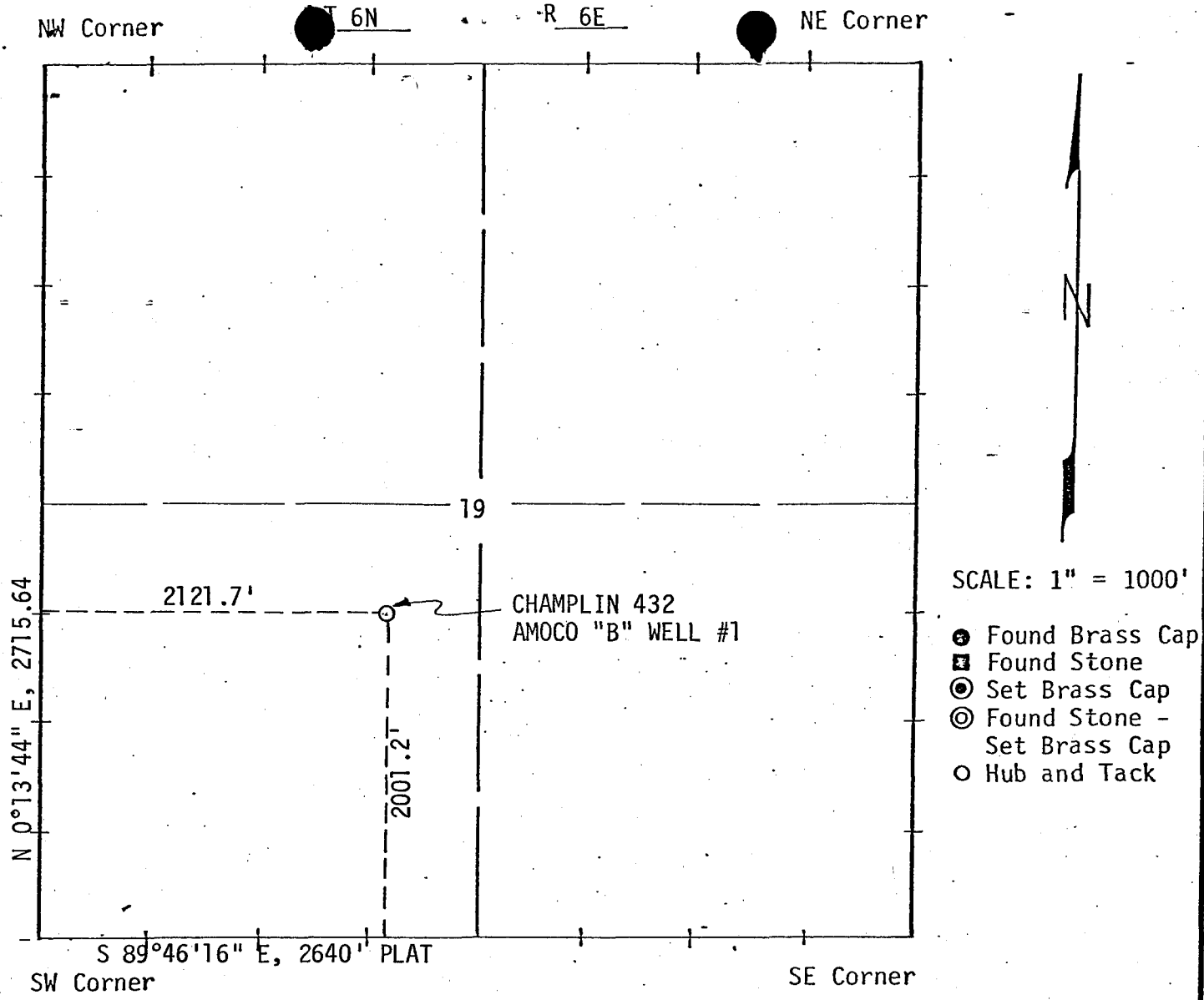
(This space for Federal or State office use)

Permit No. Approval Date

Approved by Title Date

Conditions of approval, if any:

*See Instructions On Reverse Side



I, John A. Proffit of Evanston, Wyoming certify that in accordance with a request from R.C. Buckley of Evanston, Wyoming for Amoco Production Co. I made a survey on the 28th day of September, 1979 for Location and Elevation of the Champlin 432 Amoco "B" Well #1 as shown on the above map, the wellsite is in the NE¼SW¼ of Section 19, Township 6N, Range 6E of the Salt Lake Base & Meridian, Morgan County, State of Utah, Elevation is 6689 Feet Top of Hub Datum U.S.G.S. Quadrangle - Francis Canyon, Utah NE¼NW¼ Section 25, T6N, R5E, SLBM - Spot Elevation 7530'

Reference point

Reference point

Reference point

Reference point

John A. Proffit - 10/10/79

JOHN A. PROFFIT, UTAH R.L.S. NO. 2860

DATE: October 10, 1979
JOB NO.: 79-10-55

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

STATE OF UTAH
DIVISION OF OIL, GAS, AND MINING

** FILE NOTATIONS **

Date: august 31, 1979

Operator: Amoco Production Company

Well No: Champlin 432-Amoco "B" 1

Location: Sec. 19 ~~30~~ T. 6N R. 6E County: Morgan

√File Prepared: [ ] Entered on N.I.D.: [√]

√Card Indexed: [√] √Completion Sheet: [√]

√API Number: 43-029-30008

CHECKED BY:

~~Administrative Assistant~~: M.J. Minder 9-12-79
Include H_2S req.

Remarks:

Petroleum Engineer: Csg. ok., BOP on Sml

Remarks:

Director: OK CBF

Remarks:

INCLUDE WITHIN APPROVAL LETTER:

Bond Required: [ ] Survey Plat Required: [ ]

#1 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:

nl
PI plotted on Map

[✓] Letter Written/Approved

Form OGC-1b

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. OIL WELL [XX] GAS WELL [ ] OTHER

2. NAME OF OPERATOR: AMOCO PRODUCTION COMPANY

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: NE/4 SW/4 Sec. 19 2001.2' FSL & 2121.7' FWL **

5. LEASE DESIGNATION AND SERIAL NO.: FEE

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Champlin 432 Amoco "B"

9. WELL NO.: #1

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 19, T6N, R6E SLBM

12. COUNTY OR PARISH: Morgan

13. STATE: Utah

14. PERMIT NO.: 43-029-30008

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 6679' Ungraded Ground

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*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]				
(Other) LOCATION CHANGE			XXX	(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.)*

** Amoco Production Company proposes to drill the subject well at the above noted location rather than in the NE/4 SW/4, Section 30 as originally submitted.

All other previously submitted well data to remain the same, revised survey plats are attached.

APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING

DATE: _____

BY: _____

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

SIGNED Original Signed By D. S. DAVIDSON TITLE Dist. Admin. Supervisor DATE 10/17/79

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Form OGC-1a

CORRECTED APPLICATION

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

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Correct footage
At proposed prod. zone

5. Lease Designation and Serial No.: Fee

6. If Indian, Allottee or Tribe Name:

7. Unit Agreement Name:

8. Farm or Lease Name: Champlin 432 Amoco "B"

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19. Proposed depth: 7,000'

20. Rotary or cable tools: Rotary to TD

21. Elevations (Show whether DF, RT, GR, etc.): 6679' top of hub

22. Approx. date work will start*: when approved

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	7"	26# K-55 ST&C	1000'	" "

Propose to test for Triassic and Paleozoic hydrocarbons.
We propose to make this well a stand-up well.

See Attachments

RECEIVED OCT 29 1979 DIVISION OF OIL, GAS, & MINING

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24. Signed: D. P. Davidson Title: Dist. Admin. Supervisor Date: 10/24/79

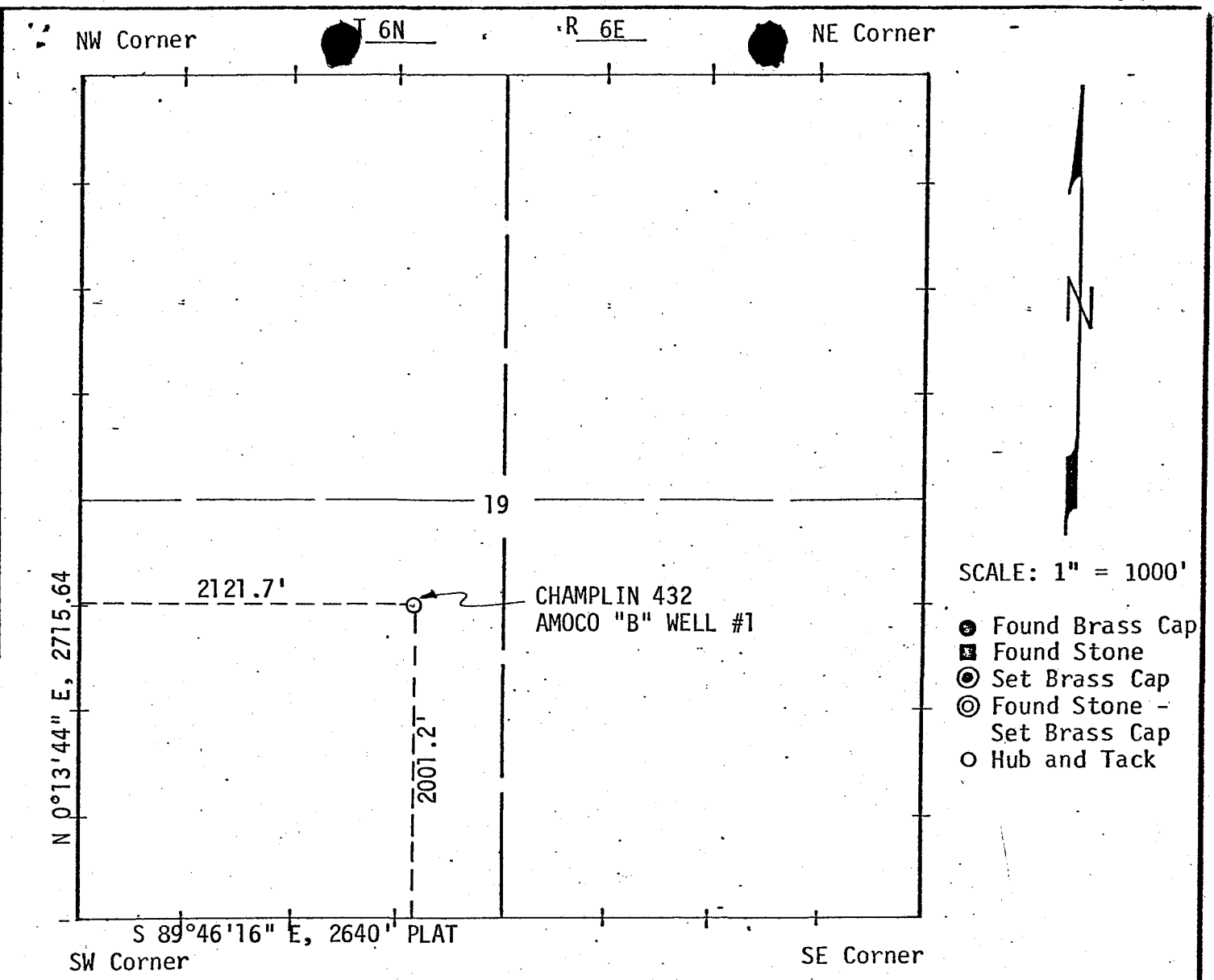
(This space for Federal or State office use)

Permit No. Approval Date

Approved by Title Date

Conditions of approval, if any:

*See Instructions On Reverse Side



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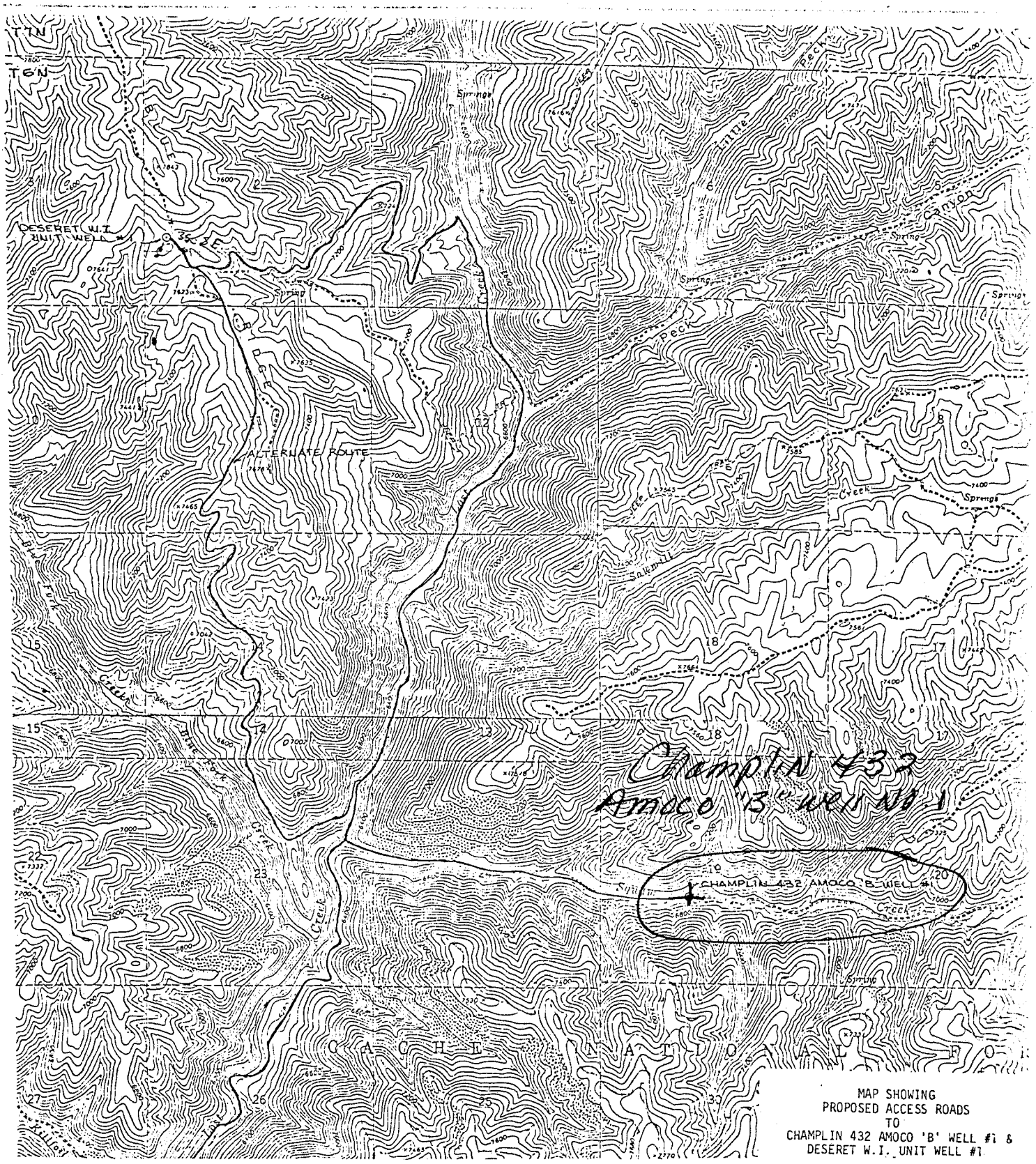
John A. Proffit - 10/10/79

JOHN A. PROFFIT, UTAH R.L.S. NO. 2860

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

DATE: October 10, 1979
JOB NO.: 79-10-55



MAP SHOWING
PROPOSED ACCESS ROADS
TO
CHAMPLIN 432 AMOCO 'B' WELL #1 &
DESERET W.I. UNIT WELL #1

ATTACHMENT TO FORM OGC-

Champlin 432 Amoco B No. 1

1. Geologic name of the surface formation: Thaynes

2. Estimated tops of geological markers:

Thaynes - Surface	Wells - 2650'
Woodside - 900'	Mississippian - 3100'
Dinwoody - 1700'	Cretaceous - 6700'
Phosphoria - 2100'	TD - 7000'

3. Estimated depths anticipated to encounter water, oil, gas or other mineral-bearing formations: 900', 1700', 2100', 2650', 3100', 6700', 7000'

4. Casing Program - See Form OGC-1a

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:

0-1,000'	Native	8.3-8.5 #/Gal.
1,000'- TD	LSND	8.5-9.0 #/Gal.* as required to clean hole

* Use minimum weight possible

7. Auxiliary Equipment:

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

2 Man Mud Logging on location from Surface to TD.

8. Testing Program:

2 DST's - (1) Dinwoody, (1) Phosphoria *

* At discretion of Denver Region Expl.

Logging Program

*DIL-GR -	Bottom	of	Surface	Casing	To	TD
Sonic-GR -	"	"	"	"	"	"
CNL-FDC-GR-	"	"	"	"	"	"
Dipmeter-	"	"	"	"	"	"

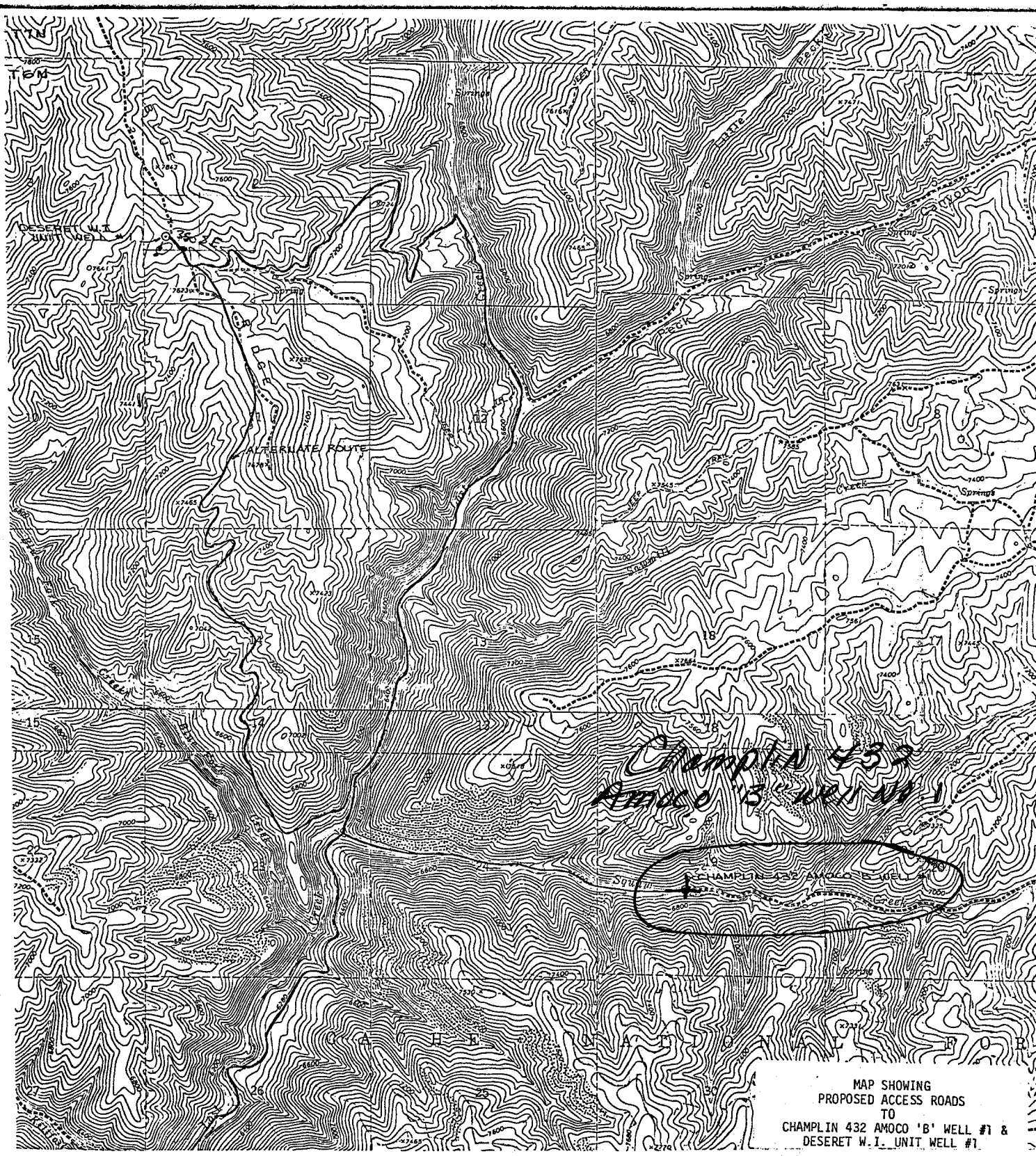
Coring Program

None

Stimulation Program To be determined by Denver Office upon completion of drilling and Drill Stem Tests.

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.



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Sonic-GR -	"	"	"	"	"	"
CNL-FDC-GR-	"	"	"	"	"	"
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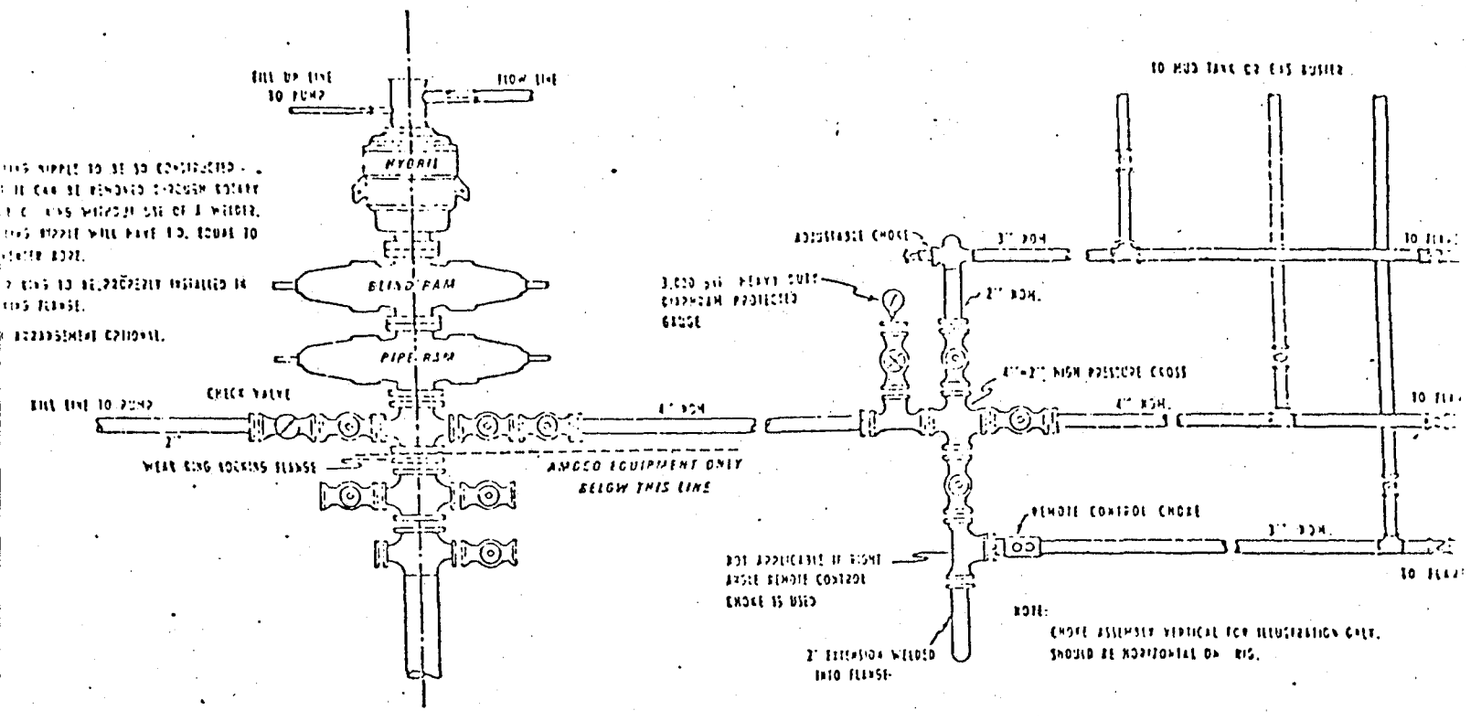
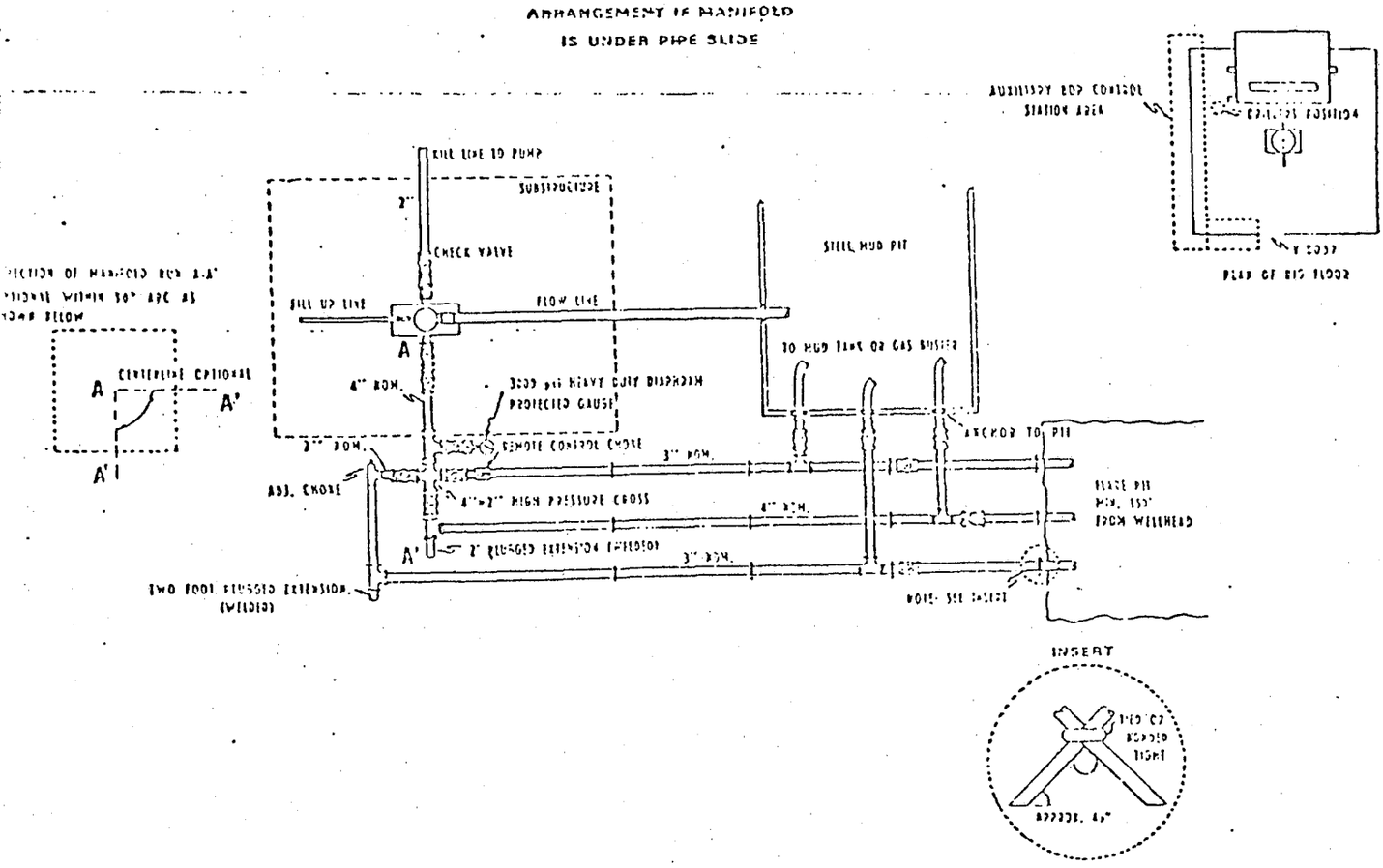
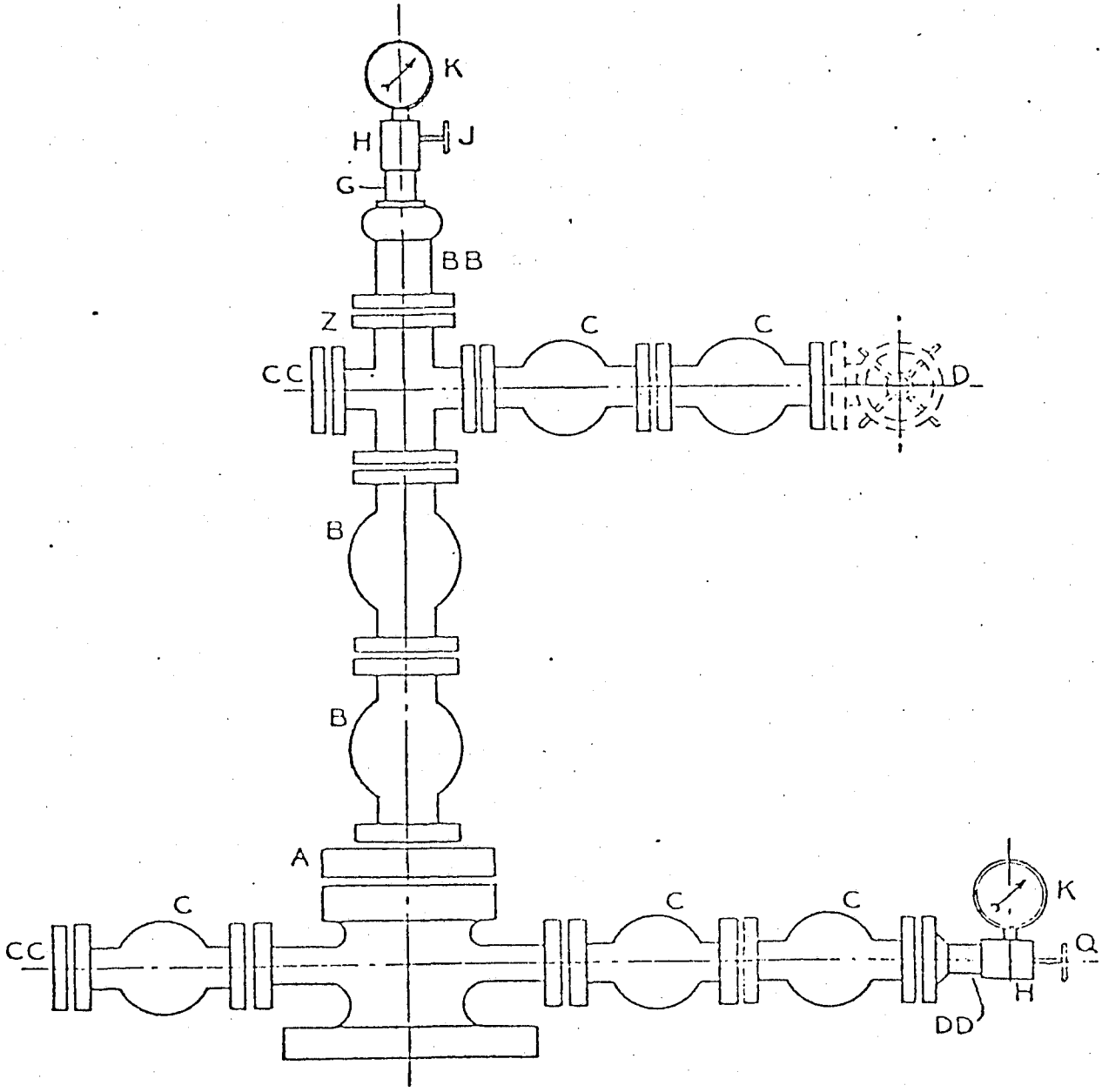
ARRANGEMENT IF MANIFOLD IS ON SIDE OF RIG



ARRANGEMENT IF MANIFOLD IS UNDER PIPE SLIDE



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 CONSIDERED 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. ENDS 30' AND BEND END OF CHOKE LINE.
6. EQUIPMENT DOWNSTREAM WHICH BLOW PIPE SHALL BE AS CLOSE AS INSIDE DIAMETER OF THE CHOKE LINE BEHIND THE CHOKE.
7. STEEL BLOCK OR NOTCH.
8. EXTENSION WELDMENTS AND FLANGE WELDS TO BE PROPERLY INSPECTED AND BACKED AT ALL TIMES.
9. AUXILIARY BLOW OUT PREVENTER CONTROL STATION TO BE LOCATED AS CLOSE TO DRILLERS POSITION AS PRACTICAL.
10. BLOW OUT PREVENTER CLOSING EQUIPMENT TO INCLUDE TO ENSURE RECOVERY, AND TWO INDEPENDENT SOURCES OF PUMP POWER OR BACK CLOSING UNIT. INSTALLATION TO BE LOCATED AT LEAST 35' FROM STACK ON OPPOSITE SIDE OF RIG.
11. ALL CONNECTIONS AND SPECIAL 1" O.D. MIN. GRADE E 55 OR AS OR MIN. 3,000 psi W.P. LINE PIPE.
12. REMOTE CONTROL CHOKE INSTALLATION AND LINE TO BE STRAIGHT AS POSSIBLE WITH NO 90° BENDS BELOW CHOKE.



Amoco Production Company

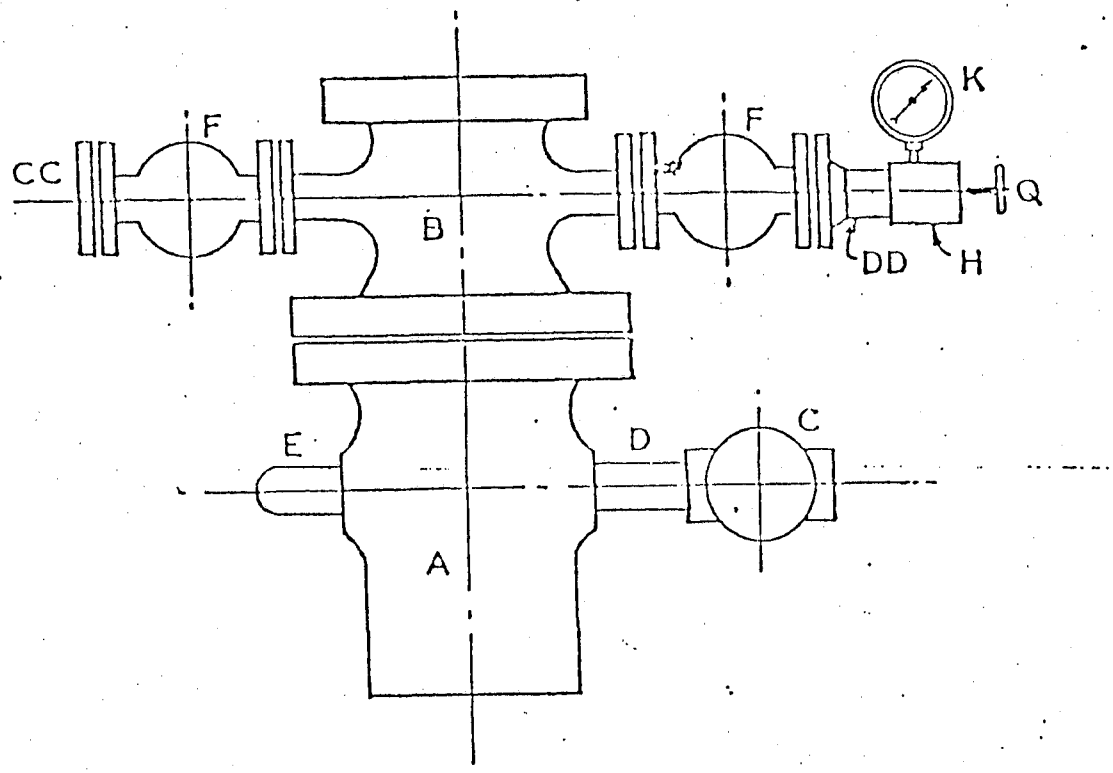
STANDARD BASIC WELL HEAD HOOK-UP

5,000 # W.P.

SCALE: NONE

DR. [illegible]

DWG. NO. A-8046.

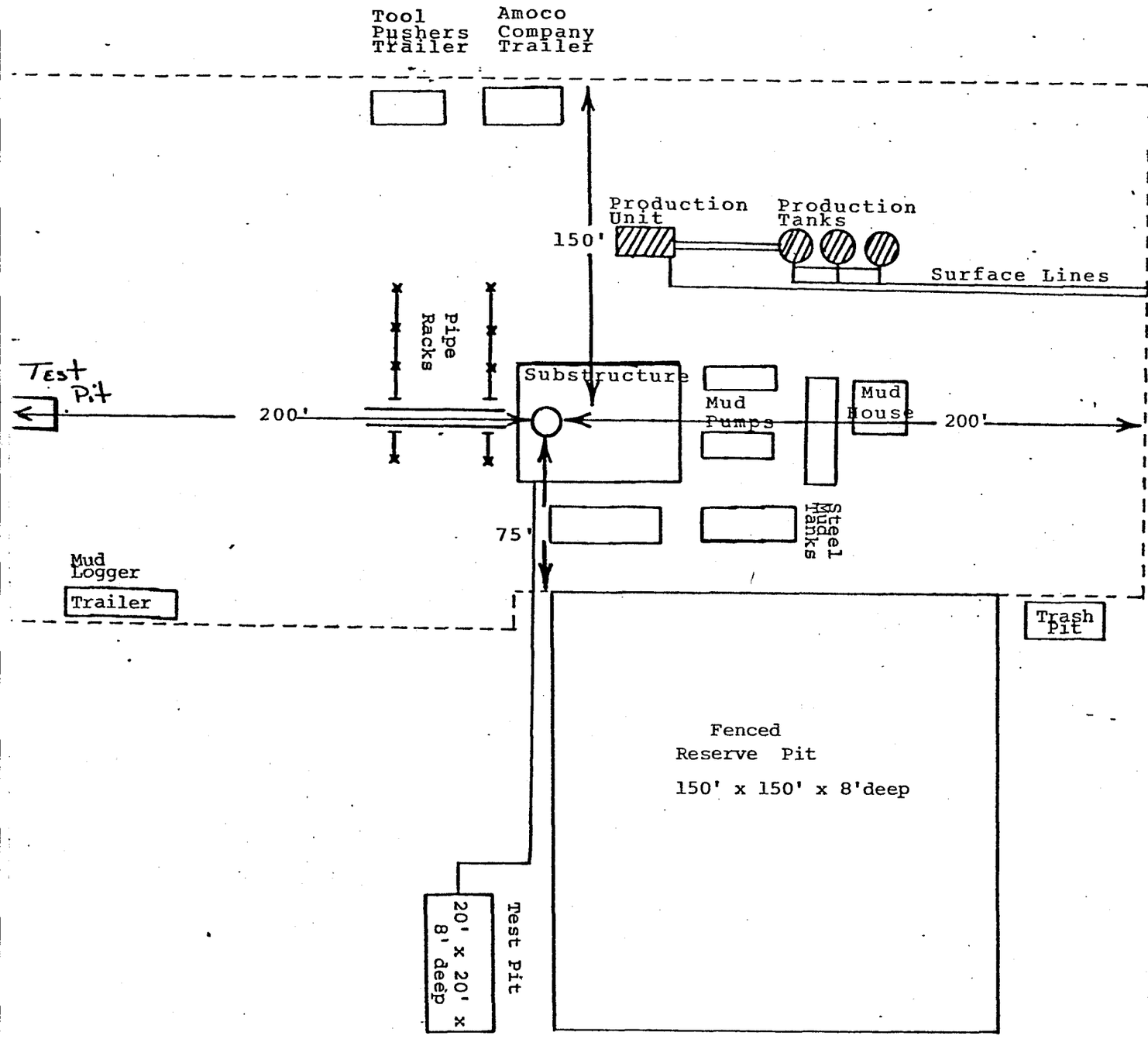


FOR 2,000# W. P. PRIMARY CASINGHEAD
AND 3,000# W. P. SECONDARY CASINGHEAD.

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.



= 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 drilling 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"

November 1, 1979

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

Re: Well No. Champlin 432 Amoco B-1
Sec. 19, T. 6N, R. 6E.,
Morgan 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.

Should you determine that 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

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 43-029-30008.

Sincerely,

Division of Oil, Gas and Mining

Michael T. Minder
Geological Engineer

/btm

cc

Amoco Production Company

SCOUT TICKET

API WELL NO.			
State	County	Unique	S/T

STATE UTAH COUNTY/PARISH MORGAN AREA/FIELD

SECTION 19 BLOCK/TWP 6N SURVEY/RANGE 6E

COMPANY AMOCO PRODUCTION CO

LEASE CHAMPLIN 432 Amoco "B" WELL NO. #1

AFE NO. & TYPE WC-58.33%

LOCATION NE SW

FEET FROM LINE: N ____ E ____ S ____ W ____

WI	☐	RI	☐
OWWO	☐	AFE	☐
OFFSET WI	☐	OFFSET RI	☐
OTHER	☐		
WC	☐	IMP	☐

PROPERTY NO. ____

QTR ____

MAP NO. ____

DATE SPUDDED ____ PROPOSED DEPTH ____ ELEV ____

DATE COMPLETED ____ TD ____

PFS ____ IP ____

CH ____ TP ____ GOR ____ GTY ____

PFS ____ IP ____

CH ____ TP ____ GOR ____ GTY ____

CASING ____ @ ____ WITH ____ SX.

____ @ ____ WITH ____ SX

____ @ ____ WITH ____ SX

OTHER ____

SAMPLE TOPS	
FORMATION	DEPTH

ELECTRIC LOG TOPS		
FORMATION	DEPTH	
	OPERATOR	PAN AM

RECEIVED NOV 9 1979 DIVISION OF OIL, GAS, & MINING

DATE	REMARKS
11/1/79	WOCR, Pulled rotary table and magnaflux rotary beams. Found x repaired three minor cracks 10/29/79
11/2/79	MIRURT
11/3/79	MIRT , May spud by monday storm forecast will move in logging unit today
11/4/79	MIRURT
11/5/79	MIRURT , Hope to spud tues p.m. or Wed a.m. snowed 1-2"

Form 984 2-71

Amoco Production Company

SCOUT TICKET

API WELL NO.			
State	County	Unique	S/T

STATE UTAH COUNTY PARISH MORGAN AREA FIELD

SECTION 19 BLOCK TWP 6N SURVEY RANGE 6E

COMPANY AMOCO PRODUCTION CO

LEASE CHAMPLIN 432 Amoco "B" WELL NO. #1

AFE NO & TYPE WC-58.33%

LOCATION NE SW

RECEIVED DEC 11 1979 U.G.M.S.

WI	☐	RI	☐
OWWO	☐	AFE	☐
OFFSET WI	☐	OFFSET RI	☐
OTHER	☐		
WC	☐	IMP	☐

PROPERTY NO.

QTR

MAP NO.

FEET FROM LINE: N E S W

DATE SPUDDED 11/7/79 PROPOSED DEPTH ELEV

DATE COMPLETED TD

PFS IP

CH TP GOR GTY

PFS IP

CH TP GOR GTY

CASING ● WITH SX

● WITH SX

● WITH SX

OTHER

SAMPLE TOPS	
FORMATION	DEPTH

ELECTRIC LOG TOPS		
FORMATION	DEPTH	
	OPERATOR	PAN AM

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11/4/79	MIRURT
11/5/79	MIRURT , Hope to spud tues p.m. or Wed a.m. snowed 1-2"
11/6/79	RURT
11/7/79	RURT
11/8/79	Drilling 62' w/air. 1½ hr/ft. Dk gray, soft dolomitic shale, some lt gray siltstone. spud 11/7/79
11/9/79	Drilling 63' Thaynes,. K.B 12' Spud 12"30 hrs. BHA: bit, bit sub, float sub, X over, 5-5/8" DC, drl cmt @ 23' inside of conductor pipe. Only made 12' of hole in formation

Form 984 2-71

Champlin 432 Amoco "B" #1

DATE	REMARKS
11/10/79	PD 166' Ø made 47', drilled w/air. BGG-0, lith. lm, dk gry, micro-Xln, dense. Some lt-mod gry, silty, sdy lmy (thaynes on surface)
11/11/79	PD 207' drilling, made 41'. BGG-0.Lith lm, medy, Micro Xln, dense, w/some sh, red - brn, grn. Dev @ 175-3/4 deg SD yesterday, recmt cellar. Only run 10-12K
11/12/79	PD 270', WO Howco. made 63' prtp recmt conductor pipe (washed out). Lith lm med gry, Micro =Xlm, dense. @ 240' hit sh, Dk red-brn, plty, med soft & sh, red-orange, comme lt gry silty sh to silt. Probable Woodside @ 240'. Still sin't know if will mud
11/13/79	PD 270', made 0', pmp in 250 sx dn hole, pmp 500 sx. Went dn hole, will try poz mix.
11/14/79	TD 270', rig to squeeze, Woodside. WOC. trip w/W.L. @ 12:00 p.m. tag cmt 60 ft. WOC. WO Halco 8 hrs,rig up pmp . 5 bbls H2O, 250 sx G. CaCl 1/4#/sx. floseal. Down conductor 2 BPM. 250# to 400# psi. 15.8 #/gal. displ w/7 bbls H2O. No cmt in hole. WOC 3 hrs. Mix 4 pmp 250 sx of same slurry. 4 stages w/10 min between stages. Plug down @ 2400 hrs. WOC 5 hrs. Tag @ 247 ft. W.L.M. displace w/7 bbls H2O
11/15/79	TD 270 repair blooie line (Woodside. MW 8.3 Vis 30 Finish mixing 125 bbl LCM pill X pmp down conductor. follow w/4 stages of 50/50 calseal 50 sx each. wait 30 min. between stages. Finish 4th stage WOC 30 min. tag cmt w/W.L. @23 ft. wait another 30 min. tag @ 18 ft. KB nipple up rotating head. Broke 2 ft of blooie line. WO welder X weld blooie line calseal-15.1 PPG. 20 min PMPG time
11/16/79	TD 360, PBTD 18, drl, progress 90, Thaynes, MW 8.3, vis 45, WL 18, survey: 300, .7 deg, finish Blooie line. go in hole. drl cmt wash reamer to btm. drl. survey. drl. drl break 278-298 ft. 20 ft shale sluff in-could not make conn. trip out. nipple for fluid. drl. T.I. drl w/no returns from 325 to 360-35 ft.
11/17/79	TD 428, PBTD 18, drl, progress 68, Woodside, survey: 418, .7 deg, drl no returns. T.O. max system mud. T.I. drl. survey. T.O. for new bit. pick up shock sub. T.I. pull out of hole to std back 2 std DC. incr pmp to 40 strokes GPM. Woodside top @270 ft. BHA:bit-shock sub-bit sub-4 8 inches DC-X over-6 6 inches DC.
11/18/79	TD 428, PBTD 18, WOC, Woodside, WO Halliburton. T.I. co to 360 ft. T.I. w/bit. go back in open ended. rig up Halliburton. set 50 sx. plug #2 seal @330. fill up 300-30 ft. WOC set 50 sx. plug #2 same. 300 fill up. 292 WOC. set 50 sx plug #3. 292 no fill set #4 50 sx plug 292. fill up 290 2 ft set plug 290 fill up 287 3 ft. set 50 sx plug 287-264 13 ft. try to fill hole. plugs 2-4-6 no returns.
11/19/79	TD 428, PBTD 18, T.I., Woodside, MW 8.4, vis 40, T.I. drop ball. cmt w/50 sx 50/50 calseal. WOC 264-235 29 ft fill up. cmt 50 sx 235-200 35 ft fill. cmt 200 ft. cmt 170 fill to 120. 50 ft fill. cmt @ 120 fill to 46 ft. 74 ft. WOC 3-1/2. drl out. drl to 300 ft last returns. T.O. clean pits. mix gel x LCM .13%. spot 50 bbl pill on btm hole fill up. circ 4 min/bbl. lost returns.
11/20/79	TD 436, PBTD 18, progress 8, Woodside, MW 8.4, vis 31, spotted LCM pill saw dust x mud 13 #/GEL on btm. Partial rot for 5 min. Pulled 3 stds shot 50 bbl LCM pill no returns T.O. load hole w/100 sx sawdust 25 sx fiber. 125 empty sx 3 burlap sx. pushed down hole to 285 ft. cmt w/50 sx mixed 50% G 50% calseal. 12 Gilsonite 1/4#/sx. Flocele 14.8 #/GEL T.O. vented 2 hrs. T.I. no fill cmt w/repiat program. T.I. drilled 4 ft. lost returns. T.I. spotted LCM.
1121/79	TD 555, PBTD 18, drl, progress 119, Woodside, MW 7.9, vis 30, weekly well cost 103000. Finish T.O. go in hole. open ended. cmt 50 sx. T.O. WOC. cond mud. rig service. T.I. mix LCM. clean out pump. drl.
11/22/79	TD 628, PBTD 18, weld flw lines, progress 73, Woodside, MW 8.7, vis 36, survey: 584, 1.5 deg, drl. T.O. install blow down line valve. tie blooie

Amoco Production Company

SCOUT TICKET (Supplement)

SHEET ____ OF ____ SHEETS

STATE UTAH COUNTY PARISH MORGAN AREA FIELD

SECTION 19 BLOCK TWP 6N SURVEY RANGE 6E

COMPANY AMOCO PRODUCTION COMPANY

LEASE CHAMPLIN 432 AMOCO "B" WELL NO. #1

DATE	REMARKS
cont. 11/22	line into flow line. butterfly valve in between. T.I. rig service. drl. pull 4 stds to put butterfly valve in flow line.
11/23/79	TD 695. PBTD 18. drl. progress 67. Thaynes. MW 9. vis 37. survey: 673. 2.5 deg. weld valve in flowline. 1-1/2 hrs. T.I. x drl. survey x T.O. @673 ft. T.I. x bit #8. Mud carrying some foam. will need to rent solids control equipment.
11/24/79	TD 740. PBTD 18. drl. progress 45. Thaynes. MW 8.7. vis 33. dump x clean pits. H2S alarm 1700 hrs no gas. no H2S. BHA:bit-SS-2 9 inch DC-x over-2 7 inch DC-x over-5 5-1/2 inches DC-x over-B-S-x over. total 296.75.
11/25/79	TD 776. PBTD 18. trip x chg BHA. progress 36. Thaynes. MW 8.8. vis 39. WL 20. survey: 771. 3.5 deg. drl to 776ft x survey-3-1/2 deg. building 1 deg/100 ft for last 300 ft. trip for IBS x pendulum assy. T.I. hole. had to start reaming @225 ft. ream down. 200 ft. tite in places T.O. check bit x IBS. both in gauge. put shock sub above IBS. L.D. bumper sub no movement. T.I. x new bit x smaller jets.
11/26/79	TD 795. PBTD 18. drl. progress 19. Thaynes. MW 7.9. vis 36. WL 26. mix mud x LCM. 3-1/4 hrs. chg BHA 1 hrs. T.I. x 60 ft pendulum ream from 330-370. slow reaming. fell thru T.I. to 625 ft. ream to btm. drl to 791 ft. lost full returns. drl 5 MPF. T.O. mix LCM pill. pmp 75 bbls x regained circ. T.I. x drl. BHA:bit-BS-2 9 inches DC-IBS-shock sub-2 7 inches DC- x over-5 5-1/2 inches DC-x over. total 304.63 ft.
11/27/79	TD 868. PBTD 18. drlg. progress 73. Thaynes. MW 8.5. vis 38. WL 26. very little mud lost due to seepose. fuel 8000 gal.
11/28/79	TD 954. PBTD 18. drlg. progress 86. Thaynes. MW 8.5. vis 34. WL 26. survey: 887. 2.7 deg. dumping x cleaning pits to keep weight dn.
11/29/79	TD 1006. PBTD 18. drlg. progress 52. Woodside. MW 7.8. vis 50. WL 30. survey: 958. 3 deg. top Woodside 960. drill 959. survey trip for bit. repair cithead repair swivel. will trip in x drill 100 ft in Woodside 4 run pipe.
11/30/79	TD 1052'. Trip in hole. progress 46. Woodside. MW 8.6. Vis 31. WL 32. Drill to 1052 ft. Short trip to run csg. Orders changed. Trip in w/bit #11. W ill drill to Dinwoody. Well is now flowing 8-10 GPM wtr @ surface Had 15 unit show at 1022 ft. 2-3 units GBB before. No significant drlg break or sample change On to broke all connections on DCS & redupe.
12/1/79	1152', drilling progress 100, woodside, Finish trying in drilling to 1152. Fuel on hand 8500 gal.
12/2/79	1255', drilling, progress 100, Woodside. MW 8.8, Vis 38, pH 8. Survey 1167', 3.5 deg
12/3/79	1360', ∅, progress 105', Woodside MW 9, Vis 37, Ph 8. survey 1259. 3.5 deg 1353, 4 deg. Pmp gauge bad. 7500 gal diesel
12/4/79	1482', rebaor cjaor. progress 122', Woodside. MW 9. Vis 40. WL 32. survey 1437, 4.7 deg Drilled ahead, repairing high chain.
12/5/79	1584', drilling, progress 102' Woodside. MW 9.1, Vis 49, pH 7.5, survey 1571. 5.2 deg. Weekly cost 93085. Pmp gauge still bad repair hi drow work chain. Drilling ahead 1584. 4500 gal fuel

DATE	REMARKS
	Hrs 135.2, bit 11, 12.250, F2, jets 13/14/14, depth ou 1700, , FT 651 HRS 135 FT/HR. Fuel 1200 Gal. Drill to 1700 Ft. Short trip to dcs. Ti circ x to for CSG LD 9 inx 6in DCS. Ran 44 Jts 9 5/8 in 32.3# 11-40 CSG landed@ 1686 ft. RKB. Acted like on BTM. CSG x C½ tallys not agreeabel. RU howco. Circ hole clean. Pump 15BW. Mix x pump 800SX 50/50 pos W/2% gel x 2% cacl x 1/4#/SX. Flocele @ 14.1 PPG. Tail in W/ 500SX class G W/ 2% cacl x 1/4#/SX. Flocele @ 15.8PPG. Total 282BBls Slurry. full to partial returns unitl displacement. CMT to surf after 250BBLS pumped. Lost full returns after displ. 35BW. Displace W/ 133BW. Bumped plug @ 1000HRS. 12069. Floats held. CMT lebel @ 90 FT from fig floor. Woc x wo 11n TBG X CMT for top job.
12/6/79	5100 Gal. Fuel.
12/8/79	TD 1700 PBTD 18, NU BOP Woodside, WOC X WO tbg X cmt. PU 3 jts tbg X tag up @ 57 ft, cmt back to surface w/50 sx. CL G w/3% CaCL woc 4 hrs. Cut off X weld on 9 5/8 inch csg head. NU
12/9/79	TD 1700. PBTD 18, WO BOP X PU DCS, Progress 0 Woodside Fuel 10740 gal. work on X NU BOPS X manifold. Test csg X blind rams to 3000#. OK. Started tsting pipe rams. Got up to 2000#. Had jt of DP all the way in the hole. Moved up hole X tool jt tore up pipe rams. Replacement BOP on the way. Magnafluxed DCS. PU stands of DCs while WO BOP
12/10	TD 1700, PBTD 18 WO pipe rams PU DCs 1 hr. WO BOP stack 4 1/4 hrs. NU 4 1/4 hr. Tst blind rams 1 1/2 hrs WO pipe rams 11 3/4 hrs. received BOPS from acme no pipe rams. Ordered out pipe rams. Driver got lost X went back to Rock Springs. Called @ 0800 hrs. To get rams on the road called back @ 1100 hrs. Still not headed our way
12/11/79	1997' made 218 BGG 1-2 units Ø w/air Dev. @ 1794 6 + 0 Dev @ 1921 8 1/4 Lith 1800-10 red sh 1810-30 no spls 1830-40 lt gry hard siliceous dolomite drlg. in dol. lt gry microxtalline hard. silic. w/shale hard dolomitic Top Dinwoody 1820
12/12/79	2165 Ø made 186' BGG 1 unit Ø w/air & mist. Dev 1993-8 1/4 WOB 10000# 2140-65 Ø 7 mih/ft. -over 10-15 m/f. 2080 Dol. med-dk gry micro xalline dense hard occ chert. 2100-30 Dol. lt gry -brn microxalline dense v hard siliceous dark gry chert. 2130-60 Dol. wht to lt gry black speckled microztalline hard dense w/ 1-2 pcs w/pin point prosity. NO FLUOR OR CUT.
12/13/79	2210' TIH made 45' BGG 1-2 u Mud 8.9 -40 2160-2210 Dol-gry. tan, micro= xtall, hard w/vuggy Ø from 2170-2210- 2171-2210 Ø 2-4m/f over 8-10 before. had No fluor or cut. BGG up 1 un. No icn in flare at Blue line. 20 pts/mil @ Blue line H_2S (air dtl data.) 4 stage discharge press 280# @ 6 .am. 300# 8 a.m. 320# 10 a.m. 450# 12 a.m.)press indicate water) Ø Bk @ 8:55-11:30 a.m. 2171-2210. Mudded up at 2211- CC 1,057,663.
12/14/79	2211, PBTD 18, circ, progress 6, phosphoria. MW 8.9, Vis 40, WL 15.6. Drill to 2211', HD H2S to surface @ 20 ppm. Clear soap out of hole w/wtr & air. Load hole w/mud & ironite sponge & 8#/bbl trip out. NU mud flowline rebuild mud vol w/15# bbl. sponge, trip in hole. Thaw out pmp lines & boiler lines. WXR 40' to btm. Circ btms up now. Mix mud 6-1/4. WXR 30' 1/2 hr. Unthaw lines 3/4 hr
12/15/79	2277, PBTD 18, Drilling , progress 66, Phosphoria. MW 8.9, Vis 60, WL 22. survey of 2273. Fuel 11000 gal. Ironite sponge 15 ppb in & out. No shows trace of BGG
12/16/79	2328', Drilling, progress 51, Phosphoria. MW 8.7, Vis 41, WL 12.8. survey 6 deg @ 2303-2322. Fuel 10500 gal. Drill to 2303' survey showed 12 deg on 12 deg chart 15000# WOB. Dropped wt back to 10000#. survey again @ 2322' 6 deg. Discovered that survey @ 2303' was taken w/6 deg instrument & 12 deg

Amoco Production Company

SCOUT TICKET (Supplement)

SHEET ____ OF ____ SHEETS

STATE UTAH COUNTY PARISH MORGEN AREA FIELD

SECTION 19 BLOCK TWP 6N SURVEY RANGE 6E

COMPANY Amoco Production Co.

LEASE Champlin 432 "B" WELL NO. #1

DATE	REMARKS
con't 16th	chart: Drilling hard Dolomite, BHA bit, BJ 2-6" DC, IBS 10-6" DC jars 3-6" DC X-0 454.50'.
12/17/79	2394', drilling, progress 66. Phosphoria. MW 8.7, Vis 44, WL 10.8. Fuel 9785 gal, BHA same st wt 80000.
12/18/79	2453', drilling, progress 59. Phorsphoria. MW 8.9, Vis 41, WL 22. Bit torquing up to TO change mill 78' to btm. Drilling. Fuel on hand 8900 gal.
12/19/79	2569', drilling, progress 116, Phospjoria MW 8.9, Vis 49, WL 9.2. survey 5 deg @ 2521, Fuel 8500 gal.
12/2/0/79	N/R
12/21/79	TS 2809; PBTD 18 Dtlg, progress 99'. PHOS, Days: Spud 44. Drlg repair fill up line. BHA bit BS 2DC IBS 10-DC Jars 3DC DCS are 5 1/2 in called 61n.
12/22/79	TD 2908, PBTD 18, Drlg, progress 99 m PHOS, Days: Spud 45, MW 8.9, Vis 51, WL 8.6 Ph 9.5. Drlg. Serv Rig. Survey. Drlg. BGG 1 unit.
12/23/79	TD 2950, PBTD 18 Drlg, progress 24, Weber, Days : Spud 46, MW 8.7, Vis 44, WL 9.6, Ph 10.5. Dtlg. Tip. PU 6-7 in dcs wx r 60 ft to btm. Drlg. Serv rig. BHA: bit bit sub 6-7 in dcs xo 12-5 1/2 dcs jars 3-5 1/2 dcs xo 640 BGG 1-2 units. 10 units trip.
12/24/79	TD 3102, PBTD 18, Dtlg progress 152, Weber, Dyas Spud 47. Drlg. Rig serv. Drlg. BGG less than 1 unit
12/25/79	TD 3233, PBTD 18, Drlg progress 131. Miss Days: Spud 48. Drlg. Serv rig. Drlg. BGG less tham 1 unit.
12/26/79	TD 3288, PBTD 18, Drlg, progress 55, Miss Days: Spud 49, MW 9, Vis 51 WL 9.2, Ph 9.5. Drlg. Surv. TO for bit. PU stab 60ft off btm. GIH thight spot from 2482ft to 2512 ft wash x ream thru. GIH wahs 60ft TI btm x drlg @ 3288ft. BGG less than 1 unit. Trip gas 1 to 2 units.
12/27/79	TD 3360, PBTD 18, Drlg progress 72, Days: Spud 50. MW 9, Vis 44, WL 11.2 Ph 9.5. TO tight. 248202512. Change bit x TI dk. drld to 3351 x survey drl to 3335. BGG 1 unit. TG 1 unit.
12/28/79	TD 3442, PBRD 18, drlg, progress 82, Days Spud 51 Weber. MW 9, vis 18, WL10, Ph 12. 1-2 units BGG. Fuel 8000/gal.
12/29/79	TD 3553, PBTD 18, drlg progress, 111 Madison. MW 8.7, Vis 45, WL 8.8, Ph 9.5. Drlg. Survey. Drlg to 3553. BGG 102 units.
12/30/79	TD 3597, PBTD 18, Drlg, progress44, wash to btm. MW 8,7, Vis 38, WL 9.2 Ph 9.5. rlg 2557 drop survey to run DC cut drlg tank. Rep high chain x chain guard. GIH wash 60ft. to btm at 12000 hrs. BGG 102 units.
12/31/79	TD 3711, PBTD 18, Drlg, progress 114, Madison. MW 8.7, Vis 54, WL 10, Ph 10. Drlg, Survey. drlg to 3553. BGG 1-2 unts.
1/1/80	TD 3820', drlg, progress 109, Madison. MW 8.8, Vis 50 WL 8.4. Drlg service, rig & drlg to 3820'. BGG 2-3 units.
1/2/80	TD 3928', drlg, progress 108, Madison. MW 8.8, Vis 48, WL 8.6. survey 1.7 deg @ 3847. Drlg serv rig drlg survey & drlg to 3928' @ noon. BGG 1-2 units.
1/3/80	TD 4059', Trip out, progress 131 Madison: MW 8.7, Vis 40, WL 10.4, survey 3.2 deg @ 4059. Drlg ser rig, drlg. Survey @ 4059 3-½ deg. Pulled out of hole w/bit #17 @ noon, 20 stds out. BGG 2-3 units.
1/4/80	NR

Champlin 432 "B" #1

DATE	REMARKS
1/5/80	4368', PBTD 18, drilling. Progress 309' Madison. MW 9, Vis 51, WL 7.2, pH 12. 3.5 deg @ 4165, 3.7 deg @ 4257. Drilling, service rig. Circ samples & T.O. survey @ 4164' no show, drilling , survey 4257', serv rig, drlg to 4268' @ noon. 4-6 units BGG. No shows. Drlg break 415 st.
1/6/80	4415', drilling. Progress 147' Madison. MW 9, Vis 45, WL 6.4, pH 15, survey 4 deg @ 4352. Drilling, rig service, drlg, survey, drlg. Lost 60 bbls mud @ 4405, mix 10 sx LCM pill & gain full returns . 5-6 units BGG.
1/7/80	4504', Drilling, progress 89' Madison . MW 8.8, Vis 43, WL 6.8, pH 12. survey 3.7 deg @ 4443. Drl to 4443'. Trip, pick up Teledrift & wash 60' to btm. Service rig. 3-5 units BGG. Needs to relevel rig.
1/8/80	4635', Drilling, progress 131' Madison. MW 8.9, Vis 42, WL 8.4, pH 9.5. survey 4 deg @ 4543. Drilling, dervice rig, survey w/teledrift & drl to 4635' 4 units BGG. Fuel 5000 gal.
1/9/80	4778', drilling, progress 143' Madison. MW 9, Vis 45, WL 10.4, pH 11.5, survey 4 deg @ 4699. Weekly cost $99050. Drilling, service rig, drlg. Level Derr & reset rat hole. Survey misrun. Survey wire line @ 4694 & drlg to 4778. 3-5 units BGG, 3500 gal fuel on hand. String wt 140000.
1/10/80	4881', TI, progress 103' Madison. MW 8.9, Vis 47, WL 8.8, pH 10.5, survey 4 deg @ 4794. 3-5 units BGG. String wt 138M, fuel 10300 gal
1/11/80	4982', Circ, WO mechanic. Progress 101' Madison. MW 9, Vis 44, WL 9, pH 10.5, survey 5 deg @ 4881. Retrieve Totco. Chg bit repair valve on hi clutch saw. Rig trip in. Wash 60 ft to btm. Drilling to 4982' . 1st engine went dn 6:00 a.m., 2nd engine went dn @ 10:00 p.m. 3-5 units BGG, fuel 9300 gal.
~~1/12/80~~	~~TD 5120, PBTD 18, WO mechanic Madison MW 9 Vis 50 WL 9.5~~ ~~#2 Eng dn 30 hrs. #1 dn 14 hrs, BGG 3-5 units, Fuel 7000.~~ ~~Mechanic now 7 miles from rig on way to rig~~
~~1/13/80~~	~~TD 5120 PBTD 18 MW 8.9 Vis 49 WL 8~~ ~~WO mech rig eng, start drlg. 6 PM. Survey X drlg, to 5102, BGG 4 units~~ ~~Fuel on hand 6000 gal.~~
~~1/14/80~~	~~TD 5255, Drlg. Madison MW 9.8 Vis 59 WL 8~~ ~~Fuel 12000, BHA same, BGG 3-5 units~~
~~1/15/80~~	~~TD 5404 PBTD 18 Madison MW 8.9 Vis 51~~ ~~Fuel 11000 gal. 2 units BGG.~~
1/16/80	5447', PBTD 18, tst BOP, progress 43' Madison . MW 8.9, Vis 38, WL 8.8, pH 9.5. Survey 3.5 deg @ 5447. Weekly cost$104,500. Test BOP 2 hrs, circ 2 hrs, LD DCS 2 hrs, log csg 2 hrs, drilled to 5447, circ 2 hrs. LD 15 8-1/2" DCS & jars. RU & run McCullough Caliper log OK. RU & tst BOPs
1/17/80	TD 5447', PBTD 18. Missing mud, Madison. MW 8.5, Vis 28, WL 12.8, pH 8. Test BOPs to 3000 psi OK. WO & PU 18 jts wt pipe. TIH, broke pin,hook fell on man hurt back not too badly. Repair finish TIH. Bit plugged, POH wet mixing mud volume not sufficient to fill hole. Gelled threads on teledraft. BHA bit, bit sub 2 7" DC, IBS shock sub, 4 7"DC jars X-over 18 jts, X-over 237.15. WO wt pipe, 785.76 WO wt pipe. Fuel 9000 gal.
1/18/80	TD 5476', PBTD 18, drilling. Progress 29' Madison. MW 9, Vis 59, WL 9.6, pH 10. Lost 200 mud of surface. Checking out how. Pumped string free. Finished connection & circ free dn but no up. Worked & came free. 0500.
1/19/80	TD 5594, PBTD 18 Madison MW 9.2 Vis 60 WL 8 Drld to 5500. Make 10 stds short trip. No problems. Drld to 5594. Fuel 7000 BGG 5-7 units. no shows
1/20/80	TD 5660 PBTD 18 thaw out kelly Madison MW 9 Vis 46 WL 8 PH 8.5 Drlg. service rig. Drlg. to 5660. Check pmp lost 200 psi. PU X lost 25 M lb. TO left bit sub 2-7 in DCS ibs shock sub 4-7in DCs 6 ft of jars in hole 140.57 PU 8 1/8 overshot X 6 5/8 grapple X TI PU Kelly to circ X kelly froze up.
1/21/80	TD 5660 TI X overshot Madison MW 8.9 Vis 44 WL 8 Finish thawing out kelly X stand pipe. Latch on to fish X pull X 10M drag. Pull 50 stds X lost fish. To didnt have a good bite on fish. Redress overshot X 6 3/4 grapple. PU dailey jars. X 3-5 1/2 DCS. Start into hole

Amoco Production Company

SCOUT TICKET (Supplement)

SHEET ___ OF ___ SHEETS

STATE UTAH COUNTY/PARISH MORGAN AREA/FIELD

SECTION 19 BLOCK/TWP. 6N SURVEY/RANGE 6E

COMPANY AMOCO PRODUCTION CO.

LEASE CHAMPLIN 432 "B" WELL NO. 1

DATE	REMARKS
1/22/80	TD 5660, TOafter back off
	MW 8.9 Vis 47 WL 8
	PU 3-5 1/2 DCS X 15 jts DP. TI X work over fish. Move fish 4-5 ft
	up hole X stuck unable to work jars. Work pipe RU dialog X freept
	stuck @ 5531 X free @ 5483. Top fish @ 5413. BAck off @ 5419. Top
	of 7in Dcs. Fishing string. XO 3-5 1/2 DCS XO dailey jars. Xo 8 1/8
	overshot X 6 3/4 grapples.
1/23/80	TD 5660 TO w/fish Madison MW 8.9 Vis 50 WL 7.2
	Weekly well costs 117290. Dia log short btm of OKd jars on fish got back
	off. TO LD old jars. PU overshot bumper sub. jars w/9-5 1/2 in dcs go
	in hole. Break circ. screw into fish. jars dn found 5 ft of free hole.
	Back drld X jarred fish free TO w/fish.
1/24/80	5660' milling on cones
1/25/80	5660', Drilling on cones, Madison. MW 8.9, Vis 47, WL 8, pH 10.5. Finish
	washing & reaming to btm. Circ & cond mud in hole. No sand loss. T.O. for
	concave junk mill & tender junk baskets. TI & mill on cones

Form 998 2-71

Champlin 432 "B" #1

DATE	REMARKS
1/5/80	4368', PBTD 18, drilling. Progress 309' Madison. MW 9, Vis 51, WL 7.2, pH 12. 3.5 deg @ 4165, 3.7 deg @ 4257. Drilling, service rig. Circ samples & T.O. survey @ 4164' no show, drilling , survey 4257', serv rig, drlg to 4268' @ noon. 4-6 units BGG. No shows. Drlg break 415 st.
1/6/80	4415', drilling. Progress 147' Madison. MW 9, Vis 45, WL 6.4, pH 15, survey 4 deg @ 4352. Drilling, rig service, drlg, survey, drlg. Lost 60 bbls mud @ 4405, mix 10 sx LCM pill & gain full returns . 5-6 units BGG.
1/7/80	4504', Drilling, progress 89' Madison . MW 8.8, Vis 43, WL 6.8, pH 12. survey 3.7 deg @ 4443. Drl to 4443'. Trip, pick up Teledrift & wash 60' to btm. Service rig. 3-5 units BGG. Needs to relevel rig.
1/8/80	4635', Drilling, progress 131' Madison. MW 8.9, Vis 42, WL 8.4, pH 9.5. survey 4 deg @ 4543. Drilling, dervice rig, survey w/teledrift & drl to 4635' 4 units BGG. Fuel 5000 gal.
1/9/80	4778', drilling, progress 143' Madison. MW 9, Vis 45, WL 10.4, pH 11.5, survey 4 deg @ 4699. Weekly cost $99050. Drilling, service rig, drlg. Level Derr & reset rat hole. Survey misrun. Survey wire line @ 4694 & drlg to 4778. 3-5 units BGG, 3500 gal fuel on hand. String wt 140000.
1/10/80	4881', TI, progress 103' Madison. MW 8.9, Vis 47, WL 8.8, pH 10.5, survey 4 deg @ 4794. 3-5 units BGG. String wt 138M, fuel 10300 gal
1/11/80	4982', Circ, WO mechanic. Progress 101' Madison. MW 9, Vis 44, WL 9, pH 10.5, survey 5 deg @ 4881. Retrieve Totco. Chg bit repair valve on hi clutch saw. Rig trip in. Wash 60 ft to btm. Drilling to 4982' . 1st engine went dn 6:00 a.m., 2nd engine went dn @ 10:00 p.m. 3-5 units BGG, fuel 9300 gal.
~~1/12/80~~	~~TD 5120, PBTD 18, WO mechanic Madison MW 9 Vis 50 WL 9.5~~ ~~#2 Eng dn 30 hrs, #1 dn 14 hrs, BGG 3-5 units, Fuel 7000,~~ ~~Mechanic now 7 miles from rig on way to rig~~
~~1/13/80~~	~~TD 5120 PBTD 18 MW 8.9 Vis 49 WL 8~~ ~~WO mech rig eng, start drlg, 6 PM, Survey X drlg, to 5102, BGG 4 units~~ ~~Fuel on hand 6000 gal.~~
~~1/14/80~~	~~TD 5255, Drlg. Madison MW 9.8 Vis 59 WL 8~~ ~~Fuel 12000, BHA same, BGG 3-5 units~~
~~1/15/80~~	~~TD 5404 PBTD 18 Madison MW 8.9 Vis 51~~ ~~Fuel 11000 gal. 2 units BGG.~~
1/16/80	5447', PBTD 18, tst BOP, progress 43' Madison . MW 8.9, Vis 38, WL 8.8, pH 9.5. Survey 3.5 deg @ 5447. Weekly cost$104,500. Test BOP 2 hrs, circ 2 hrs, LD DCS 2 hrs, log csg 2 hrs, drilled to 5447, circ 2 hrs. LD 15 8-1/2" DCS & jars. RU & run McCullough Caliper log OK. RU & tst BOPs
1/17/80	TD 5447', PBTD 18. Missing mud, Madison. MW 8.5, Vis 28, WL 12.8, pH 8. Test BOPs to 3000 psi OK. WO & PU 18 jts wt pipe. TIH, broke pin,hook fell on man hurt back not too badly. Repair finish TIH. Bit plugged, POH wet mixing mud volume not sufficient to fill hole. Gelled threads on teledraft. BHA bit, bit sub 2 7" DC, IBS shock sub, 4 7"DC jars X-over 18 jts, X-over 237.15. WO wt pipe, 785.76 WO wt pipe. Fuel 9000 gal.
1/18/80	TD 5476', PBTD 18, drilling. Progress 29' Madison. MW 9, Vis 59, WL 9.6, pH 10. Lost 200 mud of surface. Checking out how. Pumped string free. Finished connection & circ free dn but no up. Worked & came free, 0500.

Champlin 432 "B" #1

?432

DATE	REMARKS
1/5/80	4368', PBTD 18, drilling. Progress 309' Madison. MW 9, Vis 51, WL 7.2, pH 12. 3.5 deg @ 4165, 3.7 deg @ 4257. Drilling, service rig. Circ samples & T.O. survey @ 4164' no show, drilling , survey 4257', serv rig, drlg to 4268' @ noon. 4-6 units BGG. No shows. Drlg break 415 st.
1/6/80	4415', drilling. Progress 147' Madison. MW 9, Vis 45, WL 6.4, pH 15, survey 4 deg @ 4352. Drilling, rig service, drlg, survey, drlg. Lost 60 bbls mud @ 4405, mix 10 sx LCM pill & gain full returns . 5-6 units BGG.
1/7/80	4504', Drilling, progress 89' Madison . MW 8.8, Vis 43, WL 6.8, pH 12. survey 3.7 deg @ 4443. Drl to 4443'. Trip, pick up Teledrift & wash 60' to btm. Service rig. 3-5 units BGG. Needs to relevel rig.
1/8/80	4635', Drilling, progress 131' Madison. MW 8.9, Vis 42, WL 8.4, pH 9.5. survey 4 deg @ 4543. Drilling, dervice rig, survey w/teledrift & drl to 4635' 4 units BGG. Fuel 5000 gal.
1/9/80	4778', drilling, progress 143' Madison. MW 9, Vis 45, WL 10.4, pH 11.5, survey 4 deg @ 4699. Weekly cost $99050. Drilling, service rig, drlg. Level Derr & reset rat hole. Survey misrun. Survey wire line @ 4694 & drlg to 4778. 3-5 units BGG, 3500 gal fuel on hand. String wt 140000.
1/10/80	4881', TI, progress 103' Madison. MW 8.9, Vis 47, WL 8.8, pH 10.5, survey 4 deg @ 4794. 3-5 units BGG. String wt 138M, fuel 10300 gal
1/11/80	4982', Circ, WO mechanic. Progress 101' Madison. MW 9, Vis 44, WL 9, pH 10.5, survey 5 deg @ 4881. Retrieve Totco. Chg bit repair valve on hi clutch saw. Rig trip in. Wash 60 ft to btm. Drilling to 4982' . 1st engine went dn 6:00 a.m., 2nd engine went dn @ 10:00 p.m. 3-5 units BGG, fuel 9300 gal.

Amoco Production Company

SCOUT TICKET (Supplement)

SHEET ____ OF ____ SHEETS

STATE UTAH COUNTY PARISH MORGEN AREA FIELD

SECTION 19 BLOCK TWP 6N SURVEY RANGE 6E

COMPANY Amoco Production Co.

LEASE Champlin 432 "B" WELL NO. #1

DATE	REMARKS
con't 16th	chart. Drilling hard Dolomite, BHA bit, BJ 2-6" DC, IBS 10-6" DC jars 3-6" DC X-0 454.50'.
12/17/79	2394', drilling, progress 66. Phosphoria. MW 8.7, Vis 44, WL 10.8. Fuel 9785 gal. BHA same st wt 80000.
12/18/79	2453', drilling, progress 59. Phorsphoria. MW 8.9, Vis 41, WL 22. Bit torquing up to TO change mill 78' to btm. Drilling. Fuel on hand 8900 gal.
12/19/79	2569', drilling, progress 116. Phospjoria MW 8.9, Vis 49, WL 9.2. survey 5 deg @ 2521. Fuel 8500 gal.
12/2/0/79	N/R
12/21/79	TS 2809; PBTD 18 Dtlg, progress 99'. PHOS, Days: Spud 44. Drlg repair fill up line. BHA bit BS 2DC IBS 10-DC Jars 3DC DCS are 5 1/2 in called 6in.
12/22/79	TD 2908, PBTD 18, Drlg, progress 99 m PHOS, Days: Spud 45. MW 8.9, Vis 51, WL 8.6 Ph 9.5. Drlg. Serv Rig. Survey. Drlg. BGG 1 unit.
12/23/79	TD 2950, PBTD 18 Drlg, progress 24, Weber, Days : Spud 46. MW 8.7, Vis 44, WL 9.6, Ph 10.5. Dtlg. Tip. PU 6-7 in dcs wx r 60 ft to btm. Drlg. Serv rig. BHA: bit bit sub 6-7 in dcs xo 12-5 1/2 dcs jars 3-5 1/2 dcs xo 640 BGG 1-2 units. 10 units trip.
12/24/79	TD 3102, PBTD 18, Dtlg progress 152, Weber, Dyas Spud 47. Drlg. Rig serv. Drlg. BGG less than 1 unit
12/25/79	TD 3233, PBTD 18, Drlg progress 131. Miss Days: Spud 48. Drlg. Serv rig. Drlg. BGG less tham 1 unit.
12/26/79	TD 3288, PBTD 18, Drlg, progress 55, Miss Days: Spud 49, MW 9, Vis 51 WL 9.2, Ph 9.5. Drlg. Surv. TO for bit. PU stab 60ft off btm. GIH thight spot from 2482ft to 2512 ft wash x ream thru. GIH wahs 60ft TI btm x drlg @ 3288ft, BGG less than 1 unit. Trip gas 1 to 2 units.
12/27/79	TD 3360, PBTD 18, Drlg progress 72, Days: Spud 50. MW 9, Vis 44, WL 11.2 Ph 9.5, TO tight. 248202512, Change bit x TI dk. drld to 3351 x survey drl to 3335. BGG 1 unit. TG 1 unit.
12/28/79	TD 3442, PBRD 18, drlg, progress 82, Days Spud 51 Weber. MW 9, vis 18, WL10, Ph 12. 1-2 units BGG. Fuel 8000/gal.
12/29/79	TD 3553, PBTD 18, drlg progress, 111 Madison. MW 8.7, Vis 45, WL 8.8, Ph 9.5. Drlg. Survey. Drlg to 3553. BGG 102 units.
12/30/79	TD 3597, PBTD 18, Drlg, progress44, wash to btm. MW 8,7, Vis 38, WL 9.2 Ph 9.5. rlg 2557 drop survey to run DC cut drlg tank. Rep high chain x chain guard. GIH wash 60ft. to btm at 12000 hrs. BGG 102 units.
12/31/79	TD 3711, PBTD 18, Drlg, progress 114, Madison. MW 8.7, Vis 54, WL 10, Ph 10. Drlg, Survey. drlg to 3553. BGG 1-2 unts.
1/1/80	TD 3820', drlg, progress 109, Madison. MW 8.8, Vis 50 WL 8.4. Drlg service, rig & drlg to 3820'. BGG 2-3 units.
1/2/80	TD 3928', drlg, progress 108, Madison. MW 8.8, Vis 48, WL 8.6. survey 1.7 deg @ 3847. Drlg serv rig drlg survey & drlg to 3928' @ noon. BGG 1-2 units.
1/3/80	TD 4059', Trip out, progress 131 Madison. MW 8.7, Vis 40, WL 10.4, survey 3.2 deg @ 4059. Drlg ser rig, drlg. Survey @ 4059 3-½ deg. Pulled out of hole w/bit #17 @ noon, 20 stds out. BGG 2-3 units.

Form 998 2-71

DATE	REMARKS
	Hrs 135.2, bit 11. 12.250, F2, jets 13/14/14, depth ou 1700, , FT 651 HRS 135 FT/HR. Fuel 1200 Gal. Drill to 1700 Ft. Short trip to dcs. Ti circ x to for CSG. LD 9 inx 6in DCS. Ran 44 Jts 9 5/8 in 32.3# 11-40 CSG landed@ 1686 ft. RKB. Acted like on BTM. CSG x C½ tallys not agreeabel. RU howco. Circ hole clean. Pump 15BW. Mix x pump 800SX 50/50 pos W/2% gel x 2% cacl x 1/4#/SX. Flocele @ 14.1 PPG. Tail in W/ 500SX class G W/ 2% cacl x 1/4#/SX. Flocele @ 15.8PPG. Total 282BBls Slurry. full to partial returns unitl displacement. CMT to surf after 250BBLS pumped. Lost full returns after displ. 35BW. Displace W/ 133BW. Bumped plug @ 1000HRS. 12069. Floats held. CMT lebel @ 90 FT from fig floor. Woc x wo 11n TBG X CMT for top job.
12/6/79	5100 Gal. Fuel.
12/8/79	TD 1700 PBTD 18, NU BOP Woodside, WOC X WO tbg X cmt. PU 3 jts tbg X tag up @ 57 ft. cmt back to surface w/50 sx. CL G w/3% CaCl woc 4 hrs. Cut off X weld on 9 5/8 inch csg head. NU
12/9/79	TD 1700. PBTD 18, WO BOP X PU DCS, Progress 0 Woodside Fuel 10740 gal. work on X NU BOPS X manifold. Test csg X blind rams to 3000#. OK. Started tsting pipe rams. Got up to 2000#. Had jt of DP all the way in the hole. Moved up hole X tool jt tore up pipe rams. Replacement BOP on the way. Magnafluxed DCS. PU stands of DCs while WO BOP
12/10	TD 1700. PBTD 18 WO pipe rams PU DCs 1 hr. WO BOP stack 4 1/4 hrs. NU 4 1/4 hr. Tst blind rams 1 1/2 hrs WO pipe rams 11 3/4 hrs. received BOPS from acme no pipe rams. Ordered out pipe rams. Driver got lost X went back to Rock Springs. Called @ 0800 hrs. To get rams on the road called back @ 1100 hrs. Still not headed our way
12/11/79	1997' made 218 BGG 1-2 units Ø w/air Dev. @ 1794 6 + 0 Dev @ 1921 8 1/4 Lith 1800-10 red sh 1810-30 no spls 1830-40 lt gry hard siliceous dolomite drlg. in dol. lt gry microxtalline hard. silic. w/shale hard dolomitic Top Dinwoody 1820
12/12/79	2165 Ø made 186' BGG 1 unit Ø w/air & mist. Dev 1993-8 1/4 WOB 10000# 2140-65 Ø 7 mih/ft. -over 10-15 m/f. 2080 Dol. med-dk gry micro xalline dense hard occ chert. 2100-30 Dol. lt gry -brn microxalline dense v hard siliceous dark gry chert. 2130-60 Dol. wht to lt gry black speckled microztalline hard dense w/ 1-2 pcs w/pin point prosity. NO FLUOR OR CUT.
12/13/79	2210' TIH made 45' BGG 1-2 u Mud 8.9 -40 2160-2210 Dol-gry. tan, micro= xtall, hard w/vuggy Ø from 2170-2210- 2171-2210 Ø 2-4m/f over 8-10 before. had No fluor or cut. BGG up 1 un. No icn in flare at Blue line. 20 pts/mil @ Blue line H_2S (air dtl data.) 4 stage discharge press 280# @ 6 .am. 300# 8 a.m. 320# 10 a.m. 450# 12 a.m.)press indicate water) Ø Bk @ 8:55-11:30 a.m. 2171-2210. Mudded up at 2211- CC 1,057,663.
12/14/79	2211, PBTD 18, circ, progress 6, phosphoria. MW 8.9, Vis 40, WL 15.6. Drill to 2211'. HD H2S to surface @ 20 ppm. Clear soap out of hole w/wtr & air. Load hole w/mud & ironite sponge & 8#/bbl trip out. NU mud flowline rebuild mud vol w/15# bbl. sponge, trip in hole. Thaw out pmp lines & boiler lines. WXR 40' to btm. Circ btms up now. Mix mud 6-1/4. WXR 30' 1/2 hr. Unthaw lines 3/4 hr
12/15/79	2277, PBTD 18, Drilling , progress 66, Phosphoria. MW 8.9, Vis 60, WL 22. survey of 2273. Fuel 11000 gal. Ironite sponge 15 ppb in & out. No shows trace of BGG
12/16/79	2328', Drilling, progress 51, Phosphoria. MW 8.7, Vis 41, WL 12.8. survey 6 deg @ 2303-2322. Fuel 10500 gal. Drill to 2303' survey showed 12 deg on 12 deg chart 15000# WOB. Dropped wt back to 10000#. survey again @ 2322' 6 deg. Discovered that survey @ 2303' was taken w/6 deg instrument & 12 deg

Champlin 32 Amoco "B" #1

DATE	REMARKS
11/10/79	PD 166' Ø made 47', drilled w/air. BGG-0. lith. lm, dk gry, micro-Xln, dense. Some lt-mod gry, silty, sdy lmy (thaynes on surface)
11/11/79	PD 207' drilling, made 41'. BGG-0.Lith lm, medy, Micro Xln, dense, w/some sh, red - brn, grn. Dev @ 175-3/4 deg SD yesterday, recmt cellar. Only run 10-12K
11/12/79	PD 270', WO Howco. made 63' prtp recmt conductor pipe (washed out). Lith lm med gry, Micro =Xlm, dense. @ 240' hit sh, Dk red-brn, plty, med soft & sh, red-orange, some lt gry silty sh to silt. Probable Woodside @ 240'. Still sin't know if will mud
11/13/79	PD 270', made 0', pmp in 250 sx dn hole, pmp 500 sx. Went dn hole, will try poz mix.
11/14/79	TD 270', rig to squeeze. Woodside. WOC. trip w/W.L. @ 12:00 p.m. tag cmt 60 ft. WOC. WO Halco 8 hrs.rig up pmp , 5 bbls H2O, 250 sx G, CaCl 1/4#/sx. floseal. Down conductor 2 BPM. 250# to 400# psi. 15.8 #/gal. displ w/7 bbls H2O. No cmt in hole. WOC 3 hrs. Mix 4 pmp 250 sx of same slurry. 4 stages w/10 min between stages. Plug down @ 2400 hrs. WOC 5 hrs. Tag @ 247 ft. W.L.M. displace w/7 bbls H2O
11/15/79	TD 270 repair blooie line (Woodside. MW 8.3 Vis 30 Finish mixing 125 bbl LCM pill X pmp down conductor. follow w/4 stages of 50/50 calseal 50 sx each. wait 30 min. between stages. Finish 4th stage WOC 30 min. tag cmt w/W.L. @23 ft. wait another 30 min. tag @ 18 ft. KB nipple up rotating head. Broke 2 ft of blooie line. WO welder X weld blooie line calseal-15.1 PPG. 20 min PMPG time
11/16/79	TD 360, PBTD 18, drl, progress 90, Thaynes, MW 8.3, vis 45, WL 18, survey: 300, .7 deg, finish Blooie line. go in hole. drl cmt wash reamer to btm. drl. survey. drl. drl break 278-298 ft. 20 ft shale sluff in-could not make conn. trip out. nipple for fluid. drl. T.I. drl w/no returns from 325 to 360-35 ft.
11/17/79	TD 428, PBTD 18, drl, progress 68, Woodside, survey: 418, .7 deg, drl no returns. T.O. max system mud. T.I. drl. survey. T.O. for new bit. pick up shock sub. T.I. pull out of hole to std back 2 std DC. incr pmp to 40 strokes GPM. Woodside top @270 ft. BHA:bit-shock sub-bit sub-4 8 inches DC-X over-6 6 inches DC.
11/18/79	TD 428, PBTD 18, WOC, Woodside, WO Halliburton. T.I. co to 360 ft. T.I. w/bit. go back in open ended. rig up Halliburton. set 50 sx. plug #2 seal @330. fill up 300-30 ft. WOC set 50 sx. plug #2 same. 300 fill up. 292 WOC. set 50 sx plug #3. 292 no fill set #4 50 sx plug 292. fill up 290 2 ft set plug 290 fill up 287 3 ft. set 50 sx plug 287-264 13 ft. try to fill hole. plugs 2-4-6 no returns.
11/19/79	TD 428, PBTD 18, T.I., Woodside, MW 8.4, vis 40, T.I. drop ball. cmt w/50 sx 50/50 calseal. WOC 264-235 29 ft fill up. cmt 50 sx 235-200 35 ft fill. cmt 200 ft. cmt 170 fill to 120. 50 ft fill. cmt @ 120 fill to 46 ft. 74 ft. WOC 3-1/2. drl out. drl to 300 ft last returns. T.O. clean pits. mix gel x LCM .13%. spot 50 bbl pill on btm hole fill up. circ 4 min/bbl. lost returns.
11/20/79	TD 436, PBTD 18, progress 8, Woodside, MW 8.4, vis 31, spotted LCM pill saw dust x mud 13 #/GEL on btm. Partial rot for 5 min. Pulled 3 stds shot 50 bbl LCM pill no returns T.O. load hole w/100 sx sawdust 25 sx fiber. 125 empty sx 3 burlap sx. pushed down hole to 285 ft. cmt w/50 sx mixed 50% G 50% calseal. 12 Gilsonite 1/4#/sx. Flocele 14.8 #/GEL T.O. vented 2 hrs. T.I. no fill cmt w/repiat program. T.I. drilled 4 ft. lost returns. T.I. spotted LCM.
1121/79	TD 555, PBTD 18, drl, progress 119, Woodside, MW 7.9, vis 30, weekly well cost 103000. Finish T.O. go in hole. open ended. cmt 50 sx. T.O. WOC. cond mud. rig service. T.I. mix LCM. clean out pump. drl.
11/22/79	TD 628, PBTD 18, weld flw lines, progress 73, Woodside, MW 8.7, vis 36, survey: 584, 1.5 deg, drl. T.O. install blow down line valve. tie blooie

Amoco Production Company

SCOUT TICKET (Supplement)

SHEET ____ OF ____ SHEETS

STATE UTAH COUNTY PARISH MORGAN AREA FIELD

SECTION 19 BLOCK TWP 6N SURVEY RANGE 6E

COMPANY AMOCO PRODUCTION COMPANY

LEASE CHAMPLIN 432 AMOCO "B" WELL NO. #1

DATE	REMARKS
cont. 11/22	line into flow line. butterfly valve in between. T.I. rig service. drl. pull 4 stds to put butterfly valve in flow line.
11/23/79	TD 695, PBTD 18, drl, progress 67, Thaynes, MW 9, vis 37, survey: 673, 2.5 deg, weld valve in flowline. 1-1/2 hrs. T.I. x drl. survey x T.O. @673 ft. T.I. x bit #8. Mud carrying some foam, will need to rent solids control equipment.
11/24/79	TD 740, PBTD 18, drl, progress 45, Thaynes, MW 8.7, vis 33, dump x clean pits. H2S alarm 1700 hrs no gas, no H2S. BHA:bit-SS-2 9 inch DC-x over-2 7 inch DC-x over-5 5-1/2 inches DC-x over-B-S-x over. total 296.75.
11/25/79	TD 776, PBTD 18, trip x chg BHA, progress 36, Thaynes, MW 8.8, vis 39, WL 20, survey: 771, 3.5 deg, drl to 776ft x survey-3-1/2 deg. building 1 deg/100 ft for last 300 ft. trip for IBS x pendulum assy. T.I. hole. had to start reaming @225 ft. ream down. 200 ft. tite in places T.O. check bit x IBS, both in gauge, put shock sub above IBS, L.D. bumper sub no movement. T.I. x new bit x smaller jets.
11/26/79	TD 795, PBTD 18, drl, progress 19, Thaynes, MW 7.9, vis 36, WL 26, mix mud x LCM. 3-1/4 hrs. chg BHA 1 hrs. T.I. x 60 ft pendulum ream from 330-370. slow reaming. fell thru T.I. to 625 ft. ream to btm. drl to 791 ft. lost full returns, drl 5 MPF. T.O. mix LCM pill. pmp 75 bbls x regained circ. T.I. x drl. BHA:bit-BS-2 9 inches DC-IBS-shock sub-2 7 inches DC- x over-5 5-1/2 inches DC-x over. total 304.63 ft.
11/27/79	TD 868, PBTD 18, drlg, progress 73, Thaynes, MW 8.5, vis 38, WL 26, very little mud lost due to seepose. fuel 8000 gal.
11/28/79	TD 954, PBTD 18, drlg, progress 86, Thaynes, MW 8.5, vis 34, WL 26, survey: 887, 2.7 deg, dumping x cleaning pits to keep weight dn.
11/29/79	TD 1006, PBTD 18, drlg, progress 52, Woodside, MW 7.8, vis 50, WL 30, survey: 958, 3 deg, top Woodside 960. drill 959, survey trip for bit. repair cithead repair swivel. will trip in x drill 100 ft in Woodside 4 run pipe.
11/30/79	TD 1052'. Trip in hole, progress 46, Woodside. MW 8.6, Vis 31, WL 32. Drill to 1052 ft. Short trip to run csg. Orders changed. Trip in w/bit #11. W ill drill to Dinwoody. Well is now flowing 8-10 GPM wtr @ surface Had 15 unit show at 1022 ft. 2-3 units GBB before. No significant drlg break or sample change On to broke all connections on DCS & redupe.

Form 998 2-71

Champlin 432 Amoco "B" #1

DATE	REMARKS
11/10/79	PD 166' Ø made 47', drilled w/air. BGG-0, Lith. lm, dk gry, micro-Xln, dense. Some lt-mod gry, silty, sdy lmy (thaynes on surface)
11/11/79	PD 207' drilling, made 41'. BGG-0.Lith lm, medy, Micro Xln, dense, w/some sh, red - brn, grn. Dev @ 175-3/4 deg SD yesterday, recmt cellar. Only run 10-12K
11/12/79	PD 270', WO Howco. made 63' prtp recmt conductor pipe (washed out). Lith lm med gry, Micro =Xlm, dense. @ 240' hit sh, Dk red-brn, plty, med soft & sh, red-orange, some lt gry silty sh to silt. Probable Woodside @ 240'. Still sin't know if will mud
11/13/79	PD 270', made 0', pmp in 250 sx dn hole, pmp 500 sx. Went dn hole, will try poz mix.
11/14/79	TD 270', rig to squeeze. Woodside. WOC. trip w/W.L. @ 12:00 p.m. tag cmt 60 ft. WOC. WO Halco 8 hrs.rig up pmp , 5 bbls H2O, 250 sx G, CaCl 1/4#/sx. floseal. Down conductor 2 BPM. 250# to 400# psi. 15.8 #/gal. displ w/7 bbls H2O. No cmt in hole. WOC 3 hrs. Mix 4 pmp 250 sx of same slurry. 4 stages w/10 min between stages. Plug down @ 2400 hrs. WOC 5 hrs. Tag @ 247 ft. W.L.M. displace w/7 bbls H2O

Amoco Production Compa

SCOUT TICKET

API WELL NO.			
State	County	Unique	S/T

STATE UTAH COUNTY PARISH MORGAN AREA FIELD

SECTION 19 BLOCK TWP 6N SURVEY RANGE 6E

COMPANY AMOCO PRODUCTION CO

LEASE CHAMPLIN 432 Amoco "B" WELL NO. #1

AFE NO. & TYPE WC-58.33%

LOCATION NE SW

FEET FROM LINE: N E S W

WI	☐	RI	☐
OWWO	☐	AFE	☐
OFFSET WI	☐	OFFSET RI	☐
OTHER	☐		
WC	☐	IMP	☐

PROPERTY NO.

QTR

MAP NO.

DATE SPUDDED 11/7/79 PROPOSED DEPTH ELEV

DATE COMPLETED TD

PFS IP

CH TP GOR GTY

PFS IP

CH TP GOR GTY

CASING: @ WITH SX

@ WITH SX

@ WITH SX

OTHER

SAMPLE TOPS		ELECTRIC LOG TOPS		
FORMATION	DEPTH	FORMATION	DEPTH OPERATOR	DEPTH PAN AM

DATE	REMARKS
11/1/79	WOCR, Pulled rotary table and magnaflux rotary beams. Found x repaired three minor cracks 10/29/79
11/2/79	MIRURT
11/3/79	MIRT , May spud by monday storm forecast will move in logging unit today
11/4/79	MIRURT
11/5/79	MIRURT , Hope to spud tues p.m. or Wed a.m. snowed 1-2"
11/6/79	RURT
11/7/79	RURT
11/8/79	Drilling 62' w/air. 1½ hr/ft. Dk gray, soft dolomitic shale, some lt gray siltstone. spud 11/7/79
11/9/79	Drilling 63' Thaynes,. K.B 12' Spud 12"30 hrs. BHA: bit, bit sub, float sub, X over, 5-5/8" DC, drl cmt @ 23' inside of conductor pipe. Only made 12' of hole in formation

Form 984 2-71

FILE IN TRIPLICATE
FORM OGC-8-X

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

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number Champlin 432 Amoco B1

Operator Amoco Prod. Co. Address 1521 E 39th S SLC

Contractor Burton Hawks. #1 Address FIRST NATL BANK BLDG PO BOX 359 CASPER, WYO. 82602

Location NE¼ SW¼ Sec. 19 T. 6N R. 6E County Morgan UT.

Water Sands

	Depth		Volume	Quality
	From	To	Flow Rate or Head	Fresh or Salty
1.	1006-	1052	8-10 GPM	Fresh.
2.				
3.				
4.				
5.				

(Continue on reverse side if necessary)

RECEIVED
JAN 18 1980
DIVISION OF
OIL, GAS & MINING

Formation Tops

THAYNES - SURFACE
WOODSIDE - 900'
DINWOODY - 1730'

Remarks

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

CL1-12A (REV. 1964)

CHEMICAL & GEOLOGICAL LABORATORIES

P. O. Box 2794
Casper, Wyoming

WATER ANALYSIS REPORT

OPERATOR: Amoco Production Co.
WELL NO.: Champlin 432; B-1
FIELD:
COUNTY:
STATE:

DATE: December 7, 1979 LAB NO.: 32775-2
LOCATION:
FORMATION:
INTERVAL:
SAMPLE FROM: 1 mile from location

REMARKS & CONCLUSIONS:

Cations	mg/1	meq/1	Anions	mg/1	meq/1
Sodium	1	0.04	Sulfate	117	2.44
Potassium	1	0.02	Chloride	18	0.51
Lithium			Carbonate	-	
Calcium	74	3.69	Bicarbonate	134	2.20
Magnesium	17	1.40	Hydroxide	-	
Iron	present		Hydrogen sulfide	-	
Total Cations		5.15	Total Anions		5.15

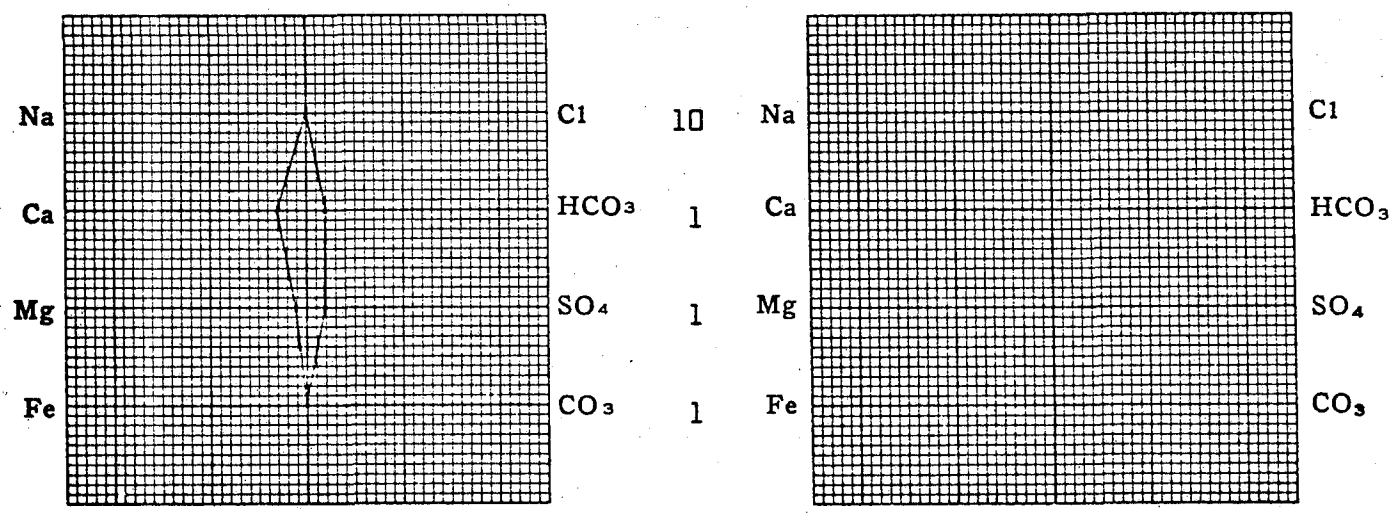
Total dissolved solids, mg/1: 294
NaCl equivalent, mg/1: 217
Observed pH: 6.9

Specific resistance @ 68°F.:
Observed: 23.8 ohm-meters
Calculated: 26.3 ohm-meters

WATER ANALYSIS PATTERN

Sample above described

Scale
MEQ per Unit



(Na value in above graphs includes Na, K, and Li)
NOTE: Mg/1=Milligrams per liter Meq/1= Milligram equivalents per liter
Sodium chloride equivalent=by Dunlap & Hawthorne calculation from components

CL1-12A (REV. 1964)

CHEMICAL & GEOLOGICAL LABORATORIES

P. O. Box 2794
Casper, Wyoming

WATER ANALYSIS REPORT

OPERATOR Amoco Production Co.
WELL NO. Champlin 432; B-1
FIELD
COUNTY
STATE

DATE December 7, 1979 LAB NO. 32775-3
LOCATION
FORMATION
INTERVAL
SAMPLE FROM Just below rig

REMARKS & CONCLUSIONS:

Cations	mg/1	meq/1	Anions	mg/1	meq/1
Sodium	10	0.42	Sulfate	132	2.75
Potassium	1	0.01	Chloride	20	0.56
Lithium			Carbonate	-	
Calcium	76	3.79	Bicarbonate	146	2.39
Magnesium	18	1.48	Hydroxide	-	
Iron	present		Hydrogen sulfide	-	
Total Cations		5.70	Total Anions		5.70

Total dissolved solids, mg/1 328
NaCl equivalent, mg/1 244
Observed pH 6.9

Specific resistance @ 68°F.:
Observed
Calculated

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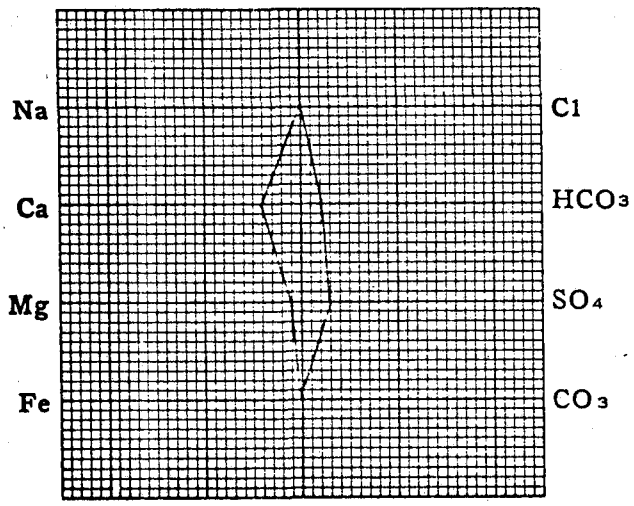
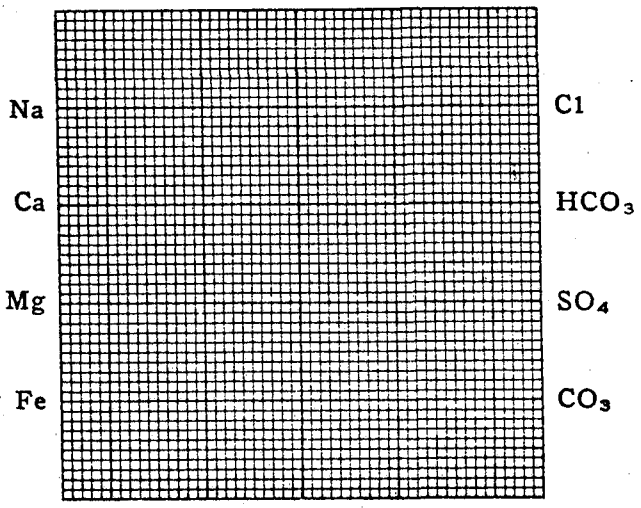
WATER ANALYSIS PATTERN

Sample above described

Scale
MEQ per Unit



10
1
1
1



(Na value in above graphs includes Na, K, and Li)
NOTE: Mg/1=Milligrams per liter Meq/1= Milligram equivalents per liter
Sodium chloride equivalent=by Dunlap & Hawthorne calculation from components

CONFIDENTIAL

DIVISION OF OIL, GAS AND MINING

PLUGGING PROGRAM

NAME OF COMPANY: Amoco Production Company

WELL NAME: Champlin 432- Amoco "B" #1

SECTION 19 NE SW TOWNSHIP 6N RANGE 6E COUNTY Morgan

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

TOTAL DEPTH: 6830'

CASING PROGRAM:

9 5/8" @ 1700' - circulated to surface
openhole to TD

FORMATION TOPS:

Thaynes	surface
Woodside	960'
Phosphoria	2800'
Weber/Wells	2920'
Madison	3030'
Cutler	6400'

PLUGS SET AS FOLLOWS:

plug at TD 100 sx
plug at 4000' 100 sx
100' plug in shoe, 50 in & 50 out 100 sx
Drilling mud between plugs

DATE February 8, 1980

SIGNED ORIGINAL SIGNED BY C. B. FEIGHT
Cleon B. Feight

P

Form OGC-1b

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. OIL WELL [XX] GAS WELL [ ] 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.* See also space 17 below.) At surface: NE/4 SW/4 Sec. 19 2001.2' FSL & 2121.7' FWL

5. LEASE DESIGNATION AND SERIAL NO.: Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Champlin 432 Amoco "B"

9. WELL NO.: #1

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec-19, T6N, R6E SLBM

14. PERMIT NO.: 43-029-30008

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 6679' GR

12. COUNTY OR PARISH: Morgan

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 and abandoned in the following manner:

TD: 6833'

Casing: 9 5/8" set at 1686'

Formation Tops:

Thaynes	Surface
Woodside	960'
Phosphoria	2080'
Weber	2920'
Madison	3030'
Echo Conglomerate	6400'

Plugs:

100 sx plug set at 6833' - 6730'
100 sx plug set at 4000' - 3800'
100 sx plug set at 1800' - 1575'
50' in and 50' out of 9 5/8" casing
10 sx surface plug, dry hole marker installed

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(Verbal approval received by Jeff Kewin, Amoco, from Cleon B. Feight, Utah DOGM, on 2/8/80 at 4:30 p.m.)

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

SIGNED D.L. Davidson TITLE Dist. Admin. Supervisor DATE 2/14/80

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

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)

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 17675, Salt Lake City, UT 84117

4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*)*
At surface: 2001.2' FSL & 2121.7' FWL
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 432 Amoco B

9. WELL NO.: #1

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Sec. 19, T6N, R6E, SLBM

Release date: 9/13/80

14. PERMIT NO.: 43-029-30008 — DATE ISSUED: 9-13-79

12. COUNTY OR PARISH: Morgan — 13. STATE: Utah

15. DATE SPUDDED: 11-7-79 — 16. DATE T.D. REACHED: 2-13-80 — 17. DATE COMPL. (*Ready to prod.*): 2-13-80 PXA — 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*: 6679 GR — 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD: 6,833 — 21. PLUG, BACK T.D., MD & TVD — 22. IF MULTIPLE COMPL., HOW MANY* — 23. INTERVALS DRILLED BY → ROTARY TOOLS: surface - TD — CABLE TOOLS

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

25. WAS DIRECTIONAL SURVEY MADE: Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN: DIL-GR, Sonic-GR, ~~CNL-FDC-GR~~, Dipmeter, Directional

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
95/8	32.3#	1686	12½	1300 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		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*)

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.)	

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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 D. S. Davidson TITLE District Administrative Supervisor DATE 4-22-80

*(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.)

No Cores

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.
Madison DST #1	6,269	6,344	Recovered 1,052' mud cut ammonia water IOP 352, ISIP 487, FOP 361, FSIP 509 Mud Wt. 9.5

38. GEOLOGIC MARKERS

NAME	TOP MEAS. DEPTH	TOP TRUE VERT. DEPTH
Thaynes	surface	
Woodside	960	
Phosphoria	2080	
Weber	2920	
Madison	3030	
Echo	6400	
Conglomerate		

September 11, 1980

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

RE: Well No. Champlin 432-Amoco "B" #1
Sec. 19, T. 6N, R. 6E.,
Morgan, Utah

Gentlemen:

According to our records, a "WEll Completion Report" filed with this office April 24, 1980, from above referred to well(s) indicated the following electric logs were run: DIL-GR, Sonic-GR, CNL-FDC-GR, Dipmeter, Directional logs. As of todays date this office has not received the DIL-GR, Dipmeter, Directional 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

Barbara Hill

BARBARA HILL
CLERK-TYPIST