



SOHIO PETROLEUM COMPANY  
EXPLORATION AND PRODUCTION

P. O. BOX 30  
CASPER, WYOMING 82602

September 15, 1983  
WHW: 55

Jim Shirazi  
Division of Oil, Gas, Mining  
4241 State Office Building  
Salt Lake City, UT 84114

Re: Application for Permit to Drill  
Christmas Creek 35-B  
SE/4, NW/4, Sec. 35, T2N, R10E  
Summit County, Utah

Dear Mr. Shirazi:

Enclosed is the original and two copies of the Application to Drill the Christmas Creek 35-B well in Summit County, Utah. Work is scheduled to begin October 15, 1983.

Please advise if further information is required to approve this application.

Sincerely,

W.H. Ward  
District Manager

*to* TR/jc

cc: J.H. Walters  
T. Rooney  
File



DIVISION OF  
OIL, GAS & MINING

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL & GAS

5. Lease Designation and Serial No.  
U-27663

6. If Indian, Allottee or Tribe Name  
NA

7. Unit Agreement Name  
~~Christmas Creek~~

8. Farm or Lease Name  
Christmas Creek

9. Well No.  
35-B

10. Field and Pool, or Wildcat  
Wildcat ✓

11. Sec., T., R., M., or Blk. and Survey or Area  
Sec. 35, T2N, R10E

12. County or Parrish 13. State  
Summit Utah

**APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK**

1a. Type of Work  
DRILL  DEEPEN  PLUG BACK

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

2. Name of Operator  
Sohio Petroleum Company

3. Address of Operator  
P.O. Box 30, Casper, WY 82602

4. Location of Well (Report location clearly and in accordance with any State requirements.)\*  
At surface 1841' FWL; 1918' FNL (SE/4, NW/4) ✓  
At proposed prod. zone  
Same

14. Distance in miles and direction from nearest town or post office\*  
39 miles south of Evanston, Wyoming

15. Distance from proposed\* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any) 511' (property line)

16. No. of acres in lease  
1280

17. No. of acres assigned to this well  
Unspaced

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

19. Proposed depth  
11,500'

20. Rotary or cable tools  
Rotary

21. Elevations (Show whether DF, RT, GR, etc.)  
8801' GR

22. Approx. date work will start\*  
October 15, 1983

*Jefferson  
Devonian*

23. PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
26"	20"	94#	± 250'	to surface
12½"	9-5/8"	40, 36#	±5000'	to surface
8½"	7"	29, 26#	±11500'	300 sx.

The proposal is to drill to ±11,500'. 30" conductor casing will be set @ ±60', 20" surface casing will be set @ ±250', 9-5/8" intermediate casing will be set @ ±5000' and all will be cemented back to surface. If production is encountered, 7" casing will be set at ±11,500'. At 250' a 20" annular preventer will be installed and tested to a minimum of 1000 psi. At 5000' the BOP stack will be installed (see attached diagram) and will be tested to 5000#. During drilling, pipe rams will be operated daily and noted on daily report. The blind rams will be operated after each trip. Formations of interest and approximate tops are as follows: Phosphoria - 6150'; Weber - 6700'; Madison - 8075'; Three Forks - 9525'; Jefferson - 9900'. Drill stem tests are proposed for the above formations. A 60' sample may be cored in the Three Forks and/or Jefferson formations. Production stimulation will be accomplished as needed.

Utah statewide bond 00683449-1-184 (Ins. Co. of N. America) in force. Attachments:  
1) Surveyor Plat, 2) BOP Diagram.

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.

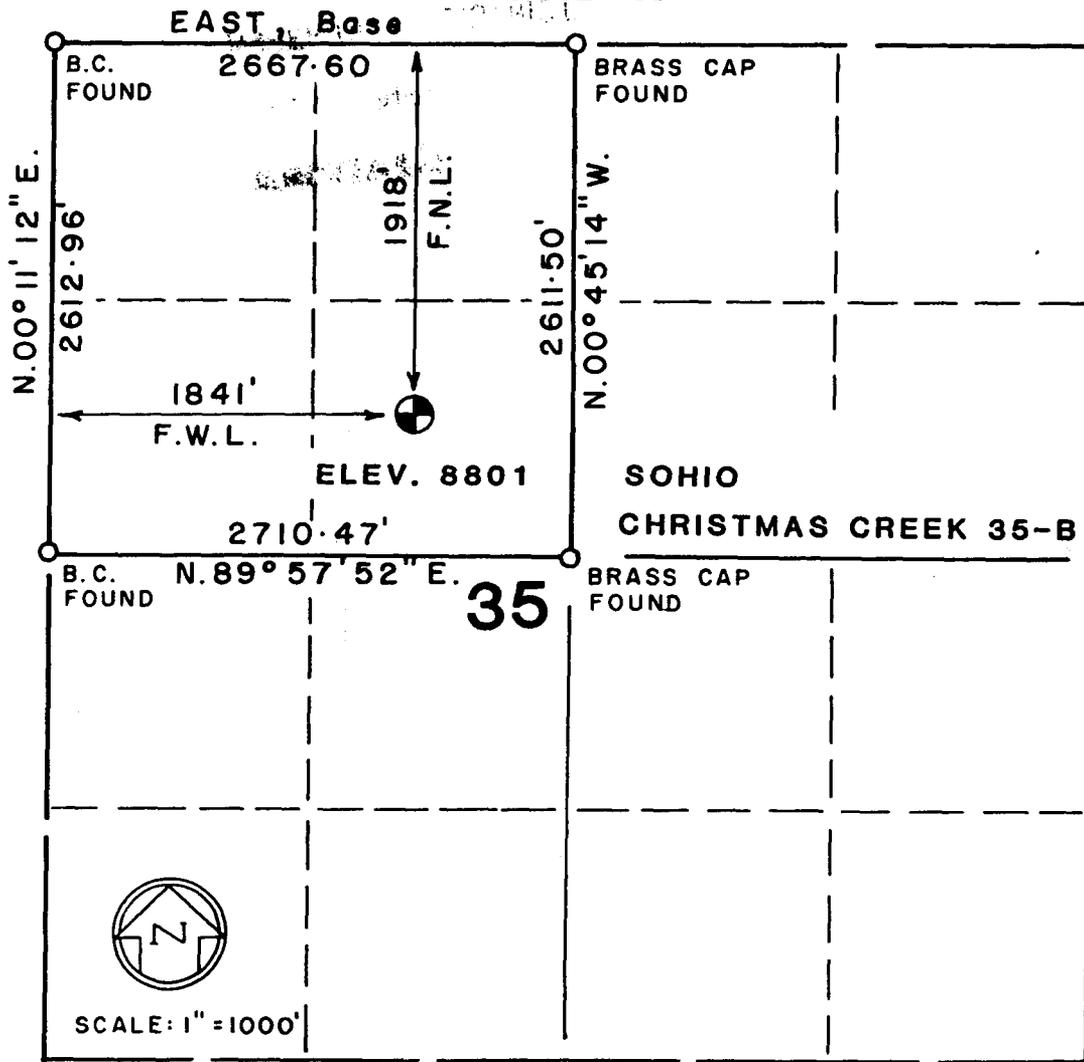
24. Signed W.H. Ward Title District Manager Date 9/15/83

(This space for Federal or State office use)

Permit No. \_\_\_\_\_ Approval Date \_\_\_\_\_

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
Conditions of approval, if any:

T.2N.



SOHIO CHRISTMAS CREEK 35-B is located in the SE $\frac{1}{4}$ NW $\frac{1}{4}$  of Section 35, T.2N., R.10E. of the Salt Lake Meridian, Summit County, Utah. This elevation of 8801 is based on a spot elevation of 8810 at the road intersection near the N $\frac{1}{4}$  corner of Section 35, T.2N., R.10E as shown on the U.S.G.S. Christmas Meadows Quad. map.

CERTIFICATE OF SURVEYOR

STATE OF WYOMING )  
 COUNTY OF SUBLETTE ) SS

I, ROBERT A. HARROWER of Pinedale, Wyoming, hereby certify that this map was made from notes taken during an actual survey made under my supervision on August 17 thru August 22, 1983, and that it correctly represents the survey as shown.

*Robert A. Harrower*

ROBERT A. HARROWER, UTAH L.S. 5441

**RIO VERDE**  
 Engineers - Surveyors  
 Environmental Planners  
 PINEDALE WYOMING



SOHIO PETROLEUM COMPANY  
 CHRISTMAS CREEK 35-B  
 SE $\frac{1}{4}$ NW $\frac{1}{4}$  of Sec. 35, T.2 N., R.10 E.  
 SUMMIT COUNTY, UTAH  
**LOCATION PLAT**

REVISION	DATE
	8/25/83
	J.O. 107
	SHEET
	OF

OPERATOR Sohio Petroleum DATE 9-21-83  
WELL NAME Christmas Creek 35-B  
SEC SE NW 35 T 2 N R 10 E COUNTY Summit

43-043-30240  
API NUMBER

FED  
TYPE OF LEASE

POSTING CHECK OFF:

<input type="checkbox"/>	INDEX	<input type="checkbox"/>	MAP	<input type="checkbox"/>	HL
<input type="checkbox"/>	NID	<input type="checkbox"/>		<input type="checkbox"/>	PI

PROCESSING COMMENTS:

NO WELLS WITHIN 4900'  
UNIT AGREEMENT PENDING

9-23-83  
[Signature]

CHIEF PETROLEUM ENGINEER REVIEW:

9/23/83 Boop equipment w/ H<sub>2</sub>S trim, OK,

APPROVAL LETTER:

SPACING:  A-3 \_\_\_\_\_ UNIT \_\_\_\_\_  c-3-a \_\_\_\_\_ CAUSE NO. & DATE \_\_\_\_\_  
 c-3-b \_\_\_\_\_  c-3-c \_\_\_\_\_

SPECIAL LANGUAGE:

WATER

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

AUTHENTICATE LEASE AND OPERATOR INFORMATION

VERIFY ADEQUATE AND PROPER BONDING *FED*

AUTHENTICATE IF SITE IS IN A NAMED FIELD, ETC.

APPLY SPACING CONSIDERATION

ORDER NO

UNIT NO

c-3-b

c-3-c

CHECK DISTANCE TO NEAREST WELL.

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

IF POTASH DESIGNATED AREA, SPECIAL LANGUAGE ON APPROVAL LETTER

IF IN OIL SHALE DESIGNATED AREA, SPECIAL APPROVAL LANGUAGE.

September 23, 1983

Sohio Petroleum Company  
P. O. Box 30  
Casper, Wyoming 82602

RE: Well No. Christmas Creek 35-B  
SENW Sec. 35, T. 2N, R. 10E  
1918' FNL, 1841' FWL  
Summit County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to gas well is hereby granted in accordance with Rule C-3(b), General Rules and Regulations and Rules of Practice and Procedure. Prior to spudding, a copy of the Utah Division of Water Rights (Phone 801-533-6071) approval for use or purchase of drilling water must be submitted to this office, otherwise this approval is void.

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

RONALD J. FIRTH - Chief Petroleum Engineer  
Office: 533-5771  
Home: 571-6068

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) 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 43-043-30240.

Sincerely,

  
Norman C. Stout  
Administrative Assistant

NCS/as  
cc: ~~Branch~~ of Fluid Minerals  
Encl.



STATE OF UTAH  
NATURAL RESOURCES & ENERGY  
Water Rights

55 East First North • Logan, UT 84321 • 801-752-8755

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Dee C. Hansen, State Engineer

SOH10

October 14, 1983

Great Salt Lake Council  
Boy Scouts of America  
525 Foothill Drive  
Salt Lake City, UT 84113

RE: Temporary Change 83-21-2

Gentlemen:

The above numbered Temporary Change Application has been approved.

A copy is herewith returned to you for your records and future reference.

Sincerely yours,

R. Michael Turnipseed, P.E.  
Northern Area Engineer

RMT:hw

Enclosure

RECEIVED  
NOV 7 1983

DIVISION OF  
OIL, GAS & MINING

APPLICATION NO. 83-21-2  
DISTRIBUTION SYSTEM

# Application For Temporary Change of Point of Diversion, Place or Purpose of Use STATE OF UTAH

RECEIVED  
OCT 04 1983  
WATER RIGHTS

(To Be Filed in Duplicate)

Logan, Utah Sept. 29 1983  
Place Date

For the purpose of obtaining permission to temporarily change the point of diversion, place or purpose of use  
(Strike out written matter not needed)

of water, the right to the use of which was acquired by A-37156 (21-1120)  
(Give No. of application, title and date of Decree and Award No.)

to that hereinafter described, application is hereby made to the State Engineer, based upon the following showing of facts, submitted in accordance with the requirements of the Laws of Utah.

- The owner of right or application is Great Salt Lake Council, Boy Scouts of America
- The name of the person making this application is Great Salt Lake Council, Boy Scouts of America
- The post office address of the applicant is 525 Foothill Drive, Salt Lake City, Utah 84113

### PAST USE OF WATER

- The flow of water which has been used in second feet 0.5
- The quantity of water which has been used in acre feet is
- The water has been used each year from January 1 to December 31 incl.  
(Month) (Day) (Month) (Day)
- The water has been stored each year from January 1 to December 31  
(Month) (Day) (Month) (Day)
- The direct source of supply is an isolated spring in Summit County
- The water has been diverted into concrete diverting box at a point located NW/4, Sec. 1, T2N, R10E, SW/4, Sec. 36, T2N, R10E  
R10E, SW/4, Sec. 36, T2N, R10E
- The water involved has been used for the following purpose: Domestic & Recreational

Total \_\_\_\_\_ acres.  
NOTE: If for irrigation, give legal subdivisions of land and total acreage which has been irrigated. If for other purposes, give place and purpose of use.

### THE FOLLOWING TEMPORARY CHANGES ARE PROPOSED

- The flow of water to be changed in cubic feet per second is .2 cfs
- The quantity of water to be changed in acre-feet is 40
- The water will be diverted into the ditch at a point located From either 1 the East Fork of the Bear River, 2 pond fed by existing spring  
canal both located in the N/2, Sec. 35, T2N, R10E
- The change will be made from November 1 19 83 to April 30 19 83  
(Period must not exceed one year)
- The reasons for the change are Oil & Gas Explorative Drilling
- The water involved herein has heretofore been temporarily changed \_\_\_\_\_ years prior to this application.  
(List years change has been made)

- The water involved is to be used for the following purpose: Drilling Fluid in connection with oil and gas exploration.

Total \_\_\_\_\_ acres.  
NOTE: If for irrigation, give legal subdivisions of land to be irrigated. If for other purposes, give place and purpose of proposed use.

### EXPLANATORY

This water will be used by Sohio Petroleum Company to drill the Christmas Creek 35-D well located in the SE/4, NW/4, Sec. 35, T2N, R10E, Summit Co., Utah.  
Operations will commence November 1, 1983 and continue through the winter.

A filing fee in the sum of \$5.00 is submitted herewith. I agree to pay an additional fee for either investigating or advertising this change, or both, upon the request of the State Engineer.

W. A. Ward  
Signature of Applicant

RULES AND REGULATIONS

(Read Carefully)

This application blank is to be used only for temporary change of point of diversion, place or nature of use for a definitely fixed period not to exceed one year. If a permanent change is desired, request proper application blanks from the State Engineer.

Application for temporary change must be filed in duplicate, accompanied by a filing fee of \$7.50. Where the water affected is under supervision of a Water Commissioner, appointed by the State Engineer, time will be saved if the Application is filed with the Commissioner, who will promptly investigate the proposed change and forward both copies with filing fee and his report to the State Engineer. Applications filed directly with the State Engineer will be mailed to the Water Commissioner for investigation and report. If there be no Water Commissioner on the source, the Application must be filed with the State Engineer.

When the State Engineer finds that the change will not impair the rights of others he will authorize the change to be made. If he shall find, either by his own investigation or otherwise, that the change sought might impair existing rights he shall give notice to persons whose rights might be affected and shall give them opportunity to be heard before acting upon the Application. Such notice shall be given five days before the hearing either by regular mail or by one publication in a newspaper. Before making an investigation or giving notice the State Engineer will require the applicant to deposit a sum of money sufficient to pay the expenses thereof.

Address all communications to:

State Engineer
State Capitol Building
Salt Lake City, Utah

STATE ENGINEER'S ENDORSEMENTS

(Not to be filled in by applicant)

Change Application No. (River System)

1. Application received by Water Commissioner (Name of Commissioner)

Recommendation of Commissioner

2. SEP 30 1983 Application received over counter in State Engineer's Office by

3. SEP 30 1983 Fee for filing application, \$7.50 received by ; Rec. No. 03674

4. Application returned, with letter, to, for correction.

5. Corrected application resubmitted over counter by mail to State Engineer's Office.

6. Fee for investigation requested \$.

7. Fee for investigation \$, received by ; Rec. No.

8. Investigation made by ; Recommendations:

9. Fee for giving notice requested \$.

10. Fee for giving notice \$, received by ; Rec. No.

11. Application approved for advertising by publication mail by No Need to Advertise

12. Notice published in.

13. Notice of pending change application mailed to interested parties by as follows:

14. Change application protested by (Date Received and Name)

15. Hearing set for

16. SEP 30 1983 Application recommended for rejection approval by

17. 10/21/83 Change Application rejected and returned to

THIS APPLICATION IS APPROVED SUBJECT TO THE FOLLOWING CONDITIONS:

- 1.
2.
3.

State Engineer

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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 Form 9-331-C for such proposals.)

1. oil well  gas well  other

2. NAME OF OPERATOR  
Sohio Petroleum Company

3. ADDRESS OF OPERATOR  
P.O. Box 30, Casper, WY 82602

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 1918' FNL, 1841' FWL (SE/4,  
AT TOP PROD. INTERVAL: NW/4)  
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE:  
REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF <input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE <input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES <input type="checkbox"/>	<input type="checkbox"/>
ABANDON* <input type="checkbox"/>	<input type="checkbox"/>
(other) <u>Setting of Conductor Casing</u> <input checked="" type="checkbox"/>	

5. LEASE Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
NA

7. UNIT AGREEMENT NAME (pro-  
Christmas Creek II posed)

8. FARM OR LEASE NAME  
Christmas Creek

9. WELL NO.  
35-B

10. FIELD OR WILDCAT NAME  
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 35, T2N, R10E

12. COUNTY OR PARISH Summit 13. STATE Utah

14. API NO.  
43-043-30240

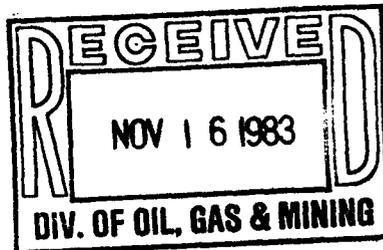
15. ELEVATIONS (SHOW DF, KOB, AND WD)  
8801' GR

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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.)

SEE ATTACHED SHEET.

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING  
DATE: 11/19/83  
BY: [Signature]



Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

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

SIGNED W.H. Ward TITLE Dist. Manager DATE 11/15/83

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

ATTACHMENT TO:  
CHRISTMAS CREEK 35-B  
SUNDRY NOTICE  
SETTING OF CONDUCTOR CASING  
SOHIO PETROLEUM COMPANY

Approval was received 9/23/83 from the State of Utah, Division of Oil, Gas and Mining on our Application for Permit to Drill the Christmas Creek 35-B well. Construction commenced October 30, 1983 upon receipt of all necessary approvals of ROW from State Board of Lands. It was anticipated at that time that construction would be completed by November 12 and the well would be spudded by November 30, 1983. Problems have been encountered with the onset of snow and the presence of boulders making construction more difficult than anticipated. At this time it is not certain that the drilling rig will be able to move in, rig up and commence drilling by November 30, 1983.

Sohio plans to proceed as follows:

- 1) Continue construction of pad;
- 2) Move in a rathole digger and set 30" conductor csg. at  $\pm 60'$  as outlined in approved APD by November 30, 1983. This should constitute spudding and satisfy such stipulations of the proposed Christmas Creek Unit;
- 3) Complete construction, move in rig and commence drilling within 60 days of setting the conductor casing.

This information was originally discussed between Bob Hendricks, BLM and Terry Rooney, Sohio on November 14, 1983.

Please advise if further action must be taken to satisfy our requirements.

DIVISION OF OIL, GAS AND MINING

*file*

SPUDDING INFORMATION

NAME OF COMPANY: Sohio Petroleum Co.

WELL NAME: Christmas Creek 35-B

SECTION 35 TOWNSHIP 2N RANGE 10E COUNTY Summit

DRILLING CONTRACTOR Mamma

RIG # 32

SPUDED: DATE 12/24/83

TIME 6AM

How \_\_\_\_\_

DRILLING WILL COMMENCE \_\_\_\_\_

REPORTED BY Bob Lynch

TELEPHONE # \_\_\_\_\_

*Set 310' - 20" casing. Testing Hydral and control valve to 1000 # on 12/28/83*

DATE 12/28/83

SIGNED RJP

**STATE OF UTAH**  
**DEPARTMENT OF NATURAL RESOURCES**  
**DIVISION OF OIL & GAS CONSERVATION**  
 4241 STATE OFFICE BUILDING  
 SALT LAKE CITY, UTAH 84114  
 533-5771

State Lease No. U27663  
 Federal Lease No. NA  
 Indian Lease No. NA  
 Fee & Pat. NA

**REPORT OF OPERATIONS AND WELL STATUS REPORT**

STATE Utah COUNTY Summit FIELD/LEASE Christmas Creek 35-B

The following is a correct report of operations and production (including drilling and producing wells) for the month of:  
January, 1984

Agent's Address P.O. Box 30 Company Sohio Petroleum Company  
Casper, WY 82602 Signed [Signature]  
 Phone No. 307-237-3861 Title District Administrator

Sec. and % of %	Twp.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (In thousands)	Gallons of Gasoline Recovered	Barrels of Water (if none, so state)	API NUMBER/REMARKS (if drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
Sec. 35 SE NW	2N	10E	1	Drilling						TD: 5203'  API# 43-043-30240  JUL 30 1984

**CONFIDENTIAL**

**GAS: (MCF)**  
 Sold 0  
 Flared/Vented 0  
 Used On/Off Lease 0

**OIL or CONDENSATE: (To be reported in Barrels)**  
 On hand at beginning of month 0  
 Produced during month 0  
 Sold during month 0  
 Unavoidably lost 0  
 Reason: 0  
 On hand at end of month 0

**DRILLING/PRODUCING WELLS:** This report must be filed on or before the sixteenth day of the succeeding month following production for each well. Where a well is temporarily shut-in, a negative report must be filed. **THIS REPORT MUST BE FILED IN DUPLICATE.**

Note: The API number must be listed on each well.

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" (or such proposals).)

5. LEASE DESIGNATION AND SERIAL NO.	
Fee	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
N/A	
7. UNIT AGREEMENT NAME	
Christmas Creek II	
8. FARM OR LEASE NAME	
Christmas Creek	
9. WELL NO.	
35-B	
10. FIELD AND POOL, OR WILDCAT	
Christmas Creek	
11. SEC., T., R., N., OR S.E. AND SURVEY OR AREA	
Section 35, T2N, R10E	
12. COUNTY OR PARISH	13. STATE
Summit	Utah

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	
2. NAME OF OPERATOR Sohio Petroleum Company	
3. ADDRESS OF OPERATOR P. O. Box 30, Casper, WY 82602	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1841' FWL and 1918 FNL (SE/4, NW/4)	
14. PERMIT NO.	15. ELEVATIONS (Show whether OP, ST, CR, etc.) 8801' GR; 8821' KB

CONFIDENTIAL

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

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

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

A recent recompletion from the Thaynes formation to the Upper Phosphoria formation has resulted in production of 65 bopd and 485 bwpd by electric submersible pump. Low-oil rate coupled with very high operating costs (water hauling, snow removal, onsite electric power generator rentals, etc.) cause the well to operate at a substantial loss. Sohio plans to suspend producing operations and temporarily abandon the Christmas Creek 35-B well at least for the duration of the winter and spring snow season. Further testing and producing operations are possible during summer 1985. Ultimate disposition of the well will be contingent upon future drilling within the Christmas Creek II Unit.

The submersible pump will be removed from the well, tubing will be rerun and the wellhead secured. All salable oil will be sold and all produced water will be hauled to an approved disposal site. Open perforations in the Upper and Middle Phosphoria zones are separated by a bridge plug to prevent crossflow. The Thaynes perforations have been sealed off with a cement squeeze. Production casing is essentially new and is effectively cemented so no danger to water zones will exist during the suspension of operations.

Approval conditions:

1. A well completion report must be submitted to the Division as required by Rule C-5.

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

DATE: 2/5/85  
BY: John R. Bay

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

SIGNED W. H. Ward TITLE District Manager DATE 1/28/84

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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 Form 9-331-C for such proposals.)

1. oil well  gas well  other

2. NAME OF OPERATOR  
SOHIO PETROLEUM COMPANY

3. ADDRESS OF OPERATOR  
P.O. BOX 30, CASPER, WYOMING 82602

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 1841' FWL, 1918' FNL (SE/4,NW/4)  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

5. LEASE  
FEE

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
N/A

7. UNIT AGREEMENT NAME  
CHRISTMAS CREEK II

8. FARM OR LEASE NAME  
CHRISTMAS CREEK

9. WELL NO.  
35-B

10. FIELD OR WILDCAT NAME  
WILDCAT

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
SEC. 35, T2N, R10E

12. COUNTY OR PARISH | 13. STATE  
Summit | Utah

14. API NO.  
43-043-30240

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
8801' GR

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

PULL OR ALTER CASING

MULTIPLE COMPLETE

CHANGE ZONES

ABANDON\*

(other) MONTHLY WELL HISTORY

SUBSEQUENT REPORT OF:

RECEIVED  
FEB 25 1984

(NOTE: Report results of multiple completion or zone changes on Form 9-330.)

DIVISION OF  
OIL, GAS & MINING

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.)\*

SEE ATTACHED SHEET

MONTHLY HISTORY FOR 12-25-83 through 1-31-84

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

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

SIGNED W.H. Ward TITLE District Manager DATE 2-13-84

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

Christmas Creek

Page 1

- 12-25 Depth 260', made 195' Drlg 17½", MW 8.8, Vis 45.
- 12-26 Depth 320', made 60', Ream 26" to 135', MW 8.6, Vis 40.
- 12-27 Depth 320', Ream 26" to 320'. Run 20" csg., MW 9.0, Vis 55.
- 12-28 Depth 320', made 0' NU., Ran 8 jts 315.54' 20" 94# J-55 Butt.
- 12-29 Depth 381', made 61', Surveying, MW 8.6, Vis 30.
- 12-30 Depth 672', made 291', Drilling, MW 8.7, Vis 36.
- 12-31 Depth 894', made 222', T., MW 8.7, Vis 43.
- 1-1 Depth 1192', made 298', Work on fuel system, MW 9.4, Vis 45.
- 1-2 Depth 1416', made 224', Drlg., MW 10.2, Vis 45.
- 1-3 Depth 1675', made 259', Drlg., MW 11, Vis 46.
- 1-4 Depth 1887', made 212', Drlg., MW 11.2, Vis 56.
- 1-5 Depth 2021', made 134', Drlg., MW 10.6, Vis 38.
- 1-6 Depth 2226', made 205', Drlg., MW 11.3, Vis 48.
- 1-7 Depth 2380', made 154', Drlg., MW 11.3, Vis 44.
- 1-8 Depth 2530', made 150', Drlg., MW 11.4, Vis 47.
- 1-9 Depth 2611', made 81', T. MW 11.9, Vis 62.
- 1-10 Depth 2738', made 127', Drlg., MW 11.9, Vis 47.
- 1-11 Depth 2918', made 180', Drlg., MW 11.6, Vis 49.
- 1-12 Depth 2997', made 79', Drlg., MW 11.3, Vis 39.
- 1-13 Depth 3161', made 164', Drlg., MW 11.8, Vis 52.
- 1-14 Depth 3358', made 197', Drlg., MW 11.8, Vis 49.
- 1-15 Depth 3526', made 168', Drlg., MW 11.8, Vis 50.
- 1-16 Depth 3709', made 183', Drlg., MW 11.8, Vis 48.
- 1-17 Depth 3795', made 86', Drlg., MW 11.6, Vis 56.
- 1-18 Depth 4026', made 231', Drlg., MW 11.9, Vis 52.
- 1-19 Depth 4280', made 254', Drlg., MW 11.6, Vis 45.
- 1-20 Depth 4346', made 76' Ream 3845 to 4346. MW 11.9, Vis 54.

Christmas Creek

Page 2

- 1-21 Depth 4415', made 59', GIH, MW 11.6, Vis 51.
- 1-22 Depth 4518', made 103', Drlg., MW 11.9, Vis 53.
- 1-23 Depth 4556', made 38', Drlg., MW 11.6, Vis 46.
- 1-24 Depth 4718', made 162', Drlg., MW 11.7, Vis 46.
- 1-25 Depth 4848', made 130', Sur. MW 11.8, Vis 54.
- 1-26 Depth 4905', made 57', Drlg., MW 11.7, Vis 48.
- 1-27 Depth 5072', made 167', Drlg., MW 11.9, Vis 48.
- 1-28 Depth 5200', made 128', POH for logs., MW 11.8, Vis 52.
- 1-29 Depth 5200', made 0', C&C to run csg. MW 11.8, Vis 52.
- 1-30 Depth 5203', made 0', WOC. Ran 51 jts. ✓ 9-5/8" 36# S-80 ST&C
- 1-31 Depth 5203', made 0', NU. Cmt. fell 80'

BLOW OUT PREVENTION TEST

NAME OF COMPANY: SOHIO PETROLEUM

WELL NAME: CHRISTMAN CREEK 35-B

SECTION: SENEW 35 TOWNSHIP 2N RANGE 10E COUNTY: SUMMIT

DRILLING CONTRACTOR: \_\_\_\_\_

RIG # \_\_\_\_\_

BOP TEST: DATE: 1-31-84

TIME: Afternoon

DRILLING: \_\_\_\_\_

CASING: \_\_\_\_\_

H<sub>2</sub>S: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

REPORTED BY: BOB LYNCH

TELEPHONE NO. (801) 642-6621

DATE: 1-30-84 SIGNED GL



SOHIO PETROLEUM COMPANY  
EXPLORATION AND PRODUCTION

P. O. BOX 30  
CASPER, WYOMING 82602

February 24, 1984  
WHW: 100

Division of Oil, Gas & Mining  
4241 State Office Building  
Salt Lake City, UT 84114

Attn: Sandy

Re: Christmas Creek 35-B  
Sec. 35, T2N, R10E  
Summit County, Utah

Dear Sandy:

Sohio Petroleum Company requests that your office hold all information confidential on our Christmas Creek 35-B well located in SE/4, NW/4, Sec. 35, T2N, R10E, Summit County, Utah.

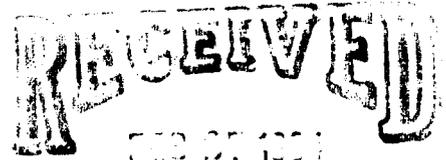
We ask that this confidentiality be held until 4 months after the well is completed.

Sincerely,

W.H. Ward  
District Manager

jc

cc: File



DIVISION OF  
OIL, GAS & MINING

**RECEIVED**

**JUL 30 1984**

**DIVISION OF OIL  
GAS & MINING**

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL & GAS CONSERVATION  
4241 STATE OFFICE BUILDING  
SALT LAKE CITY, UTAH 84114  
533-5771

State Lease No. U27663  
Federal Lease No. NA  
Indian Lease No. NA  
Fee & Pat. NA

**REPORT OF OPERATIONS AND WELL STATUS REPORT**

STATE Utah COUNTY Summit FIELD/LEASE Christmas Creek 35-B

The following is a correct report of operations and production (including drilling and producing wells) for the month of:  
December, 19 83

Agent's Address P.O. Box 30 Company Sohio Petroleum Company  
Casper, WY 82602 Signed [Signature]  
Phone No. 307-237-3861 Title District Administrator

Sec. and ¼ of ¼	Twp.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (In thousands)	Gallons of Gasoline Recovered	Barrels of Water (if none, so state)	API NUMBER/REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
Sec. 35 SE NW	2N	10E	Drilling							TD: 1105'  API# 43-043-30240  JUL 30 1984

**CONFIDENTIAL**

**GAS: (MCF)**

Sold 0  
Flared/Vented 0  
Used On/Off Lease 0

**OIL or CONDENSATE: (To be reported in Barrels)**

On hand at beginning of month 0  
Produced during month 0  
Sold during month 0  
Unavoidably lost 0  
Reason: 0  
On hand at end of month 0

**DRILLING/PRODUCING WELLS:** This report must be filed on or before the sixteenth day of the succeeding month following production for each well. Where a well is temporarily shut-in, a negative report must be filed. **THIS REPORT MUST BE FILED IN DUPLICATE.**

Note: The API number must be listed on each well.

**STATE OF UTAH**  
 DEPARTMENT OF NATURAL RESOURCES  
 DIVISION OF OIL & GAS CONSERVATION  
 4241 STATE OFFICE BUILDING  
 SALT LAKE CITY, UTAH 84114  
 533-5771

State Lease No. U27663  
 Federal Lease No. NA  
 Indian Lease No. NA  
 Fee & Pat. NA

**REPORT OF OPERATIONS AND WELL STATUS REPORT**

STATE Utah COUNTY Summit FIELD/LEASE Christmas Creek 35-B

The following is a correct report of operations and production (including drilling and producing wells) for the month of:  
February, 1984

Agent's Address P.O. Box 30 Company Schio Petroleum Company  
Casper, WY 82602 Signed [Signature]  
 Phone No. 307-237-3861 Title District Administrator

Sec. and % of %	Twp.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (In thousands)	Gallons of Gasoline Recovered	Barrels of Water (if none, so state)	API NUMBER/REMARKS (if drilling, depth; if shut down, cause date and result of test for gasoline content of gas)
Sec. 35 SE NW	2N	10E	1	Drilling						TD: 9298'  API# 43-043-30240  JUL 30 1984

**CONFIDENTIAL**

**GAS: (MCF)**  
 Sold 0  
 Flared/Vented 0  
 Used On/Off Lease 0

**OIL or CONDENSATE: (To be reported in Barrels)**  
 On hand at beginning of month 0  
 Produced during month 0  
 Sold during month 0  
 Unavoidably lost 0  
 Reason: 0  
 On hand at end of month 0

**DRILLING/PRODUCING WELLS:** This report must be filed on or before the sixteenth day of the succeeding month following production for each well. Where a well is temporarily shut-in, a negative report must be filed. **THIS REPORT MUST BE FILED IN DUPLICATE.**

Note: The API number must be listed on each well.



**SOHIO PETROLEUM COMPANY**  
EXPLORATION AND PRODUCTION

P. O. BOX 30  
CASPER, WYOMING 82602

March 14, 1984  
WHW:

**RECEIVED**  
MAR 16 1984

Ron Firth  
Division Oil Gas and Mining  
4241 State Office Building  
Salt Lake City, UT 84114

**DIVISION OF  
OIL, GAS & MINING**

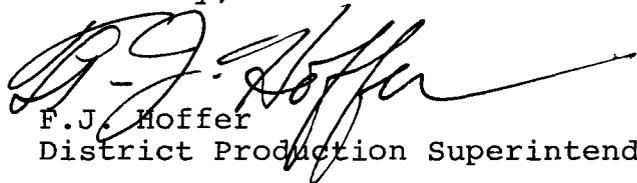
Re: Christmas Creek 35B  
Sec. 35, T2N, R10E  
Summit County  
43-043-30240

Dear Mr. Firth:

Attached is the original and two copies of the sundry notice requesting approval to increase the approved total depth for the Christmas Creek 35B well.

It is requested that all information submitted on this well be held **confidential** for the maximum allowable time.

Sincerely,

  
F.J. Hoffer  
District Production Superintendent

TR/jc

cc: Bill Martens, BLM, Salt Lake City  
J.H. Walters  
E.G. Werren  
T. Rooney  
File

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION

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 <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. Fee
2. NAME OF OPERATOR Sohio Petroleum Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME NA
3. ADDRESS OF OPERATOR P.O. Box 30, Casper, WY 82602		7. UNIT AGREEMENT NAME Christmas Creek II
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1841' FWL, 1918' FNL (SE/4, NW/4)		8. FARM OR LEASE NAME Christmas Creek
14. PERMIT NO. 43-043-30240		9. WELL NO. 35B
15. ELEVATIONS (Show whether DF, RT, OR, etc.) 8801' GR		10. FIELD AND POOL, OR WILDCAT Wildcat
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 35, T2N, R10E
		12. COUNTY OR PARISH Summit
		18. STATE Utah

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

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

Approval was received 11/17/83 to drill this well to ±11500' in the Subthrust. Current depth (as of 3/13/84) is 10912'.

Data obtained during drilling done to date has caused a revision in projected depths of the remaining zones of interest by ±3000'. Therefore, we are requesting approval to extend P.T.D. to ±14500' to permit evaluation of Subthrust formations as originally proposed.

The only change to the casing program expected at this time will be to extend the 7" casing setting depth to ±14500'.

CONFIDENTIAL

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

SIGNED R. J. Hofer TITLE Dist. Prod. Supt. DATE 3/14/84

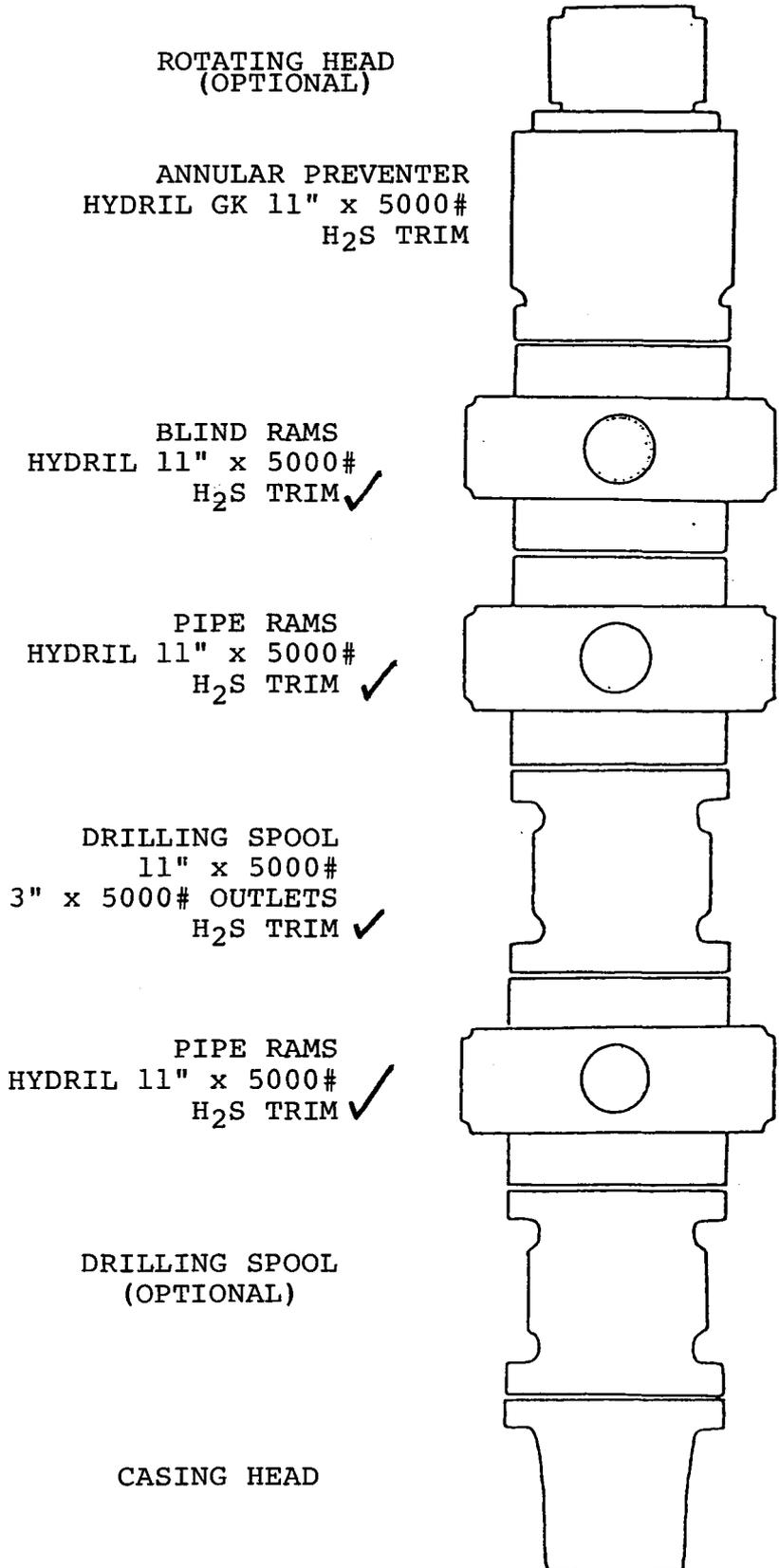
(This space for Federal or State use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

CONFIDENTIAL

SOHIO PETROLEUM COMPANY  
MINIMUM BOP REQUIREMENTS  
(FOR 9-5/8" CASING)

5000' - T.D.



NOTE: ALL CONNECTIONS FLANGE TYPE, H<sub>2</sub>S TRIM ✓

# DOUBLE "D" ENTERPRISES

## B.O.P. Test Report

B.O.P. TEST PERFORMED ON (DATE) ..... 3-31-84

OIL CO.: ..... Sohio

WELL NAME & NUMBER ..... Christmas Creek 35-13

SECTION ..... 35 S

TOWNSHIP ..... 2 N

RANGE ..... 10 E

COUNTY ..... Summit, Utah

DRILLING CONTRACTOR ..... Manning 32

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

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

OIL CO. SITE REPRESENTATIVE ..... Bob Lynch

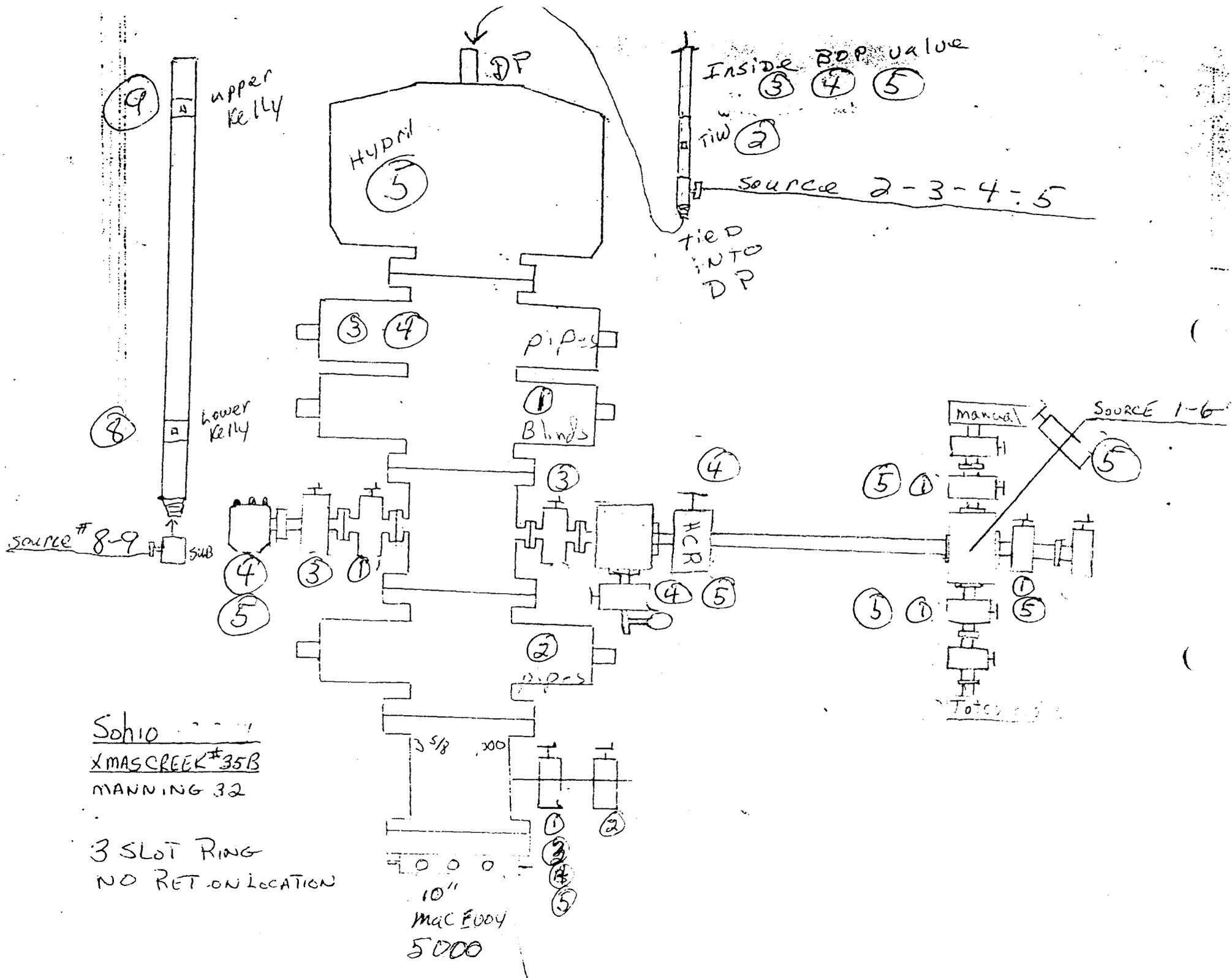
RIG TOOL PUSHER ..... Jim Bunker

TESTED OUT OF ..... EVANSTON

NOTIFIED PRIOR TO TEST: .....

COPIES OF THIS TEST REPORT SENT COPIES TO: ..... Sohio Site Rep  
..... BLM  
..... Utah Oil & Gas

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



Sohio  
 XMAS CREEK #35B  
 MANNING 32

3 SLOT RING  
 NO RET. ON LOCATION

3 5/8 100  
 4 0 0 0  
 10"  
 Mac Eddy  
 5000

Company		Lease #	Well Name #	Date of test	Rig #
Sohio		35-B	Christmas Creek	3-31-84	Manning 32
TEST #	Time				
	3 <sup>00</sup> pm	arrive on location Rig up to manifold UNLOAD truck			
	4 <sup>00</sup> pm	Rig up to pull wear Ring pull wear Ring			
	4 <sup>30</sup> pm	Run plug Fill Stack			
1,	4 <sup>45</sup> -5 <sup>00</sup>	BLINDS 1st 3 manifold valves 1st Kill line valve 1st panic line valve 5000 15 min OK			
	5 <sup>00</sup> -5 <sup>15</sup>	RUN joint tie IN HAD circulating sub & tiw & INSIDE BOP valve ON top of joint			
	5 <sup>15</sup> -6 <sup>00</sup>	Test attempt LEAK on sub tighten sub Test attempt LEAK on tie IN tape-up			
2,	6 <sup>00</sup> -6 <sup>15</sup>	lower pipes 2nd panic line valve TIW 5000 15 min OK - NOTE - HAD INSIDE BOP valve locked open while testing tiw			
3,	6 <sup>15</sup> 6 <sup>40</sup>	Upper pipes 2nd manual on Kill line 1st manual on choke line & panic line & INSIDE BOP valve 5000 15 min OK			
4,	6 <sup>40</sup> -7 <sup>00</sup>	upper pipes HCR check valve 1st panic & INSIDE BOP 5000 15 min OK 90° choke line			
5	7 <sup>00</sup> -7 <sup>30</sup>	Close Hydril open pipes Hydril-1st panic-check-INSIDE BOP-vertical riser-90° choke line valve & 1st 3 manifold 2500 1st 200 RAN			



# DOUBLE "D" ENTERPRISES

*Confidential*

B.O.P. Test Report

B.O.P. TEST PERFORMED ON (DATE) 3.2.84

OIL CO.: Sohio

WELL NAME & NUMBER CHRISTMAS CREEK #35B

SECTION 35S

TOWNSHIP 2N

RANGE 10E

COUNTY SUMMIT, UTAH

DRILLING CONTRACTOR MANNING #32

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

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

OIL CO. SITE REPRESENTATIVE BOB LYNCH

RIG TOOL PUSHER.....

TESTED OUT OF EVANSTON

NOTIFIED PRIOR TO TEST: .....

COPIES OF THIS TEST REPORT SENT COPIES TO: SITE REP

U.S.G.S.

BLM

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



Company	Lease and Well Name #	Date of test	Rig #
Sohio	CHRISTMAS CREEK #35B	3-2-84	MANNING #22
IST #	Time		
	3:00-4:00	TRAVEL TO RIG	
	4:00-5:55	RIG TRIPPING BHA - RIG UP TO TEST - NO 3 SLOT RETRIEVER	
①	5:55-6:10	5000 O.K. (SEE DIAGRAM # ITEMS TESTED)	
	6:10-6:15	SWITCH VALVES	
②	6:15-6:30	5000 O.K.	
	6:30-6:35	WORK SUPER CHOKE	
③	6:35-6:50	5000 O.K.	
	6:50-8:00	W.O. 3 SLOT RETRIEVER	
	8:00-9:35	PULL WEAR RING - SET PLUG W/ NEW O-RING SEAL - WOULD NOT SEAL - TORN ON WAY IN STACK - REPLACE SEAL SET PLUG - FILL STACK - CLOSE BLINDS	
④	9:35-9:50	5000 O.K.	
	9:50-10:05	STAR PLUG - SWITCH HOSES - CLOSE PIPES	
⑤	10:05-10:20	5000 O.K.	
	10:20-10:25	CLOSE UPPER PIPES - OPEN LOWERS - CLOSE HCR	
⑥	10:25-10:40	5000 O.K.	
	10:40-11:05	WORK HYDRIL + CLOSE	
⑦	11:05-11:20	2500 O.K.	
	11:20-11:25	LAY DOWN TOOLS	
⑧	11:25-11:40	5000 - O.K. INSIDE B.O.P.	
	11:40-12:25	W.O. RIG TO TRIP BHA, WT. PIPE + P.U. KELLY	
⑨	12:25-12:40	5000 O.K.	
⑩	12:42-12:57	5000 O.K.	
	12:57-	BREAK DOWN TOOLS SPOOLUP - MAKE OUT TICKET TRAVEL HOME	

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or rework a well for a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well  gas well  other

2. NAME OF OPERATOR  
SOHIO PETROLEUM COMPANY

3. ADDRESS OF OPERATOR  
P.O. BOX 30, CASPER, WYOMING 82602

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 1841' FWL, 1918' FNL (SE/4,NW/4)  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF	<input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>	<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>	<input type="checkbox"/>
(other) <u>MONTHLY WELL HISTORY</u>		

5. LEASE FEE

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
N/A

7. UNIT AGREEMENT NAME  
CHRISTMAS CREEK II

8. FARM OR LEASE NAME  
CHRISTMAS CREEK

9. WELL NO.  
35-B

10. FIELD OR WILDCAT NAME  
WILDCAT

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
SEC 35, T2N, R10E

12. COUNTY OR PARISH  
Summit

13. STATE  
Utah

14. API NO.  
43-043-30240

15. ELEVATIONS (SHOW OF, KOB, AND WD)  
8801' GR

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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.)\*

SEE ATTACHED SHEET

MONTHLY HISTORY FOR February 1 thru March 8, 1984

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

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

SIGNED W.H. Ward TITLE District Manager DATE March 16, 1984

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

CONFIDENTIAL

\*See Instructions on Reverse Side

CONFIDENTIAL

**STATE OF UTAH**  
**DEPARTMENT OF NATURAL RESOURCES**  
**DIVISION OF OIL & GAS CONSERVATION**  
 4241 STATE OFFICE BUILDING  
 SALT LAKE CITY, UTAH 84114  
 533-5771

State Lease No. U27663  
 Federal Lease No. NA  
 Indian Lease No. NA  
 Fee & Pat. NA

**REPORT OF OPERATIONS AND WELL STATUS REPORT**

STATE Utah COUNTY Summit FIELD/LEASE Christmas Creek 35-B

The following is a correct report of operations and production (including drilling and producing wells) for the month of:  
March, 19 84

Agent's Address P.O. Box 30 Company Sohio Petroleum Company  
Casper, WY 82602 Signed [Signature]  
 Phone No. 307-237-3861 Title District Administrator

Sec. and % of %	Twp.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (in thousands)	Gallons of Gasoline Recovered	Barrels of Water (if none, so state)	API NUMBER/REMARKS (If drilling, depth; if shut down, cause, date and result of test for gasoline content of gas)
Sec. 35 SE NW	2N	10E	1	Drilling						TD: 12,718'  API# 43-043-30240  JUL 30 1984

**CONFIDENTIAL**

**GAS: (MCF)**  
 Sold 0  
 Flared/Vented 0  
 Used On/Off Lease 0

**OIL or CONDENSATE: (To be reported in Barrels)**  
 On hand at beginning of month 0  
 Produced during month 0  
 Sold during month 0  
 Unavoidably lost 0  
 Reason: 0  
 On hand at end of month 0

**DRILLING/PRODUCING WELLS:** This report must be filed on or before the sixteenth day of the succeeding month following production for each well. Where a well is temporarily shut-in, a negative report must be filed. **THIS REPORT MUST BE FILED IN DUPLICATE.**

Note: The API number must be listed on each well.



✓ SOHIO PETROLEUM COMPANY  
EXPLORATION AND PRODUCTION

P. O. BOX 30  
CASPER, WYOMING 82602

April 10, 1984  
WHW #36

Mr. Frank Snell  
Bureau of Land Management  
2370 South 2300 West  
Salt Lake City, UT 84119

RE: Preliminary Environmental Review  
Christmas Creek Unit  
Summit County, Utah

Dear Mr. Snell:

Sohio Petroleum Company request that the Preliminary Environmental Review be completed for the following locations:

- ✓ Christmas Creek 26-15, SW/4 SE/4 Sec. 26-T2N-R10E
- Christmas Creek 35-14, SE/4 SW/4 Sec. 35-T2N-R10E
- Christmas Creek 2-4, NW/4 NW/4 Sec. 35-T1N-R10E

These locations are within the Christmas Creek Unit in the Wasatch National Forest. Archeological surveying has not yet been scheduled due to snow cover.

A meeting has been scheduled for Thursday, April 12, 1984, with all concerned parties to discuss the proposed timetable for these wells and to answer any questions.

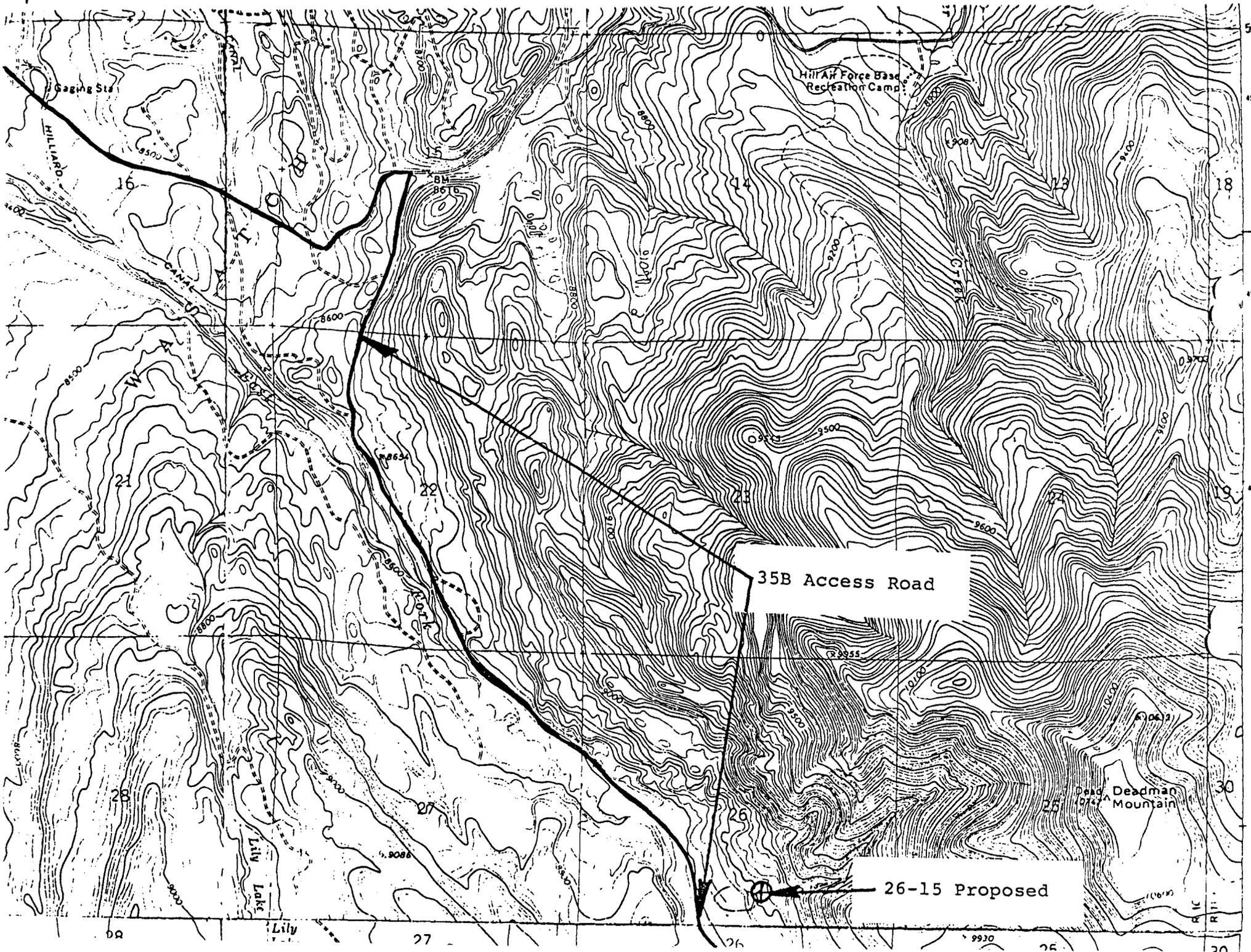
Sincerely,

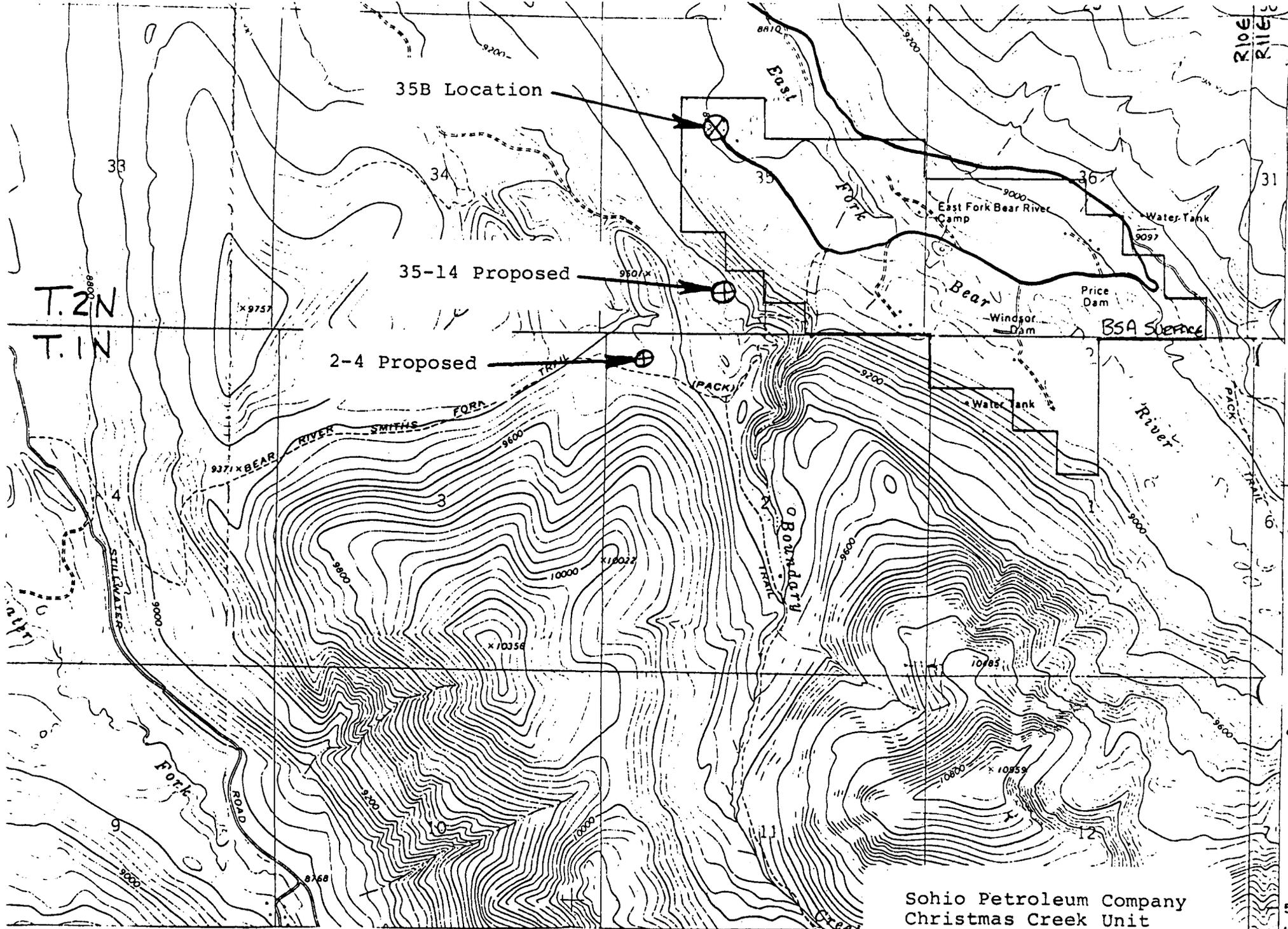
W. H. Ward  
District Manager

TR:ds

cc: ✓ Ron Firth, Division Oil, Gas and Mining }  
Bernard Asay, USFS, Evanston  
J. H. Walters  
E. Werren  
T. Rooney  
File  
Read File

July 50

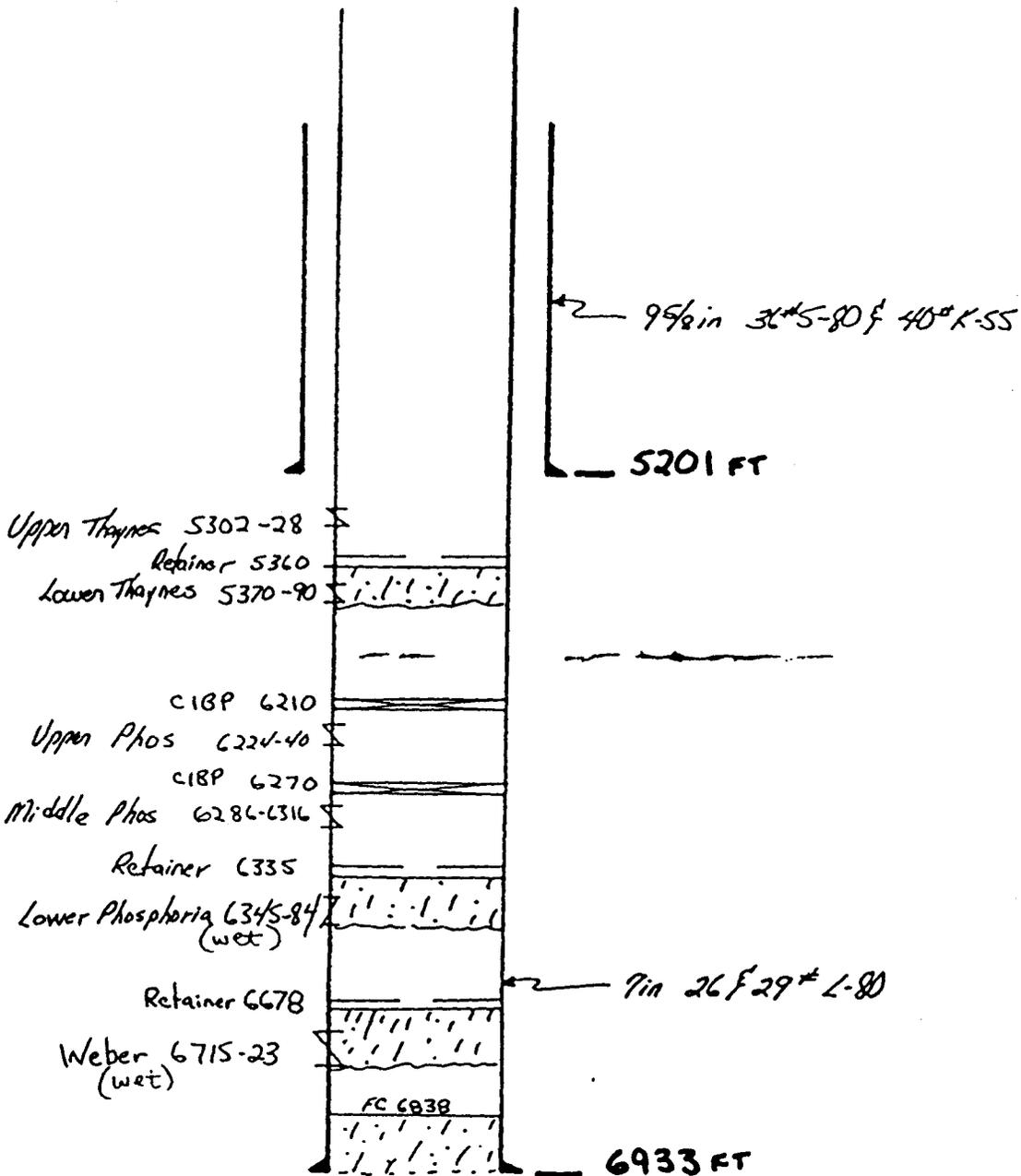




Sohio Petroleum Company  
 Christmas Creek Unit  
 Wasatch National Forest  
 Summit County, Utah



CHRISTMAS CREEK 35B  
July 1984



Christmas Creek

Page 1

3-09-84 Depth 10,272', made 180', Drlg. MW 8.7, Vis 48.  
3-10-84 Depth 10,361', made 89', TIH. MW 8.7, Vis 50.  
3-11-84 Depth 10,566', made 205', Drlg. MW 8.7, Vis 48.  
3-12-84 Depth 10,690', made 124', Drlg. MW 8.7, Vis 47.  
3-13-84 Depth 10,912', made 222', Sur. MW 8.7, Vis 50.  
3-14-84 Depth 10,969', made 57', Trip. MW 8.7, Vis 51.  
3-15-84 Depth 11,068', made 99', Drlg. MW 8.7, Vis 49.  
3-16-84 Depth 11,205', made 137', Drlg. MW 8.7, Vis 49.  
3-17-84 Depth 11,295', made 90', Drlg. MW 8.7, Vis 51.  
3-18-84 Depth 11,480', made 185', Drlg. MW 8.7, Vis 49.  
3-19-84 Depth 11,714', made 234', Drlg. MW 8.7, Vis 46.  
3-20-84 Depth 11,906', made 192', Drlg. MW 8.7, Vis 44.  
3-21-84 Depth 11,995', made 89', TIH. MW 8.8, Vis 49.  
3-22-84 Depth 12,119', made 124', TOH. MW 8.8, Vis 47.  
3-23-84 Depth 12,161', made 41', POOH. MW 8.8, Vis 48.  
3-24-84 Depth 12,225', made 65', TIH. MW 8.8, Vis 48.  
3-25-84 Depth 12,342', made 117', TIH. MW 8.8, Vis 50.  
3-26-84 Depth 12,409', made 67', Drlg. MW 8.8, Vis 53.  
3-27-84 Depth 12,462', made 53', POOH. MW 8.8, Vis 52.  
3-28-84 Depth 12,503', made 41', Drlg. MW 8.8, Vis 49.  
3-29-84 Depth 12,573', made 70', Drlg. MW 8.8, Vis 50.  
3-30-84 Depth 12,656', made 83', Drlg. MW 8.8, Vis 49.  
3-31-84 Depth 12,718', made 62', Drlg. MW 8.8, Vis 48.  
4-1-84 Depth 12,730', made 12', Drlg. MW 8.8, Vis 51.  
4-2-84 Depth 12,795', made 65', R&W to bottom. MW 8.8, Vis 47.  
4-3-84 Depth 12,890', made 95', TOH. MW 8.8, Vis 48.  
4-4-84 Depth 12,948', made 58', Drlg. MW 8.9, Vis 49.  
4-5-84 Depth 13,035', made 87', RTB at 11950'. MW 8.8, Vis 49.  
4-6-84 Depth 13,047', made 12', Work stuck pipe. MW 8.8, Vis 49.  
4-7-84 Depth 13,047', made 0', TOH. MW 8.8, Vis 49.  
4-8-84 Depth 13,047', made 0', TOH. MW 8.8, Vis 58.  
4-9-84 Depth 13,055' (correction). 0' made. Logging.  
MW 8.8, Vis 58.

Christmas Creek

4-10-84 Depth 13,055'. Logging.  
4-11-84 Depth 13,055'. Running Dipmeter.  
4-12-84 Depth 13,055'. C&C for VSP.  
4-13-84 Depth 13,055'. Running VSP.  
4-14-84 Depth 13,055'. Running VSP.  
4-15-84 Depth 13,055'. GIH OE to spot plugs.  
4-16-84 Depth 13,055'. WOC.  
4-17-84 PBSD 6,927'. Rig Repair.  
4-18-84 PBSD 6,933'. Cmtg., now WOC.  
4-19-84 PBSD 6838'. RD RT.  
4-20-84 PBSD 6838'. RD RT.  
4-21-84 PBSD 6838'. RDRT.  
4-22-84 PBSD 6838'. RD & MO RT.  
4-23-84 PBSD 6838'. MO Rig.  
4-24-84 MO Rig.  
4-25-84 Finish MO rig. Blading & repairing road.  
4-26-84 Continue work on road & draining location.  
4-27-84 Completed road repairs.  
4-28-84 Cleared snow. Road ready to rock.  
4-29-84 Building pad, hauling rock & fill.  
4-30-84 Continued location repair & pad construction.  
5-1-84 RU Pride WS. Set & tested deadmen. Install tbq. hanger & test to 5000 psi. Prep to NU BOP.  
5-2-84 NU BOP. Test tbq. hanger, rams & TIW valves to 5000 psi. Unload tbq. GIH w/6" bit, csg. scraper & tbq. to 6803'. RU power swivel. Wash to float collar @ 6838'. Displace hole w/260 bbl. 2% KCl wtr. TOH to log.  
5-3-84 TOH w/tbq. RU Schlumberger. Pressure csg. to 1000#, rerun GR-CBL. Bond good up to 5600', fair 5600-5300, no bond 5400-5350, fair 5335-50, no bond 5335 to 5200, partial 5200-5150, no bond above 5150'. Rerun w/pressure of 1000#. Helped bond 5600-5400, elsewhere no help. RD Schlumberger. PU Howco RTTS, run to 6449', set RTTS, test csg. on back side to 2000#, held 15 min., OK. RU swab, swab tbq. to 6000', WO daylight. Now GIH w/OWP 2-1/8 HSC gun to perf Weber 6716-6724', 16 shots 2/ht.

**CONFIDENTIAL**

### Phosphoria

1. RU pulling unit. Clean out to below 6750'.
2. Run in hole and set pkr. at approx. 6650'.
3. Run in hole with a 2-1/8" thru tubing gun and perforate from 6716'-24'.
4. Swab test well to obtain a water sample representative of the formation.
5. Set cement retainer at 6700' and squeeze.
6. Set BP at approx. 6450' and pkr. at approx. 6200'.
7. Perforate from 6345'-6355' and 6368'-6374'. Swab test to determine productivity.
8. If stimulation is required, perform an acid cleanup with 2500 gallons of 15% cleanout acid. Swab test and determine productivity.
9. Reset RBP at 6330' and RTTS at approx. 6100'.
10. Perforate 6286'-6316'.
11. If required, break down with 2500 gallons of 15% cleanout acid.
12. Reset BP at 6270, RTTS at approx. 6050'.
13. Perforate 6224'-6240'. Swab test.
14. If required, acidize with 1500 gallons of 15% cleanout acid and divert.
15. Productive intervals will be evaluated for additional stimulation and acid fraced if required. Phosphoria will then be tested over an extended length of time.

### Thaynes

1. Set RBP at approx. 5450' and pkr. at approx. 5200'.
2. Perforate 5370'-5390'. Swab test.
3. If required, acidize with 2000 gallons of 15% cleanout acid. Swab test.
4. Latch onto RBP and reset at 5350'. Set pkr. at 5100'.
5. Perforate 5302'-5330'. Swab test.
6. If required, acidize with 3000 gallons of 15% cleanout acid. Swab test.
7. Productive intervals to be evaluated for additional stimulation and acid fraced, if required.

**CONFIDENTIAL**

Christmas Creek 35-B  
Short Well History  
May 4, 1984 - November 2, 1984

- 05/04/84 Perf Weber 6715-23' @ 2 SPF. RU to Swab. Recovered 257 bw in 10 hr. Release RTTS & POH. Ran EZ drill pkr on tbg & set @ 6678'.
- 05/05/84 Sting into retainer. Class H neat. Squeezed to 1500 psi, reverse 2 bbl cmt. Set RBP @ 6460'. Set RTTS @ 6200'. Perforate Lower Phosphoria 6345 - 55' and 6368-84' @ 1 SPF. Commence Swab.
- 05/06/84 Continue Swab Test. Recovered 85.4 bbl formation wtr. No show of oil.
- 05/07/84 Released RTTS & release RBP & POH. Set EZSV retainer @ 6335'. Mix 25 sx Class H neat. Squeeze to 3300 psi. Reverse 1 bbl cmt. POH. Set RTTS @ 6082'.
- 05/08/84 Swab tbg. dn. to 4000'. Perf Phosphoria 6286'-6318' @ 1 SPF. RU to Swab. Recovered 2.16 bo and 12.64 bw.
- 05/09/84 Treat Phosphoria perms w/500 gal 15% HCL, 75# benzoic acid pill, and 2000 gal 15% HCL 2/175# benzoic acid flakes distributed throughout. Initial rate 1.2 bpm w/2950 psi. Broke to 2670 psi when acid hit perms. Flush bottom perf w/2% KCl wtr. at 3.5-4 bpm at 2850 psi. ISIP - 2140 psi. 15 min. - 240 psi. Total load is 107 bbl. RU to swab. Recovered 45.2 and 144.4 bw. Oil gravity is 30 deg. at 70 deg. F.
- 05/10/84 Resume Swabbing. Recovery for the day was 197.9 bo and 39.5 bw. Cum recovery is 243.1 bo and 183. bw.
- 05/11/84 Ran tandem pressure bombs and softset in Baker F nipple. Left well SI 1 hr. and commenced swabbing. Recovery for the day was 354.8 bf in 10-1/2 hr. Shut well in for buildup.
- 05/12/84 POH w/bombs, run BH sampler, SI BHP - 12 hrs. - 2288 psi.
- 05/13/84 Made 27 swab runs Rec 481 bf. (62% wtr. and 38% oil).
- 05/14/84 Swab 21 runs recovering 317 bf, 41% oil and 59% wtr.
- 05/15/84 Swab 373 bf in 22 runs w/avg oil cut of 40%. Release pkr & reverse out 40 bf. POH. Set RBP @ 6270'. Swab tbg down to 5000'.
- 05/16/84 Perforate Upr Phosphoria 6224 -40' w/4 SPF. RU to swab. Recovered 84.5 bf in 10 runs over a 4-1/2 hr. period.
- 05/17/84 Continue swabbing. Recovered 341.1 bf in 24 runs. Oil cut for final 10 runs was 60%. Oil gravity was 29° at 45° F.
- 05/18/84 Continue swabbing. Recovered 269 bf in 21 runs over a 10 hr. period. Oil cut 33-44% w/ 5-11% emulsion. Oil gravity measured @ 27.4° @ 60°F.

Christmas Creek 35-B History

Page 2

May 4, 1984- November 2, 1984

- 05/19/84 Continue swabbing. Recoverd 304.2 bf in 19 runs over a 12 hr. period. Oil cut ranges from 28-50%.
- 05/20/84 Recovered 104.8 bf in 7 runs over a 3 -1/3 hr period. Release pkr. Latch and release RBP. POH. Set CIBP @ 6270' w/1 sk cmt. Set CIBP @ 6210' w/1sk cmt. Set RBP @ 5671'. Set pkr @ 5189'.
- 05/21/84 Swab down to 4060'. Perforate Lower Thaynes 5370 - 5390' @ 4 SPF. RU to swab. MAde 18 runs in 7 hrs. recovering 214.2 bf. First oil showed up on run #7 @ 1%. Oil cut on last run was 10%.
- 05/22/84 Continue swabbing. Recovered 332.4 bf in 13-2/3 hr with 31 swab runs. Oilcut was 15-18% over the second half of the day.
- 05/23/84 Continue swabbing. Recovered 248.5 bf in 28 runs over a 12 hr. period. Oil cut remained at 15-18% with .2 - .4 BS. Cum recovery from this zone is 82.57 bo & 498.33 bw. Oil gravity 33° API @ 60° F.
- 05/24/84 Recovered 56.9 bf in 6 swab runs over a 2 - 1/2 hr period. Oil cut on last run was 20% w/.4% BS. Cum recovery from this zone is 93.15 bo & 544.65 bw. Release pkr. Release RBP & POH. Set EZSV retainer @ 5360'. TIH w/tbg & stinger. Establish injection @ 3 bpm w/ 800 psi. No circulation out 9-5/8" X 7" annulus. Mix 50 sx Class H neat. Spot in tbg w/18.5 bbl wtr 7 sting in retainer. Pump 12 bw with initial rate of 3 bpm w/300 psi. Stop pumping when pressure reached 900 psi @ 1/4 bpm. Sting out & reverse 4 bbl cmt. POH. Ran & set pkr @ 5094'. Swab tbg to 4000'.
- 05/25/84 Perf'd Thaynes 5302-5330' w/2-1/8" HSC @ 4 SPF. RU to swab. Swabbed 281.6 bf in 24 runs over a 10 1/2 hr period. Oil cut increased from 20% on the 2nd run to 98+% on Run 24. Oil gravity is 35° @ 60° F. Breakdown on recovery is 247.9 bo and 33.7 bw.
- 05/26/84 Continue swabbing. Swabbed 147.8 bf in 4 1/3 hr in 11 runs w/avg oilcut of 99.2%. Ran & set tandem pressure bombs in 'F' nipple at 5104'. Resume swabbing. Swabbed 211.7 bf in 6 1/4 hr in 16 runs w/avg oil cut of 99.3%. Shut well in for buildup. Cum recovery from this zone is 604.7 bo and 36.5 bw.
- 05/27/84 Pulled pressure bombs. BHP was 1831 psig after 13 hr 21 min and building at approx. 1 psi/hr.
- 05/28/74 Release pkr. and POH. Re-perforate upper Thaynes 5302 - 30' w/ a 4" HSC gun, 4 SPF w/90° phasing. Ran tbg & pkr. Set pkr @ 5094'. RU to swab. Recovered 171.2 bf in 12 runs over a 6 hr period. Oil cut was 97% on final runs.
- 05/29/84 Resume swabbing. Recovered 407.57 bf in 25 runs over a 12 1/2 hr period. Working fluid level 1500-1800 from surf. Avg oil cut over the day was 97.3%.

Christmas Creek 35-B

Page 3

May 4, 1984 - November 2, 1984

- 05/30/84 Resume swabbing. Recovered 315.65 bbl in 20 runs over a 10 hr period. Oil cut average 96% over second 5 hrs. Ran and set pressure bombs in 'F' nipple at 5104'. Resume swabbing. Recovered 88.51 bbl in 7 runs over a 2 1/4 hr period. Working fluid level 2400' from surface. Oil cut 92% by grind out on final run. Shut well in for pressure buildup.
- 05/31/84 Pulled BHP bombs. Unseated packer and reversed oil to tanks. Reset pkr. NU tbg head. Tested annulus and packer to 500 psi.
- 06/01/84 Rigged down & moved out pulling unit. BHP survey showed pressure of 1823 psi @ 5092 after 17.6 hr buildup. BHT was 94° F.

Simulation of Fluid Recovery By Zone

Zone-Perfs	Fluid Rec		Hrs Swabbed	Load
	BO	BW		
Weber 6715-23		257	10	6.4
Lwr Phos 6345-55& 6368-84'		110.4	15 1/4	25.0
Mid Phos 6286-6316	2.16 795.52	12.64 1079.88	10 59	11.58* 107.00+
Upr Phos 6224-40	399.52	763.2	44	14.5
Lwr Thaynes 5370-90	93.15	544.65	35 1/4	14.6
Upr Thaynes 5302-30	1521.65	102/38	45 1/2	42.4

\*Before Acid  
+After Acid

- 06/02-19/84 Repair road and prepare location for production equipment.
- 06/20/84 Start tank construction. Move in & rig up WS rig. Release pkr, POH w/ 163 jts 2 7/8" tbg
- 06/21/84 Ran Centrilift pump w/pump intake @ 5074'. NU well heads
- 06/22/84 Work on electrical hookup and battery equipment.
- 06/23/84 Finish electrical hookup & test. Start up pump, well pump up in 7 minutes.

Christmas Creek 35-B Well History

Page 4

May 4, 1984 - November 2, 1984

06/24/84 Start pump test. Pumped 407.4 bf in 7 hr.

06/25/84 Continue pump test at avg. rate of 700 bpd. Oil cut dropped from 99% to 92% in 21 hr.

06/26/84 Pump output below normal rating. POH w/tbg and LD pump.

06/27/84 Run Baker Hydrostatic bailer on tbg to 5350'. Recover 6 bbl fluid & solids (SS & LS particles, small amt LC material & perf gun debris).

06/28/84 TIH w/ Centrilift pump, Pump intake 5077. Start at 4 PM 6/27/84. Total fluid produced 425 bf in 15 hrs.

06/29/84 611.2 bbls total fluid produced in 22 hrs.

06/30/84 Pumped 683.8 bbl fluid in 25 hrs.- 26.3 BF/hr, avg wtr cut 31.3

07/01/84 Pumped 657.4 bbl fluid in 25 hrs - 26.3 bf/hr, avg wtr cut 38.1%.

07/02/84 Pumped 594.1 bbl fluid in 24 hrs - 24.8 bf/hr avg wtr cut 39.6%.

07/03/84 Pumped 623 bf in 24 hr. Water cut incr to 59%.

07/04/84 Pump 27.75 bf/hr in 12 hrs. Avg wtr. cut 66.7%.

07/05/84 Pump 28.5 bf/hr for 24 hrs. Avg wtr. cut 63.8%.

07/06/84 Pump 595.7 bf/hr in 23 hrs. Avg wtr cut 69%.

07/07/84 Pump 25.7 bf/hr. Avg wtr cut 69.

07/08/84 Pump 26.2 bf/hr. Avg wtr cut 69.2%.

07/09/84 Ave 24.6 bf/hr, wtr cut 71%, Shut Down to hook up flow line and complete tank battery tie in.

07/10/84 Shut in for battery completion.

07/11/84 Shut in for battery hookup.

07/12/84 Start up. Pump 146 bf in 14 hr. Water cut increased to 92%.

07/13/84 Pump 20 bo & 135 bw in 20 1/2 hr. Water cut 72%.

07/14/84 Total produced was 43 bo and 103 bw in 24 hrs.

07/15/84 Total produced was 51 bo and 117 bw in 24 hrs. Measured oil gravity - 37.6° @ 60°F.

Christmas Creek 35-B Well History

Page 5

May 4, 1984 - November 2, 1984

07/16/84 Total produced was 53 bo and 125 bw in 24 hrs.

07/17/84 Total production was 52 bo and 143 bw in 24 hrs.

07/18/84 Shut well down, treater malfunction.

07/19/84 Repair treater.

07/20/84 Start pump. Shut down pump. Treater still malfunctioning.

07/21/84 Repair treater.

07/22/84 Start pump. Pump 199 bo and 359 bw in 20.7 hrs.

07/23/84 Total production 162 bo and 388 bw in 24 hr. Avg. wtr. cut 70.5%.

07/24/84 Pump 256 bo and 625 bw. 71 % wtr.

07/25/84 Pump 196 bo and 852 bw, 81 % wtr.

07/26/84 Production was 170 bo and 779 bw in 24 hr. w/avg. wtr. cut of 82%.

07/27/84 Production was 134 bo and 681 bw in 24 hr. Avg wtr cut - 84%.

07/28/84 Production was 94.5 bo and 501.5 bw in 18 1/2 hr. Pump going down on overload.

07/29/84 Check out panel and generator. Problem is downhole. Left well shut down.

07/30/84 Well down.

07/31/84 Well down.

08/01/84 Well Down. Tank batter installation & dirtwork is complete.

08/02/84 Rig up pulling unit. TOH w/ pump.

08/03/84 Run GR & Temp log. Tag 5343-15' fill. TIH w/ Baker Hydrostatic bailer, clean out to 5355, run pkr on 75 stds, set at 4660. Run temp log and pump in tracer, pump 1/2 - 3/4 BPM 1000#, majority of fluid enter Perfs 5310-5320'. Tracer & Temp logs show no channel up or down.

08/04/84 Release pkr and POH. Ran pump equipment on 162 jts - 2 7/8" tbg. Set pump @ 5076'. NU wellhead. RD pulling unit. Start pump @ 5 PM 8/3/84. Pumped 43.35 bo & 316.65 bw in 13 hr - 84% wtr.

08/05/84 Pumped 61 bo and 524 bw in 24 hr. Avg wtr cut 89%.

Christmas Creek 35-B Well History

Page 6

May 4, 1984 - November 2, 1984

08/06/84 Pumped 42 bo and 245 bw in 14 hr. Avg wtr cut 85%. Generator down.

08/07/84 Start pump. Pumped 87 bo and 401 bw in 22 hrs. Avg wtr cut 82%.

08/08/84 Pumped 81 bo and 419 bw in 24 hrs. Avg wtr cut 84%.

08/09/84 Pumped 75 bo and 402 bw in 24 hrs. Avg wtr cut 84%.

08/10/84 Pumped 67 bo and 398 bw in 24 hr. Avg wtr cut 85%.

08/11/84 Pumped 68 bo and 391 bw in 24 hr. Avg wtr cut 85%.

08/12/84 Shut well in at 4 pm 8-11-84.

08/13-24/84 Well Shut in.

08/25/84 Start up 4 pm 8/24/84. Pump 123 bo, 378 bw, 75% wtr.

08/26/84 80 bo and 249 bw 76% wtr.

08/27/84 99 bo and 355 bw 78% wtr.

08/28/84 85 bo and 365 bw 81% wtr.

08/29/84 81 bo and 348 bw 81% wtr.

08/30/84 68 bo and 359 bw 84% wtr.

08/31/84 68 bo and 357 bw 84% wtr.

09/01/84 65 bo and 337 bw 84% wtr.

09/02/84 60 bo and 347 bw 85% wtr.

09/03/84 54 bo and 367 bw 87% wtr.

09/04/84 55 bo and 367 bw 87% wtr.

09/05/84 54 bo and 348 bw 87% wtr.

09/06/84 54 bo and 338 bw 86% wtr.

09/07/84 47 bo and 318 bw 87% wtr.

09/08/84 46 bo and 317 bw 87% wtr.

09/09/84 46 bo and 318 bw 87% wtr.

09/10/84 49 bo and 320 bw 87% wtr.

Christmas Creek 35-B Well History

Page 7

May 4, 1984 - November 2, 1984

09/11/84 47 bo and 313 bw, 87% wtr.  
09/12/84 46 bo and 313 bw, 87% wtr.  
09/13/84 46 bo and 325 bw, 88% wtr.  
09/14/84 46 bo and 326 bw, 88% wtr.  
09/15/84 46 bo and 323 bw, 88% wtr.  
09/16/84 46 bo and 324 bw, 88% wtr.  
09/17/84 43 bo and 324 bw, 88% wtr.  
09/18/84 118 bo and 600 bw, 84 % wtr.  
09/19/84 84 bo and 598 bw, 88% wtr.  
09/20/84 Down for panel repairs.  
09/21/84 Well back on 9 am 9/20/84.  
09/22/84 Pumped 68 bo and 520 bw in 20 hrs, 88% wtr.  
09/23/84 Pumped 83 bo and 665 bw, 89% wtr.  
09/24/84 Pumped 74 bo and 632 bw, 89% wtr.  
09/25/84 Pumped 54 bo and 452 bw, 89% wtr.  
09/26/84 Well down 24 hrs.-replacing generator.  
09/27/84 Replaced generator, start up at 9:45 am 9/26/84  
09/28/84 Pumped 79 bo and 639 bw, 88% wtr.  
09/29/84 Pumped 81 bo and 609 bw, 88% wtr.  
09/30/84 Pumped 76 bo and 612 bw, 89% wtr.  
10/01/84 PUMped 60 bo and 554 bw in 23 hrs, 90% wtr.  
10/02/84 Pumped 13 bo and 161 bw in 8 hrs (generator down 16 hrs.)  
10/03/84 Pumped 68 bo and 633 bw in 24 hrs, 91% wtr.  
10/04/84 PUMped 66 bo and 571 bw in 24 hrs, 90%wtr.  
10/05/84 Pumped 61 bo and 584 bw, 91% wtr.

Christmas Creek 35-B Well History

Page 8

May 4, 1984 - November 2, 1984

10/06/84 Pumped 60 bo and 593 bw, 91% wtr.  
10/07/84 Pumped 59 bo and 580 bw, 91% wtr.  
10/08/84 Pumped 60 bo and 593 bw, 91% wtr.  
10/09/84 Pumped 54 bo and 562 bw, 91% wtr.  
10/10/84 Pumped 60 bo, 566 bw, 91% wtr.  
10/11/84 Pumped 60 bo and 572 bw, 91% wtr.  
10/12/84 Pumped 35 bo and 465 bw, 93% wtr.  
10/13/84 Pumped 50 bo and 578 bw, 92% wtr.  
10/14/84 Pumped 50 bo and 539 bw, 92% wtr.  
10/15/84 Pumped 49 bo and 524 bw, 91% wtr.  
10/16/84 Pumped 46 bo and 500 bw, 92% wtr.  
10/17/84 Pumped 49 bo and 508 bw, 91% wtr.  
10/18/84 Pumped 49 bo and 523 bw, 91% wtr.  
10/19/84 Pumped 46 bo and 525 bw, 92% wtr.  
10/20/84 Pumped 41 bo and 508 bw, 92% wtr.  
10/21/84 Pumped 46 bo and 503 bw, 92% wtr.  
10/22/84 Pumped 46 bo and 494 bw, 91% wtr.  
10/23/84 Pumped 46 bo and 520 bw, 92% wtr.  
10/24/84 Pumped 46 bo and 511 bw, 92% wtr.  
10/25/84 Pumped 44 bo and 497 bw, 92% wtr.  
10/26/84 Pumped 38 bo and 501 bw, 93% wtr.  
10/27/84 Pumped 39 bo and 446 bw, 92% wtr.  
10/28-29/84 Down 24 hrs--repair generator.  
10/30/84 Pumped 52 bo and 518 bw, 91% wtr.  
10/31/84 Pumped 50 bo and 506 bw, 91% wtr.

Christmas Creek 35-B Well History

Page 9

May 4, 1984 - November 2, 1984

11/01/84 Pumped 49 bo and 501 bw, 91% wtr.

11/02/84 Pumped 46 bo and 521 bw, 92% wtr.

FINAL REPORT

Well History Christmas Creek 35-B Cont'd  
Page -2-

Set CIBP @ 6210 w/ 1 sx Cement. Perforated Thaynes 5370-5390'.  
Swab tested. Set EZSV retainer @ 5360': Squeeze perfs 5370-90'  
with 50 sx Class H. Perf Thaynes 5302-5330'. Swab tested.  
Ran pump.

Swab Test Summary:

<u>Perfs</u>	<u>Hrs. Tested</u>	<u>Recovery</u>
6715-23'	10	100% Water
6345-84'	15 1/4	100% Water
6286-316'	69	45 % Oil, 55% Water
6224-40'	44	35% Oil, 65% Water
5370-90'	35 1/4	15% Oil, 85% Water
5302-30'	45 1/2	96% Oil, 4% Water

Well History Christmas Creek 35-B Cont'd  
Page -2-

Set CIBP @ 6210 w/ 1 sx Cement. Perforated Thaynes 5370-5390'.  
Swab tested. Set EZSV retainer @ 5360': Squeeze perfs 5370-90'  
with 50 sx Class H. Perf Thaynes 5302-5330'. Swab tested.  
Ran pump.

Swab Test Summary:

<u>Perfs</u>	<u>Hrs. Tested</u>	<u>Recovery</u>
6715-23'	10	100% Water
6345-84'	15 1/4	100% Water
6286-316'	69	45 % Oil, 55% Water
6224-40'	44	35% Oil, 65% Water
5370-90'	35 1/4	15% Oil, 85% Water
5302-30'	45 1/2	96% Oil, 4% Water



SOHIO PETROLEUM COMPANY  
EXPLORATION AND PRODUCTION

P. O. BOX 30  
CASPER, WYOMING 82410

RECEIVED

APR 23 1984

April 16, 1984  
WHW: 60

DIVISION OF OIL  
GAS & MINING

Ron Firth  
Division Oil Gas and Mining  
4241 State Office Building  
Salt Lake City, UT 84114

Re: Request for Confidentiality

Dear Sir:

It is requested that confidentiality be maintained for the maximum allowable time period on proprietary information submitted for the following drill sites in Rich and Summit Counties, Utah:

- 1) Christmas Creek 35-B (Fee)  
Section 35, T2N, R10E, Summit County
- 2) Birch Creek 14B U25112  
Section 14, T9N, R6E, Rich County
- 3) Sugarloaf 11-6 U29126  
Section 11, T10N, R6E, Rich County

From this date on, all such information (i.e. geologic tops, logs, DST results and core analyses) will be appropriately marked prior to submittal to your office. Please contact this office with any questions or comments.

Sincerely,

W.H. Ward  
District Manager

*R* TR/jc

cc: J.H. Walters  
T. Rooney (3)  
Files

**STATE OF UTAH**  
 DEPARTMENT OF NATURAL RESOURCES  
 DIVISION OF OIL & GAS CONSERVATION  
 4241 STATE OFFICE BUILDING  
 SALT LAKE CITY, UTAH 84114  
 533-5771

State Lease No. U27663  
 Federal Lease No. NA  
 Indian Lease No. NA  
 Fee & Pat. NA

**REPORT OF OPERATIONS AND WELL STATUS REPORT**

STATE Utah COUNTY Summit FIELD/LEASE Christmas Creek 35-B

The following is a correct report of operations and production (including drilling and producing wells) for the month of:  
April, 19 84

Agent's Address \_\_\_\_\_  
P.O. Box 30  
Casper, WY 82602  
 Phone No. 307-237-3861

Company Sohio Petroleum Company  
 Signed [Signature]  
 Title District Administrator

Sec. and % of %	Twp.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (In thousands)	Gallons of Gasoline Recovered	Barrels of Water (If none, so state)	API NUMBER/REMARKS (If drilling, depth; If shut down, cause; date and result of test for gasoline content of gas)
Sec. 35 SE NW	2N	10E	1	Drilling						TD: 13,055'  API# 43-043-30240  JUL 30 1984
<b>CONFIDENTIAL</b>										

**GAS: (MCF)**  
 Sold 0  
 Flared/Vented 0  
 Used On/Off Lease 0

**OIL or CONDENSATE: (To be reported in Barrels)**  
 On hand at beginning of month 0  
 Produced during month 0  
 Sold during month 0  
 Unavoidably lost 0  
 Reason: 0  
 On hand at end of month 0

**DRILLING/PRODUCING WELLS:** This report must be filed on or before the sixteenth day of the succeeding month following production for each well. Where a well is temporarily shut-in, a negative report must be filed. **THIS REPORT MUST BE FILED IN DUPLICATE.**

Note: The API number must be listed on each well.

RECEIVED

Form 9-331  
Dec. 1973

CONFIDENTIAL

Budget Bureau No. 42-R1424

APR 23 1984

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

DIVISION OF OIL  
GAS & MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or perforate a different reservoir. Use Form 9-331-C for such proposals.)

CONFIDENTIAL

1. oil well  gas well  other

2. NAME OF OPERATOR  
SOHIO PETROLEUM COMPANY

3. ADDRESS OF OPERATOR  
P.O. BOX 30, CASPER, WYOMING 82602

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 1841' FWL, 1918' FNL (SE/4,NW/4)  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>		<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>		<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>		<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>		<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>		<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>		<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>		<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>		<input type="checkbox"/>
(other) MONTHLY WELL HISTORY			

5. LEASE FEE

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
N/A

7. UNIT AGREEMENT NAME  
CHRISTMAS CREEK II  
WELL OR LEASE NAME  
CHRISTMAS CREEK

9. WELL NO.  
35-B

10. FIELD OR WILDCAT NAME  
WILDCAT

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
SEC. 35, T2N, R10E

12. COUNTY OR PARISH | 13. STATE  
Summit | Utah

14. API NO.  
43-043-30240

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
8801' GR

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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.)\*

SEE ATTACHED SHEET

MONTHLY HISTORY FOR March 9 thru April 9, 1984

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

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

SIGNED W.H. Ward TITLE District Manager DATE April 18, 1984

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

CONFIDENTIAL

CONFIDENTIAL

STATE OF UTAH

SUBMIT IN TRIPLICATE\* (Other instructions on reverse side)

OIL & GAS CONSERVATION COMMISSION

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 purposes.)

RECEIVED

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. Fee <input checked="" type="checkbox"/>
2. NAME OF OPERATOR Sohio Petroleum Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME NA
3. ADDRESS OF OPERATOR P.O. Box 30, Casper, WY 82602		7. UNIT AGREEMENT NAME Christmas Creek II
4. LOCATION OF WELL (Report location clearly and in accordance with any well log. See also space 17 below.) At surface 1841' FWL, 1918' FNL (SE/4 NW/4)		8. FARM OR LEASE NAME Christmas Creek
14. PERMIT NO. 43-043-30240		9. WELL NO. 35B
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 8801' GR; 8823' KB		10. FIELD AND POOL, OR WILDCAT Wildcat
		11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA Sec. 35, T2N, R10E
		12. COUNTY OR PARISH Summit
		13. STATE Utah

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

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

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

Verbal approval to plug back was received on 4/12/84 from Ron Firth to Ron Auflick, Sohio. Plugs were set 4/15/84 as follows:

- 1) 13000-12800 w/110 sx. Cl. 'G' + .25#/sx. D120.
- 2) 10340-10140 w/110 sx. Cl. 'G'.
- 3) 7213-6915 w/110 sx. Cl. 'A' + .75% D65

The plug was checked and found to be hard cement at 6927' KB. ✓

7" casing (26 & 29# L-80 LT&C) was run from surface to 6933' KB casing measurement and cemented with 350 sx. Cl. 'G'. Bumped plug @ 6:22 a.m. on 4/18/84 and released the rig at 3:30 a.m. on 4-19-84.

Attached for your review is our proposed completion procedure. Completion operations are expected to commence the beginning of May.

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING  
DATE: \_\_\_\_\_  
BY: \_\_\_\_\_

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

SIGNED W.H. Ward TITLE District Manager DATE April 19, 1984

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

Original + 2: Division Oil, Gas & Mining  
cc: Ed Guynn, Salt Lake BLM  
J.H. Walter \*See Instructions on Reverse Side  
T. Rooney  
File

CONFIDENTIAL

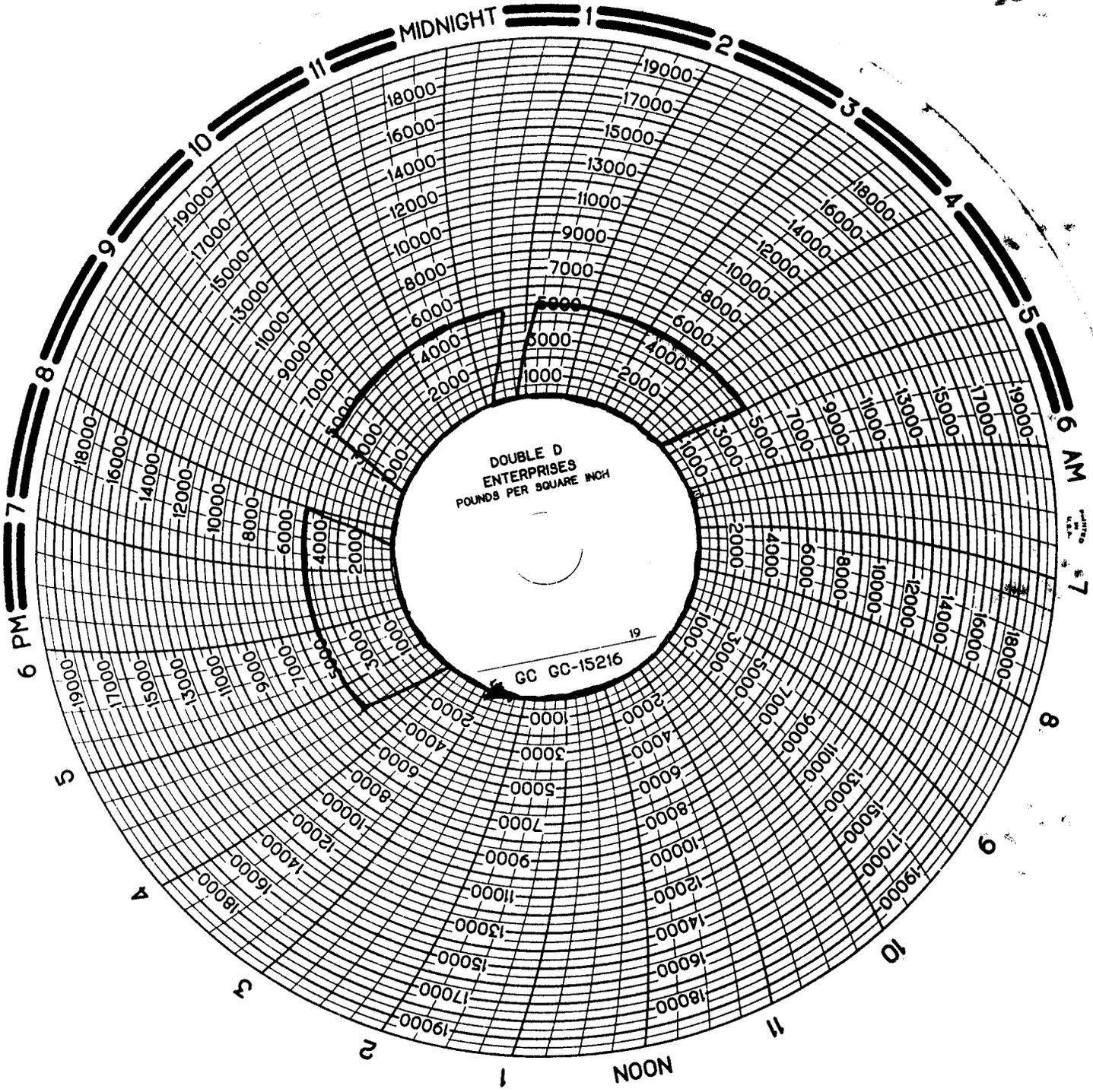
Christmas Creek #35-B

Page 1

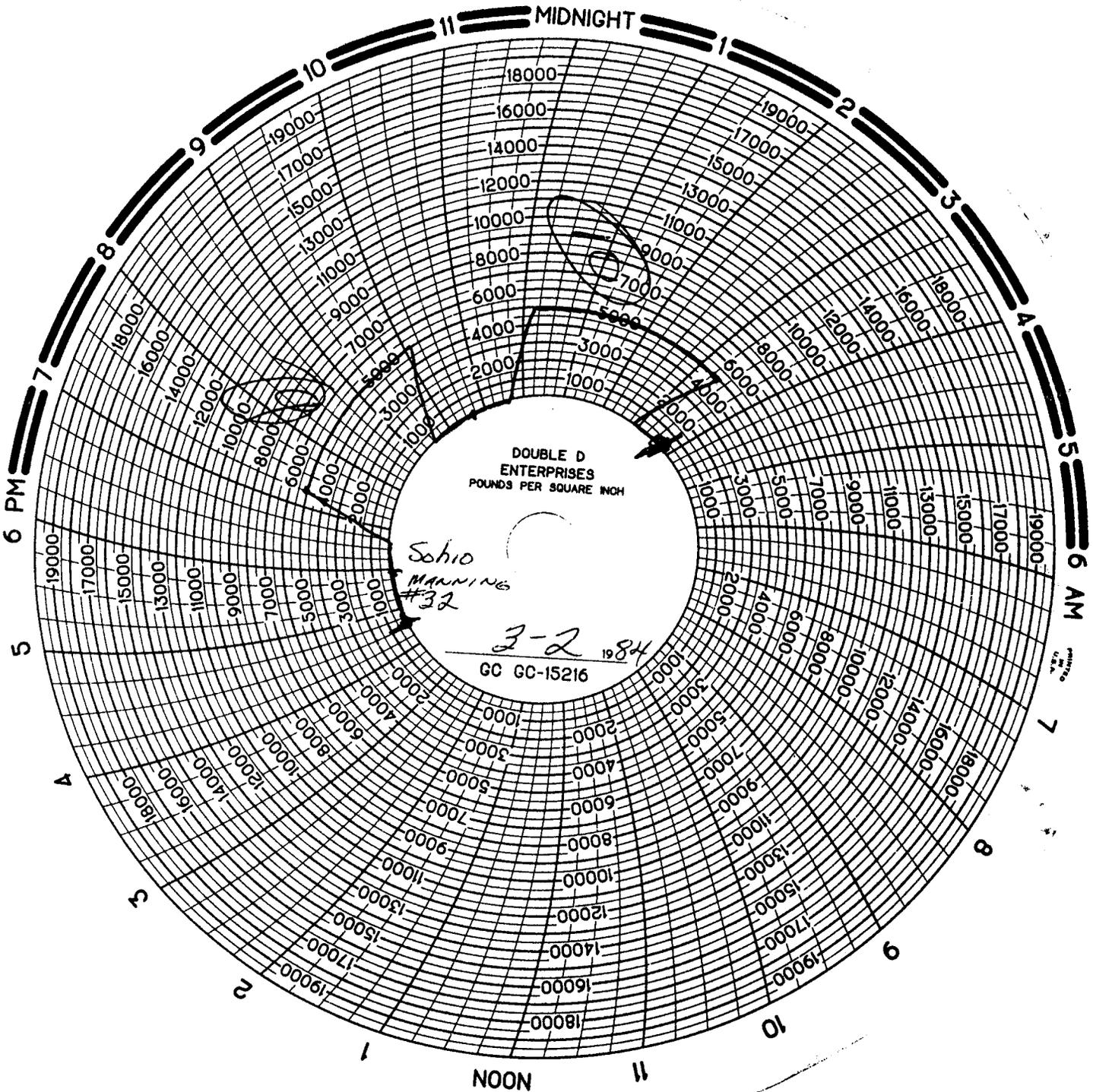
2-01-84 Depth 5203', made 0', NU., Weld on CHH.  
2-02-84 Depth 5203', made 0', Run CBL. MW 8.6, Vis 31.  
2-03-84 Depth 5290', made 87', Drlg., MW 8.6, Vis 35.  
2-04-84 Depth 5333', made 43', WO Day MW 8.7, Vis 42.  
2-05-84 Depth 5345', made 12', Drlg. MW 8.7, Vis 44.  
2-06-84 Depth 5590', made 245', Drlg. MW 8.7, Vis 38.  
2-07-84 Depth 5850', made 260', Drlg. MW 8.7, Vis 36.  
2-08-84 Depth 6133', made 283', Drlg. MW 8.7, Vis 36.  
2-09-84 Depth 6370', made 237', Drlg. MW 8.7, Vis 38.  
2-10-84 Depth 6539', made 169', Drlg. MW 8.7, Vis 39.  
2-11-84 Depth 6821', made 282', Drlg. MW 8.7, Vis 38.  
2-12-84 Depth 6991', made 170', Drlg. MW 8.7, Vis 38.  
2-13-84 Depth 7155', made 164', Drlg. MW 8.7, Vis 37.  
2-14-84 Depth 7301', made 246', Drlg. MW 8.7, Vis 38.  
2-15-84 Depth 7494', made 93', TOH for bit. MW 8.6, Vis 37.  
2-16-84 Depth 7560', made 66' Drlg. MW 8.5, Vis 44.  
2-17-84 Depth 7715', made 155', Drlg. MW 8.6, Vis 36.  
2-18-84 Depth 7810', made 95', Drlg. MW 8.6, Vis 39.  
2-19-84 Depth 8050', made 240', Drlg. MW 8.6, Vis 39.  
2-20-84 Depth 8264', made 214', Trip for Logs. MW 8.7, Vis 40.  
2-21-84 Depth 8264', made 0', Logging.  
2-22-84 Depth 8294', made 32', Drlg., MW 8.7, Vis 39.  
2-23-84 Depth 8445', made 151', TOH., MW 8.7, Vis 38.  
2-24-84 Depth 8482', made 37', Drlg., MW 8.7, Vis 37.  
2-25-84 Depth 8663', made 181', Drlg., MW 8.7, Vis 38.  
2-26-84 Depth 8898', made 235', Drlg. MW 8.7, Vis 47.  
2-27-84 Depth 9054', made 156', POOH, MW 8.8, Vis 48.  
2-28-84 Depth 9137', made 83', Drlg., MW 8.8, Vis 48.  
2-29-84 Depth 9195', made 58', Drlg. MW 8.8, Vis 44.  
3-01-84 Depth 9340', made 145', Drlg., MW 8.8, Vis 50.  
3-02-84 Depth 9514', made 174', Survey. MW 8.8, Vis 52.  
3-03-84 Depth 9549', made 35', Wash to btm @ 9278'. MW 8.8, Vis 51.  
3-04-84 Depth 9652', made 103', Drlg., MW 8.8, Vis 50.  
3-05-84 Depth 9810', made 158', Drlg. MW 8.8, Vis 50.  
3-06-84 Depth 9918', made 108', TIH., MW 8.8, Vis 51.  
3-07-84 Depth 10,004', made 86', Drlg., MW 8.7, Vis 53.  
3-08-84 Depth 10,092', made 88', Sur., MW 8.7, Vis 48.

DOUBLE D  
ENTERPRISES  
POUNDS PER SQUARE INCH

GC GC-15216



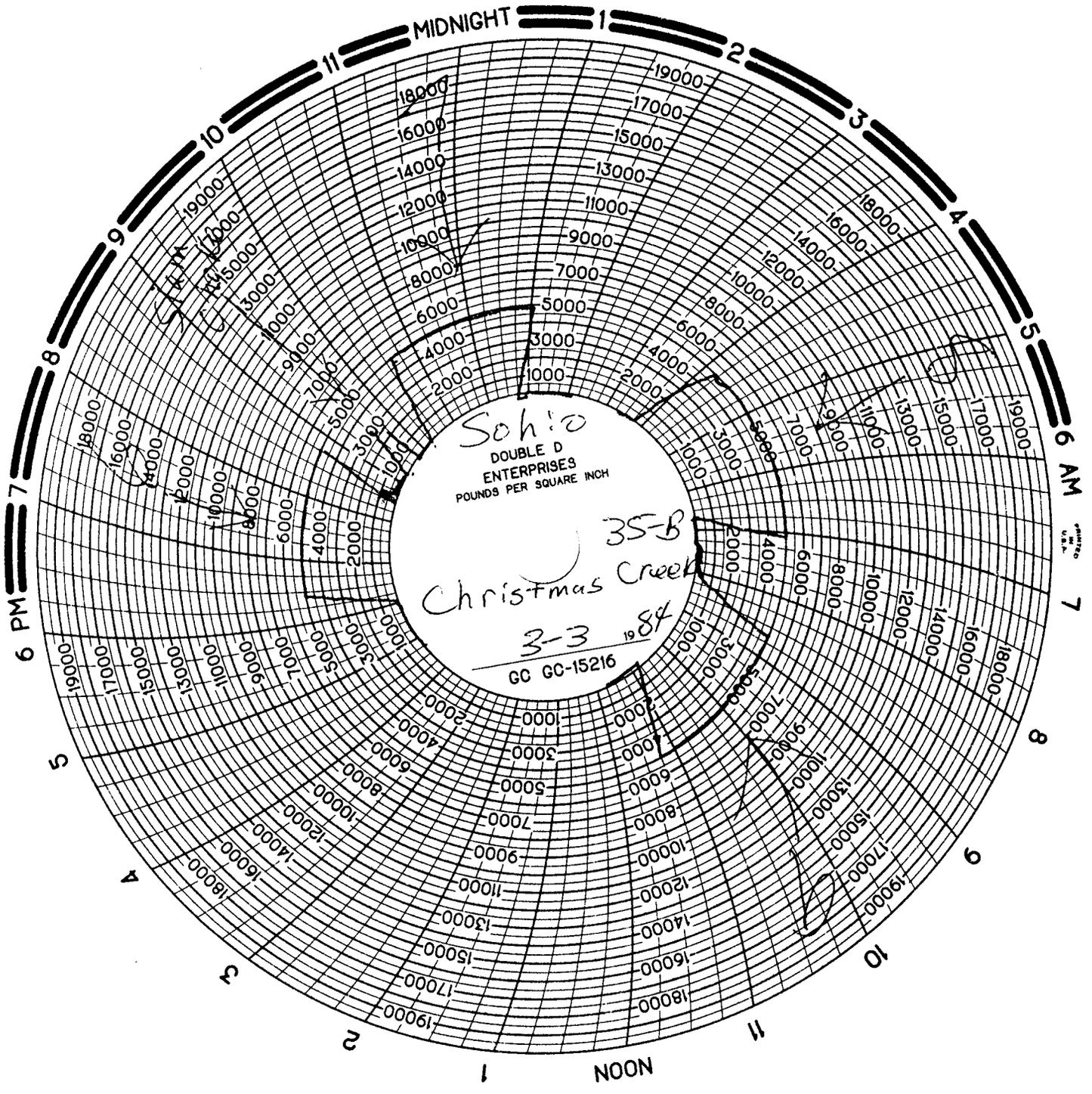


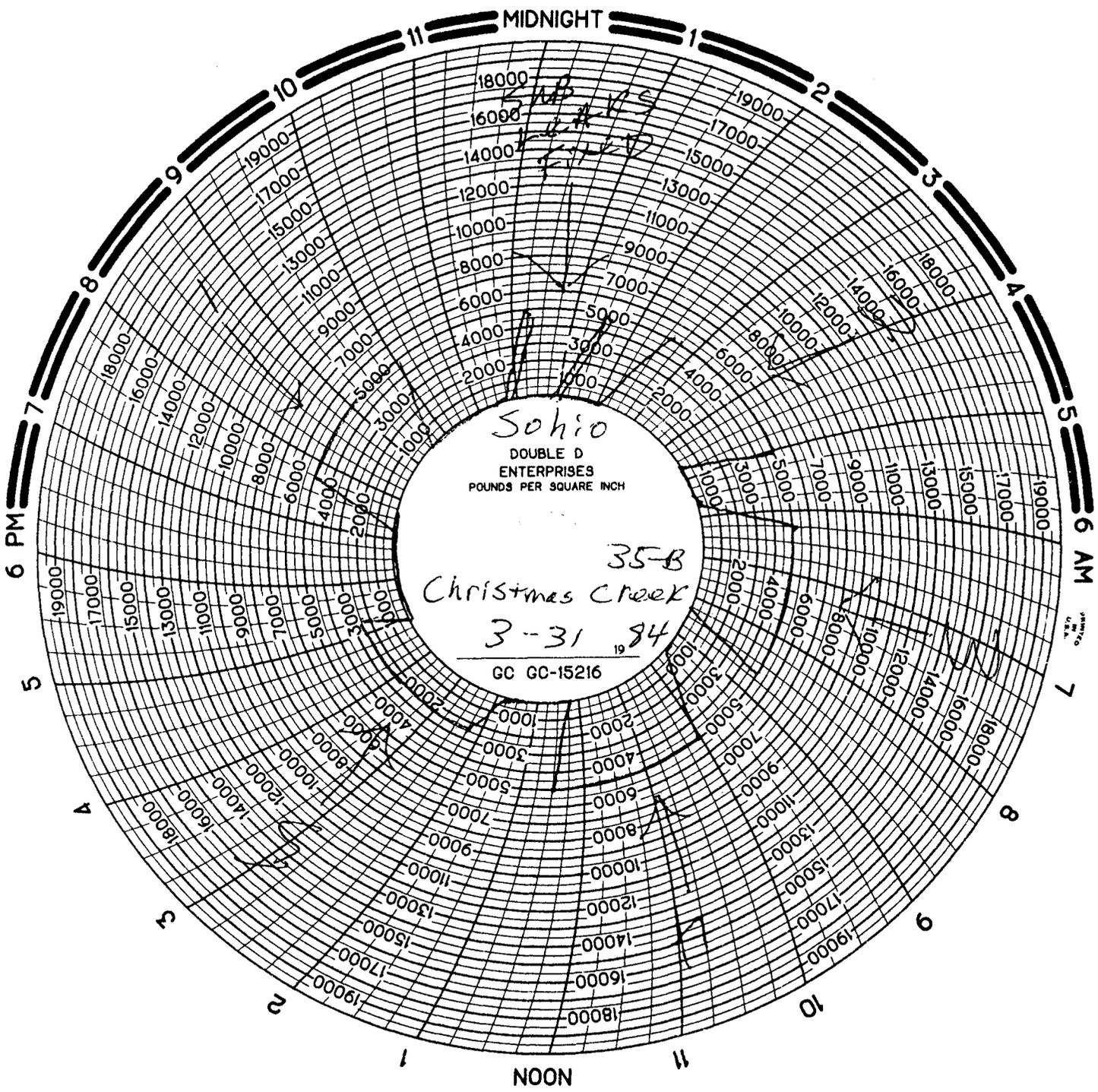


DOUBLE D  
ENTERPRISES  
POUNDS PER SQUARE INCH

Schio  
MANNING  
#32

3-2 1984  
GC GC-15216





MIDNIGHT

18000  
16000  
14000  
12000  
10000  
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6000  
4000  
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Sohio  
DOUBLE D  
ENTERPRISES  
POUNDS PER SQUARE INCH

35-B  
Christmas Creek  
3-31 1984

GC GC-15216

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RECEIVED

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

MAY 7 1984

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different formation. Use Form 9-331-C for such proposals.)

DIVISION OF OIL  
GAS & MINING

well  gas well  other

2. NAME OF OPERATOR

SOHIO PETROLEUM COMPANY

3. ADDRESS OF OPERATOR

P.O. BOX 30, CASPER, WYOMING 82602

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

AT SURFACE: 1841' FWL, 1918' FNL (SE/4,NW/4)

AT TOP PROD. INTERVAL:

AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

PULL OR ALTER CASING

MULTIPLE COMPLETE

CHANGE ZONES

ABANDON\*

(other) MONTHLY WELL HISTORY

5. LEASE

FEE

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

N/A

7. UNIT AGREEMENT NAME

CHRISTMAS CREEK II

8. FARM OR LEASE NAME

CHRISTMAS CREEK

9. WELL NO.

35-B

10. FIELD OR WILDCAT NAME

WILDCAT

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

SEC. 35, T2N, R10E

12. COUNTY OR PARISH | 13. STATE

Summit

Utah

14. API NO.

43-043-30240

15. ELEVATIONS (SHOW DF, KDB, AND WD)

8801' GR

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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.)\*

SEE ATTACHED SHEET

MONTHLY HISTORY FOR April 10, thru May 3, 1984.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

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

SIGNED W. H. Ward TITLE District Manager DATE May 3, 1984

W. H. Ward

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

CONFIDENTIAL

**CONFIDENTIAL**

CHRISTMAS CREEK #35-B

May 4, 1984 - May 31, 1984

Testing, will send a complete report when testing is completed.

**CONFIDENTIAL**

CONFIDENTIAL

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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 Form 9-331-C for such proposals.)

1. oil well  gas well  other

2. NAME OF OPERATOR  
SOHIO PETROLEUM COMPANY

3. ADDRESS OF OPERATOR  
P.O. BOX 30, CASPER, WYOMING 82602

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 1841' FWL, 1918' FNL (SE/4,NW/4)  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

5. LEASE  
FEE

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
N/A

7. UNIT AGREEMENT NAME  
CHRISTMAS CREEK II

8. FARM OR LEASE NAME  
CHRISTMAS CREEK

9. WELL NO.  
35-B

10. FIELD OR WILDCAT NAME  
WILDCAT

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
SEC. 35, T2N, R10E

12. COUNTY OR PARISH | 13. STATE  
Summit | Utah

14. API NO.  
43-043-30240

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
8801' GR

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

PULL OR ALTER CASING

MULTIPLE COMPLETE

CHANGE ZONES

ABANDON\*

(other) MONTHLY WELL HISTORY

SUBSEQUENT REPORT OF:

RECEIVED

JUN 14 1984

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

DIVISION OF OIL  
GAS & MINING

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.)\*

SEE ATTACHED SHEET

MONTHLY HISTORY FOR May 4, 1984 - May 31, 1984

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

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

SIGNED W. H. Ward TITLE District Manager DATE June 4, 1984

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

CONFIDENTIAL



SOHIO PETROLEUM COMPANY  
EXPLORATION AND PRODUCTION

P. O. BOX 30  
CASPER, WYOMING 82602

June 28, 1984  
WHW # 152-155S

Mr. Frank Snell  
Bureau of Land Management  
2370 South 2300 West  
Salt Lake City, UT 84119

Dear Mr. Snell:

RE: Preliminary Environmental Review  
Christmas Creek Unit  
Summit County, Utah

RECEIVED

JUN 29 1984

DIVISION OF OIL  
GAS & MINING

Sohio Petroleum Company originally requested on April 10, 1984 that a Preliminary Environmental Review be completed for the following locations:

Christmas Creek 26-15, SW/4 SE/4 Sec. 26-T2N-R10E  
Christmas Creek 35-14, SE/4 SW/4 Sec. 35-T2N-R10E  
Christmas Creek 2-4, NW/4 NW/4 Sec. 2-T1N-R20E

Subsequent to that request, a PER was done on Christmas Creek 26-15 SW/4 SE/4 Sec. 26-T2N-R10E. Currently, the APD for that well is being processed by the BLM and Forest Service.

On June 15, 1984, a letter from Jerry L. Green, District Forest Ranger of the Wasatch-Cache National Forest, stated that work on the other two locations in Sec. 2 and 35 would be post-poned until further work was done on the Wilderness Bill or the Forest Plan to resolve the roadless issue. A question of directionally drilling into these two locations from outside the roadless area was raised.

Sohio Petroleum Company as operator of the Christmas Creek II Unit respectfully requests that permitting operations be allowed to continue on these two wells with this change:

The well in Section 2 be changed from:  
Christmas Creek 2-4 NW/NW Sec. 2 T1N-R10E to Christmas  
Creek 2-6, SE/NW or 1760' FNL and 2300' FWL Sec. 2-  
T1N-R10E.

June 28, 1984

Page -2-

The reason for this request is that Sohio has a deadline of December 19, 1984 on an option to drill in Sec. 2. Failure to be drilling on that date in Sec. 2 could cause the loss of this option. Permitting must continue on a timely basis to allow for road construction before winter. To answer the question of directional drilling to 35-14 and 2-6: The shallow depths of these wells would require an extremely high angle hole to achieve the lateral displacement required. It is not felt to be economically feasible to drill the 35-14 or 2-6 from the existing 35-B pad as suggested.

On June 12, 1984, Sohio submitted a 1984 Plan of Development for the Christmas Creek II Unit. In this plan three additional wells were projected.

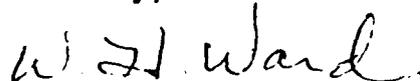
Sohio Petroleum Company hereby respectfully requests that a Preliminary Environmental Review be completed on the following wells:

Christmas Creek # 26-13 SW/4, SW/4, Sec. 26, T2N, R10E  
Christmas Creek # 34-8 SE/4, NE/4, Sec. 34, T2N, R10E  
Christmas Creek # 35-8 SE/4, NE/4, Sec. 35, T2N, R10E

These locations are within the Christmas Creek II unit in the Wasatch National Forest. Archeological surveying is in progress.

PER's on these three wells are requested to allow timely permitting to allow a followup to the 26-15 within the 1984 building season.

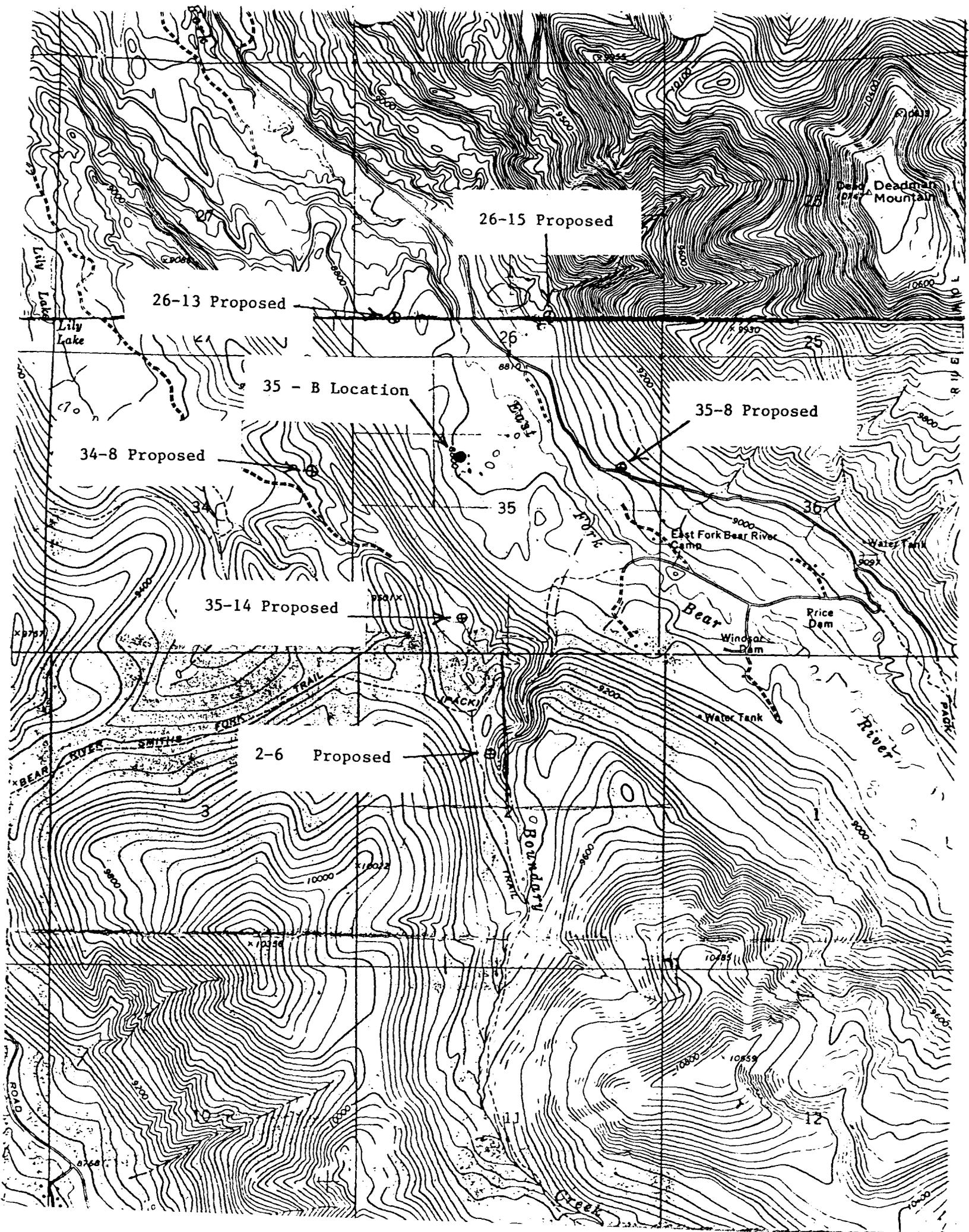
Sincerely,



W. H. Ward  
District Manager

WHW:pms

cc: ~~Ron Firth, Division Oil, Gas and Mining~~  
Bernard Asay, USFS, Evanston  
J. H. Walters  
E. Werren  
T. Rooney  
File  
Read File





**SOHIO PETROLEUM COMPANY**  
EXPLORATION AND PRODUCTION

P. O. BOX 30  
CASPER, WYOMING 82602

July 20, 1984  
WHW # 104-205S

**RECEIVED**

**JUL 23 1984**

**DIVISION OF OIL  
GAS & MINING**

State of Utah  
Natural Resources  
Oil, Gas and Mining  
4241 State Office Building  
Salt Lake City, UT 84114

- Re: 1. Well Completion Report  
Form OGCC-3  
Christmas Creek 35-B  
1841' FWL, 1918' FNL  
SE/4, NW/4, Sec. 35, T2N, R10E  
Summit County, Utah
2. Report of Water Encountered  
During Drilling  
Form OGC-8-8

Gentlemen:

Enclosed is the well completion report in original and one copy for the captioned well. Also enclosed is the report of water encountered during drilling in quadruplicate.

We are requesting that completion data be treated as confidential for a period of nine months from completion date.

Very truly yours,

W. H. Ward  
District Manager

CHS:pms

cc: BLM - Salt Lake City  
J. H. Walters w/copy  
Russ Stauffer w/copy  
Corrie Boven w/copy  
See Attached Distribution List  
Well File  
Read File

SUBMIT IN DUPLICATE\*

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION

(See other instructions on reverse side)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

RECEIVED

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 JUL 23 1984

2. NAME OF OPERATOR  
Sohio Petroleum Company

3. ADDRESS OF OPERATOR  
P. O. Box 30, Casper, WY 82602

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface 1841' FWL; 1918' FNL (SE/4, NW/4)

At top prod. interval reported below 17.94 N, 73.71 E of Surface Location at 5300'  
 At total depth 150.31' N 617.44' E of Surface Location at 12,900'

14. PERMIT NO. 43-043-30240 DATE ISSUED 11-17-83

DIVISION OF OIL GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
Fee

7. UNIT AGREEMENT NAME  
N/A

8. FARM OR LEASE NAME  
Christmas Creek II

9. WELL NO.  
Christmas Creek

10. FIELD AND POOL, OR WILDCAT  
35-B

11. SEC., T., R., N., OR BLOCK AND SURVEY OR AREA  
Wildcat

12. COUNTY OR PARISH  
Summit

13. STATE  
Utah

15. DATE SPUNDED 12-24-83 16. DATE T.D. REACHED 4-05-84 17. DATE COMPL. (Ready to prod.) 5-30-84 18. ELEVATIONS (DF, REB, RT, GR, ETC.)\* 8801' CR 8821' KB 19. ELEV. CASINGHEAD 8799'

20. TOTAL DEPTH, MD & TVD Driller TD-13,055 21. PLUG, BACK T.D., MD & TVD 6,927 22. IF MULTIPLE COMPL., HOW MANY\* -- 23. INTERVALS DRILLED BY -- ROTARY TOOLS ALL CABLE TOOLS NONE

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*  
5302-30' Thaynes 25. WAS DIRECTIONAL SURVEY MADE Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN  
DLL/MSFL/LDT/CNL/BHCS/Dipmeter/RFT-2 Runs (CBL) (WRS) 27. WAS WELL CORRED No  
 VSP. Copies of all logs, DST furnished by Service Company (CERC)

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
30" Conductor	Sch 10LP	73'KB	42"	535 SX Class "H"+1/4 Wood Chips	None
20"	94#	309.99' KB	26"	845 SX G + Additives	None
9 5/8"	36# & 40#	5202' KB	12 1/4"	2500 SX Lite Wate + Add.	None
7"	26 & 29 #	6933 RDB	8 1/2"	350 SX Class G w/ Add.	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
		None			2 7/8"	Pump Intake @ 5,074'	None

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)  
5,302-30' w/ 2 1/8" HSC @ 4SPF Reperforated w/ 4" HSC gun @ 4SPF

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5302-30'	None

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
6-22-84	Pumping Centrilift Series 400	Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
6-23-84	1	Open Line	→	44.3	TSTM	4	--

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
10 PSIG	0 PSIG	→	1063	TSTM	9.6	36.4 @ 60°

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)  
Gas to small to measure. Any produced is used for lease fuel. TEST WITNESSED BY L. M. Hinkel

35. LIST OF ATTACHMENTS  
None; No Geological Report Available

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records  
 SIGNED W. H. Ward TITLE District Manager DATE 7/20/84

\*(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 38. 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.)

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	38. GEOLOGIC MARKERS	TOP	
					NEAR. DEPTH	TRUE VERT. DEPTH
DST #1 Thaynes	5203	5333'	BHT 101 Deg F. IH 2980, FH 2862 IF-10 min 994-1170, ISI-60 Min, 2351 FF-60 Min, 1124 -1948, FSI-180 Min, 2394, IFP 10 Min 2 PSI FFP; NGTS, 60 Min; 4 PSI 90 Min, died. DPR 3200' 66 Bbls total, Clean Oil 45 degrees API, 500' Mud Cut Oil.  Drilled to TD of 13,055; spotted plugs 13,000 to 12,800 w/110 sx G+ Additives, 10,340 to 10,140 w/110 sx G+ Additives, 7213 to 6915 w/110 sx A+ Additives. Set 7" Csg @ 6933'. Perf Weber 6715-23', swab tested. Set EZ drill 6678' and squeeze Weber perfs w/30 sx class H. Perf lower Phosphoria 6345-55 & 6368-84'. Swab tested Set EZSV retainer @ 6335 & squeezed Lower Phosphoria w/25 sx class H. Perf Phosphoria 6286-6316'. Swab tested. Acidized w/2500 Gal 15% HCL w/ Additives. Swab Tested. Perf upper Phosphoria 6224-40' and isolated perfs w/ RBP. Swab tested. Set CIBP @ 6270' w/ 1 sx cement. (Well History cont'd)			
				History		
				Quat. Alluvium Tert. Wasatch Jurassic Nugget Triassic Ankaresh Triassic Thaynes Triassic Woodside Triassic Dinwoody Permian Phosphoria Pennsylvanian Weber Pennsylvanian Amsden Miss. Madison Thrust Fault Pennsylvanian Amsden Miss. Madison Thrust Fault Pennsylvanian Amsden Thrust Fault Pennsylvanian Weber Miss. Madison Darby Thrust Fault Cretaceous Mesa	0 1251 4052 4343 4956 5512 6139 6225 6688 7517 8038 8234 8235 8823 8931 8932 9275 9276 10,505 10,962 10,963	0 1251 4052 4343 4956 5512 6139 6225 6688 7517 8038 8234 8235 8823 8931 8932 9275 9276 10,505 10,962 10,963
				Thrust Fault	11,078	11,078
				Cretaceous Mesaverde	11,431	11,431
				T.D.	13,047	13,047

on separate sheet)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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 Form 9-331-C for such proposals.)

1. oil well  Gas well  other

2. NAME OF OPERATOR  
SOHIO PETROLEUM COMPANY

3. ADDRESS OF OPERATOR  
P.O. BOX 30, CASPER, WYOMING 82602

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 1841' FWL, 1918' FNL (SE/4,NW/4)  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

5. LEASE  
FEE

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
N/A

7. UNIT AGREEMENT NAME  
CHRISTMAS CREEK II

8. FARM OR LEASE NAME  
CHRISTMAS CREEK

9. WELL NO.  
35-B

10. FIELD OR WILDCAT NAME  
WILDCAT

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
SEC. 35, T2N, R10E

12. COUNTY OR PARISH | 13. STATE  
Summit | Utah

14. API NO.  
43-043-30240

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
6801' GR

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF	<input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>	<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>	<input type="checkbox"/>
(other) <u>MONTHLY WELL HISTORY</u>		

RECEIVED

AUG 6 1984

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

DIVISION OF OIL  
GAS & MINING

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.)

SEE ATTACHED SHEET

FOR WEEKS OF July 2 - August 2, 1984

CONFIDENTIAL

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

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

SIGNED W.H. Ward TITLE District Manager DATE \_\_\_\_\_  
W.H. Ward

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

**CONFIDENTIAL**

Christmas Creek #35-B

Well History

July 2 - August 2, 1984

Testing, will send complete report when testing is completed.

**CONFIDENTIAL**



SOHIO PETROLEUM COMPANY  
EXPLORATION AND PRODUCTION

---

P. O. BOX 30  
CASPER, WYOMING 82602

Christmas Creek #35-B

**CONFIDENTIAL**

Well History

August 2, 1984 - September 6, 1984

Testing, will send complete report when testing is completed.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**CONFIDENTIAL**

**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 Form 9-331-C for such proposals.)

1. oil well  gas well  other

2. NAME OF OPERATOR  
SOHIO PETROLEUM COMPANY

3. ADDRESS OF OPERATOR  
P.O. BOX 30, CASPER, WYOMING 82602

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 1841' FVW, 1918' FNL (SE/4,NW/4)  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

5. LEASE  
FEE

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
N/A

7. UNIT AGREEMENT NAME  
CHRISTMAS CREEK II

8. FARM OR LEASE NAME  
CHRISTMAS CREEK

9. WELL NO.  
35-B

10. FIELD OR WILDCAT NAME  
WILDCAT

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
SEC. 35, T2N, R10E

12. COUNTY OR PARISH | 13. STATE  
Summit | Utah

14. API NO.  
43-043-30240

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
8801' GR

REQUEST FOR APPROVAL TO:      SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF	<input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>	<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>	<input type="checkbox"/>

(other) MONTHLY WELL HISTORY

**RECEIVED**

SEP 10 1984

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

DIVISION OF OIL  
GAS & MINING

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.)

SEE ATTACHED SHEET

FOR WEEKS OF August 2, 1984 - September 6, 1984

**CONFIDENTIAL**

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

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

**ORIGINAL SIGNED BY:** \_\_\_\_\_ TITLE District Manager DATE 9/6/84  
 SIGNED W.H. Ward  
 (This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

**CONFIDENTIAL**

Well History  
Christmas Creek 35-B  
September 6, 1984 - October 10, 1984

Testing-Will Send Complete Report When Testing is Fininshed.

**CONFIDENTIAL**

Christmas Creek 35-B Well History  
Page 9  
May 4, 1984 - November 2, 1984

11/01/84 Pumped 49 bo and 501 bw, 91% wtr.

11/02/84 Pumped 46 bo and 521 bw, 92% wtr.  
FINAL REPORT

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

RECEIVED

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 Form 9-331-C for such proposals.)

OCT 12 1984

DIVISION OF OIL  
GAS & MINING

1. oil well  gas well  other

2. NAME OF OPERATOR  
SOHIO PETROLEUM COMPANY

3. ADDRESS OF OPERATOR  
P.O. BOX 30, CASPER, WYOMING 82602

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 1841' FWL, 1918' FNL (SE/4,NW/4)  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>		<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>		<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>		<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>		<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>		<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>		<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>		<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>		<input type="checkbox"/>
(other) <u>MONTHLY WELL HISTORY</u>			

5. LEASE  
FEE

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
N/A

7. UNIT AGREEMENT NAME  
CHRISTMAS CREEK II

8. FARM OR LEASE NAME  
CHRISTMAS CREEK

9. WELL NO.  
35-B

10. FIELD OR WILDCAT NAME  
WILDCAT

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
SEC. 35, T2N, R10E

12. COUNTY OR PARISH | 13. STATE  
Summit | Utah

14. API NO.  
43-043-30240

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
8801' GR

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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.)\*

SEE ATTACHED SHEET

FOR WEEKS OF September 6, 1984 - October 10, 1984

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

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

SIGNED W.H. Ward TITLE District Manager DATE 10/10/84  
W.H. Ward

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY: \_\_\_\_\_

Christmas Creek 35-B Well History

Page 8

May 4, 1984 - November 2, 1984

10/06/84 Pumped 60 bo and 593 bw, 91% wtr.  
10/07/84 Pumped 59 bo and 580 bw, 91% wtr.  
10/08/84 Pumped 60 bo and 593 bw, 91% wtr.  
10/09/84 Pumped 54 bo and 562 bw, 91% wtr.  
10/10/84 Pumped 60 bo, 566 bw, 91% wtr.  
10/11/84 Pumped 60 bo and 572 bw, 91% wtr.  
10/12/84 Pumped 35 bo and 465 bw, 93% wtr.  
10/13/84 Pumped 50 bo and 578 bw, 92% wtr.  
10/14/84 Pumped 50 bo and 539 bw, 92% wtr.  
10/15/84 Pumped 49 bo and 524 bw, 91% wtr.  
10/16/84 Pumped 46 bo and 500 bw, 92% wtr.  
10/17/84 Pumped 49 bo and 508 bw, 91% wtr.  
10/18/84 Pumped 49 bo and 523 bw, 91% wtr.  
10/19/84 Pumped 46 bo and 525 bw, 92% wtr.  
10/20/84 Pumped 41 bo and 508 bw, 92% wtr.  
10/21/84 Pumped 46 bo and 503 bw, 92% wtr.  
10/22/84 Pumped 46 bo and 494 bw, 91% wtr.  
10/23/84 Pumped 46 bo and 520 bw, 92% wtr.  
10/24/84 Pumped 46 bo and 511 bw, 92% wtr.  
10/25/84 Pumped 44 bo and 497 bw, 92% wtr.  
10/26/84 Pumped 38 bo and 501 bw, 93% wtr.  
10/27/84 Pumped 39 bo and 446 bw, 92% wtr.  
10/28-29/84 Down 24 hrs-repair generator.  
10/30/84 Pumped 52 bo and 518 bw, 91% wtr.  
10/31/84 Pumped 50 bo and 506 bw, 91% wtr.

Christmas Creek 35-B Well History

Page 7

May 4, 1984 - November 2, 1984

09/11/84 47 bo and 313 bw, 87% wtr.  
09/12/84 46 bo and 313 bw, 87% wtr.  
09/13/84 46 bo and 325 bw, 88% wtr.  
09/14/84 46 bo and 326 bw, 88% wtr.  
09/15/84 46 bo and 323 bw, 88% wtr.  
09/16/84 46 bo and 324 bw, 88% wtr.  
09/17/84 43 bo and 324 bw, 88% wtr.  
09/18/84 118 bo and 600 bw, 84 % wtr.  
09/19/84 84 bo and 598 bw, 88% wtr.  
09/20/84 Down for panel repairs.  
09/21/84 Well back on 9 am 9/20/84.  
09/22/84 Pumped 68 bo and 520 bw in 20 hrs, 88% wtr.  
09/23/84 Pumped 83 bo and 665 bw, 89% wtr.  
09/24/84 Pumped 74 bo and 632 bw, 89% wtr.  
09/25/84 Pumped 54 bo and 452 bw, 89% wtr.  
09/26/84 Well down 24 hrs.-replacing generator.  
09/27/84 Replaced generator, start up at 9:45 am 9/26/84  
09/28/84 Pumped 79 bo and 639 bw, 88% wtr.  
09/29/84 Pumped 81 bo and 609 bw, 88% wtr.  
09/30/84 Pumped 76 bo and 612 bw, 89% wtr.  
10/01/84 PUmpeD 60 bo and 554 bw in 23 hrs, 90% wtr.  
10/02/84 Pumped 13 bo and 161 bw in 8 hrs (generator down 16 hrs.)  
10/03/84 Pumped 68 bo and 633 bw in 24 hrs, 91% wtr.  
10/04/84 PUmpeD 66 bo and 571 bw in 24 hrs, 90%wtr.  
10/05/84 Pumped 61 bo and 584 bw, 91% wtr.

Christmas Creek 35-B Well History

Page 6

May 4, 1984 - November 2, 1984

08/06/84 Pumped 42 bo and 245 bw in 14 hr. Avg wtr cut 85%. Generator down.

08/07/84 Start pump. Pumped 87 bo and 401 bw in 22 hrs. Avg wtr cut 82%.

08/08/84 Pumped 81 bo and 419 bw in 24 hrs. Avg wtr cut 84%.

08/09/84 Pumped 75 bo and 402 bw in 24 hrs. Avg wtr cut 84%.

08/10/84 Pumped 67 bo and 398 bw in 24 hr. Avg wtr cut 85%.

08/11/84 Pumped 68 bo and 391 bw in 24 hr. Avg wtr cut 85%.

08/12/84 Shut well in at 4 pm 8-11-84.

08/13-24/84 Well Shut in.

08/25/84 Start up 4 pm 8/24/84. Pump 123 bo, 378 bw, 75% wtr.

08/26/84 80 bo and 249 bw 76% wtr.

08/27/84 99 bo and 355 bw 78% wtr.

08/28/84 85 bo and 365 bw 81% wtr.

08/29/84 81 bo and 348 bw 81% wtr.

08/30/84 68 bo and 359 bw 84% wtr.

08/31/84 68 bo and 357 bw 84% wtr.

09/01/84 65 bo and 337 bw 84% wtr.

09/02/84 60 bo and 347 bw 85% wtr.

09/03/84 54 bo and 367 bw 87% wtr.

09/04/84 55 bo and 367 bw 87% wtr.

09/05/84 54 bo and 348 bw 87% wtr.

09/06/84 54 bo and 338 bw 86% wtr.

09/07/84 47 bo and 318 bw 87% wtr.

09/08/84 46 bo and 317 bw 87% wtr.

09/09/84 46 bo and 318 bw 87% wtr.

09/10/84 49 bo and 320 bw 87% wtr.

Christmas Creek 35-B Well History

Page 5

May 4, 1984 - November 2, 1984

- 07/16/84 ✓ Total produced was 53 bo and 125 bw in 24 hrs.
- 07/17/84 ✓ Total production was 52 bo and 143 bw in 24 hrs.
- 07/18/84 Shut well down, treater malfunction.
- 07/19/84 Repair treater.
- 07/20/84 Start pump. Shut down pump. Treater still malfunctioning.
- 07/21/84 Repair treater.
- 07/22/84 ✓ Start pump. Pump 199 bo and 359 bw in 20.7 hrs.
- 07/23/84 ✓ Total production 162 bo and 388 bw in 24 hr. Avg. wtr. cut 70.5%.
- 07/24/84 ✓ Pump 256 bo and 625 bw. 71 % wtr.
- 07/25/84 ✓ Pump 196 bo and 852 bw, 81 % wtr.
- 07/26/84 ✓ Production was 170 bo and 779 bw in 24 hr. w/avg. wtr. cut of 82%.
- 07/27/84 ✓ Production was 134 bo and 681 bw in 24 hr. Avg wtr cut - 84%.
- 07/28/84 ✓ Production was 94.5 bo and 501.5 bw in 18 1/2 hr. Pump going down on overload.
- 07/29/84 Check out panel and generator. Problem is downhole. Left well shut down.
- 07/30/84 Well down.
- 07/31/84 Well down.
- 08/01/84 Well Down. Tank batter installation & dirtwork is complete.
- 08/02/84 Rig up pulling unit. TOH w/ pump.
- 08/03/84 Run GR & Temp log. Tag 5343-15' fill. TIH w/ Baker Hydrostatic bailer, clean out to 5355, run pkr on 75 stds, set at 4660. Run temp log and pump in tracer, pump 1/2 - 3/4 BPM 1000#, majority of fluid enter Perfs 5310-5320'. Tracer & Temp logs show no channel up or down.
- 08/04/84 Release pkr and POH. Ran pump equipment on 162 jts - 2 7/8" tbg. Set pump @ 5076'. NU wellhead. RD pulling unit. Start pump @ 5 PM 8/3/84. Pumped 43.35 bo & 316.65 bw in 13 hr - 84% wtr.
- 08/05/84 Pumped 61 bo and 524 bw in 24 hr. Avg wtr cut 89%.

Christmas Creek 35-B Well History

Page 4

May 4, 1984 - November 2, 1984

- 06/24/84 Start pump test. Pumped 407.4 bf in 7 hr.
- 06/25/84 Continue pump test at avg. rate of 700 bpd. Oil cut dropped from 99% to 92% in 21 hr.
- 06/26/84 Pump output below normal rating. POH w/tbg and LD pump.
- 06/27/84 Run Baker Hydrostatic bailer on tbg to 5350'. Recover 6 bbl fluid & solids (SS & LS particles, small amt LC material & perf gun debris).
- 06/28/84 TIH w/ Centrilift pump, Pump intake 5077. Start at 4 PM 6/27/84. Total fluid produced 425 bf in 15 hrs.
- 06/29/84 611.2 bbls total fluid produced in 22 hrs.
- 06/30/84 Pumped 683.8 bbl fluid in 25 hrs.- 26.3 BF/hr, avg wtr cut 31.3
- 07/01/84 Pumped 657.4 bbl fluid in 25 hrs - 26.3 bf/hr, avg wtr cut 38.1%.
- 07/02/84 Pumped 594.1 bbl fluid in 24 hrs - 24.8 bf/hr avg wtr cut 39.6%.
- 07/03/84 Pumped 623 bf in 24 hr. Water cut incr to 59%.
- 07/04/84 Pump 27.75 bf/hr in 12 hrs. Avg wtr. cut 66.7%.
- 07/05/84 Pump 28.5 bf/hr for 24 hrs. Avg wtr. cut 63.8%.
- 07/06/84 Pump 595.7 bf/hr in 23 hrs. Avg wtr cut 69%.
- 07/07/84 Pump 25.7 bf/hr. Avg wtr cut 69.
- 07/08/84 Pump 26.2 bf/hr. Avg wtr cut 69.2%.
- 07/09/84 Ave 24.6 bf/hr, wtr cut 71%, Shut Down to hook up flow line and complete tank battery tie in.
- 07/10/84 Shut in for battery completion.
- 07/11/84 Shut in for battery hookup.
- 07/12/84 Start up. Pump 146 bf in 14 hr. Water cut increased to 92%.
- 07/13/84 ✓ Pump 20 bo & 135 bw in 20 1/2 hr. Water cut 72%.
- 07/14/84 ✓ Total produced was 43 bo and 103 bw in 24 hrs.
- 07/15/84 ✓ Total produced was 51 bo and 117 bw in 24 hrs. Measured oil gravity - 37.6° @ 60°F.

Christmas Creek 35-B

Page 3

May 4, 1984 - November 2, 1984

- 05/30/84 Resume swabbing. Recovered 315.65 bbl in 20 runs over a 10 hr period. Oil cut average 96% over second 5 hrs. Ran and set pressure bombs in 'F' nipple at 5104'. Resume swabbing. Recovered 88.51 bbl in 7 runs over a 2 1/4 hr period. Working fluid level 2400' from surface. Oil cut 92% by grind out on final run. Shut well in for pressure buildup.
- 05/31/84 Pulled BHP bombs. Unseated packer and reversed oil to tanks. Reset pkr. NU tbg head. Tested annulus and packer to 500 psi.
- 06/01/84 Rigged down & moved out pulling unit. BHP survey showed pressure of 1823 psi @ 5092 after 17.6 hr buildup. BHT was 94° F.

Simulation of Fluid Recovery By Zone

Zone-Perfs	Fluid Rec		Hrs Swabbed	Load
	BO	BW		
Weber 6715-23		257	10	6.4
Lwr Phos 6345-55& 6368-84'		110.4	15 1/4	25.0
Mid Phos 6286-6316	2.16 795.52	12.64 1079.88	10 59	11.58* 107.00+
Upr Phos 6224-40	399.52	763.2	44	14.5
Lwr Thaynes 5370-90	93.15	544.65	35 1/4	14.6
Upr Thaynes 5302-30	1521.65	102/38	45 1/2	42.4

\*Before Acid

+After Acid

- 06/02-19/84 Repair road and prepare location for production equipment.
- 06/20/84 Start tank construction. Move in & rig up WS rig. Release pkr, POH w/ 163 jts 2 7/8" tbg
- 06/21/84 Ran Centrilift pump w/pump intake @ 5074'. NU well heads
- 06/22/84 Work on electrical hookup and battery equipment.
- 06/23/84 Finish electrical hookup & test. Start up pump, well pump up in 7 minutes.

Christmas Creek 35-B History

Page 2

May 4, 1984- November 2, 1984

- 05/19/84 Continue swabbing. Recovered 304.2 bf in 19 runs over a 12 hr. period. Oil cut ranges from 28-50%.
- 05/20/84 Recovered 104.8 bf in 7 runs over a 3 -1/3 hr period. Release pkr. Latch and release RBP. POH. Set CIBP @ 6270' w/1 sk cmt. Set CIBP @ 6210' w/lsk cmt. Set RBP @ 5671'. Set pkr @ 5189'.
- 05/21/84 Swab down to 4060'. Perforate Lower Thaynes 5370 - 5390' @ 4 SPF. RU to swab. Made 18 runs in 7 hrs. recovering 214.2 bf. First oil showed up on run #7 @ 1%. Oil cut on last run was 10%.
- 05/22/84 Continue swabbing. Recovered 332.4 bf in 13-2/3 hr with 31 swab runs. Oilcut was 15-18% over the second half of the day.
- 05/23/84 Continue swabbing. Recovered 248.5 bf in 28 runs over a 12 hr. period. Oil cut remained at 15-18% with .2 - .4 BS. Cum recovery from this zone is 82.57 bo & 498.33 bw. Oil gravity 33° API @ 60° F.
- 05/24/84 Recovered 56.9 bf in 6 swab runs over a 2 - 1/2 hr period. Oil cut on last run was 20% w/.4% BS. Cum recovery from this zone is 93.15 bo & 544.65 bw. Release pkr. Release RBP & POH. Set EZSV retainer @ 5360'. TIH w/tbg & stinger. Establish injection @ 3 bpm w/ 800 psi. No circulation out 9-5/8" X 7" annulus. Mix 50 sx Class H neat. Spot in tbg w/18.5 bbl wtr 7 sting in retainer. Pump 12 bw with initial rate of 3 bpm w/300 psi. Stop pumping when pressure reached 900 psi @ 1/4 bpm. Sting out & reverse 4 bbl cmt. POH. Ran & set pkr @ 5094'. Swab tbg to 4000'.
- 05/25/84 Perf'd Thaynes 5302-5330' w/2-1/8" HSC @ 4 SPF. RU to swab. Swabbed 281.6 bf in 24 runs over a 10 1/2 hr period. Oil cut increased from 20% on the 2nd run to 98+% on Run 24. Oil gravity is 35° @ 60° F. Breakdown on recovery is 247.9 bo and 33.7 bw.
- 05/26/84 Continue swabbing. Swabbed 147.8 bf in 4 1/3 hr in 11 runs w/avg oilcut of 99.2%. Ran & set tandem pressure bombs in 'F' nipple at 5104'. Resume swabbing. Swabbed 211.7 bf in 6 1/4 hr in 16 runs w/avg oil cut of 99.3%. Shut well in for buildup. Cum recovery from this zone is 604.7 bo and 36.5 bw.
- 05/27/84 Pulled pressure bombs. BHP was 1831 psig after 13 hr 21 min and building at approx. 1 psi/hr.
- 05/28/84 Release pkr. and POH. Re-perforate upper Thaynes 5302 - 30' w/ a 4" HSC gun, 4 SPF w/90° phasing. Ran tbg & pkr. Set pkr @ 5094'. RU to swab. Recovered 171.2 bf in 12 runs over a 6 hr period. Oil cut was 97% on final runs.
- 05/29/84 Resume swabbing. Recovered 407.57 bf in 25 runs over a 12 1/2 hr period. Working fluid level 1500-1800 from surf. Avg oil cut over the day was 97.3%.

Christmas Creek 35-B  
Short Well History  
May 4, 1984 - November 2, 1984

- 05/04/84 Perf Weber 6715-23' @ 2 SPF. RU to Swab. Recovered 257 bw in 10 hr. Release RTTS & POH. Ran EZ drill pkr on tbg & set @ 6678'.
- 05/05/84 Sting into retainer. Class H neat. Squeezed to 1500 psi, reverse 2 bbl cmt. Set RBP @ 6460'. Set RTTS @ 6200'. Perforate Lower Phosphoria 6345 - 55' and 6368-84' @ 1 SPF. Commence Swab.
- 05/06/84 Continue Swab Test. Recovered 85.4 bbl formation wtr. No show of oil.
- 05/07/84 Released RTTS & release RBP & POH. Set EZSV retainer @ 6335'. Mix 25 sx Class H neat. Squeeze to 3300 psi. Reverse 1 bbl cmt. POH. Set RTTS @ 6082'.
- 05/08/84 Swab tbg. dn. to 4000'. Perf Phosphoria 6286'-6318' @ 1 SPF. RU to Swab. Recovered 2.16 bo and 12.64 bw.
- 05/09/84 Treat Phosphoria perms w/500 gal 15% HCL, 75# benzoic acid pill, and 2000 gal 15% HCl 2/175# benzoic acid flakes distributed throughout. Initial rate 1.2 bpm w/2950 psi. Broke to 2670 psi when acid hit perms. Flush bottom perf w/2% KCl wtr. at 3.5-4 bpm at 2850 psi. ISIP - 2140 psi. 15 min. - 240 psi. Total load is 107 bbl. RU to swab. Recovered 45.2 and 144.4 bw. Oil gravity is 30 deg. at 70 deg. F.
- 05/10/84 Resume Swabbing. Recovery for the day was 197.9 bo and 39.5 bw. Cum recovery is 243.1 bo and 183. bw.
- 05/11/84 Ran tandem pressure bombs and softset in Baker F nipple. Left well SI 1 hr. and commenced swabbing. Recovery for the day was 354.8 bf in 10-1/2 hr. Shut well in for buildup.
- 05/12/84 POH w/bombs, run BH sampler, SI BHP - 12 hrs. - 2288 psi.
- 05/13/84 Made 27 swab runs Rec 481 bf. (62% wtr. and 38% oil).
- 05/14/84 Swab 21 runs recovering 317 bf, 41% oil and 59% wtr.
- 05/15/84 Swab 373 bf in 22 runs w/avg oil cut of 40%. Release pkr & reverse out 40 bf. POH. Set RBP @ 6270'. Swab tbg down to 5000'.
- 05/16/84 Perforate Upr Phosphoria 6224 -40' w/4 SPF. RU to swab. Recovered 84.5 bf in 10 runs over a 4-1/2 hr. period.
- 05/17/84 Continue swabbing. Recovered 341.1 bf in 24 runs. Oil cut for final 10 runs was 60%. Oil gravity was 29° at 45° F.
- 05/18/84 Continue swabbing. Recovered 269 bf in 21 runs over a 10 hr. period. Oil cut 33-44% w/ 5-11% emulsion. Oil gravity measured @ 27.4° @ 60°F.

FORM OGC-8-X

FILE IN QUADRUPLICATE

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

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number Christmas Creek 35-B

Operator Sohio Petroleum Company Address Casper, WY 82602 Phone 237-3861

Contractor R. L. Manning Address Mills, WY Phone 234-3563

Location SE 1/4 NW 1/4 Sec. 35 T. 2 N R. 10 E Summit County, Utah  
S W

Water Sands:

<u>Depth</u>		<u>Volume</u>	<u>Quality</u>
From	To	Flow Rate or Head	Fresh or Salty
1. 1380	1400	10.2 ppg	Fresh
2. 2490	2560	11.5 ppg	Fresh
3. 2875	2895	11.6 ppg	Fresh
4. 3880	3940	11.6 ppg	Fresh
5.			

(Continue on reverse side if necessary)

Formation Tops:

See Completion Report

Remarks:

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

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL & GAS

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work Recomplete to Deeper Zone  
DRILL  DEEPEN  PLUG BACK   
b. Type of Well  
Oil Well  Gas Well  Other   
Single Zone  Multiple Zone

RECEIVED

2. Name of Operator Sohio Petroleum Company

3. Address of Operator P. O. Box 30, Casper, WY 82602

4. Location of Well (Report location clearly and in accordance with any State agreement)  
At surface 1841' FWL and 1918' FNL  
At proposed prod. zone 95.2' N and 96.3' E of surface location at 6220'

14. Distance in miles and direction from nearest town or post office\*  
39 miles south of Evanston, Wyoming

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

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

21. Elevations (Show whether DF, RT, GR, etc.)  
8801' GR; 8821' KB

23. PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
In Place:	7"	26# and 29#	6933'	350 sx
Tubing:	2-7/8"	6.5#		

5. Lease Designation and Serial No.  
Fee  
6. If Indian, Allottee or Tribe Name  
N/A  
7. Unit Agreement Name  
Christmas Creek II  
8. Farm or Lease Name  
Christmas Creek  
9. Well No.  
35-B  
10. Field and Pool, or Wildcat  
Christmas Creek  
11. Sec., T., R., M., or Blk. and Survey or Area  
Section 35, T2N, R10E  
12. County or Parrish 13. State  
Summit Utah

Subject well is completed in the Upper Thaynes in perforations 5302-28'. Plug back depth is 5360'. A diagram of the well bore is attached. The present completion is uneconomical at 41 bopd and 450 + bwpd. Sohio plans to abandon the Thaynes and recomplete in the previously tested Phosphoria zones at 6200-6300'. A work procedure is attached.

Early consideration and approval is requested.

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING  
DATE: 11/13/84  
BY: [Signature]

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 W. H. Ward Title District Manager Date 11/7/84  
(This space for Federal or State office use)

Permit No. .... Approval Date .....

Approved by ..... Title ..... Date .....  
Conditions of approval, if any:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**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 Form 9-331-C for such proposals.)

1. oil well  gas well  other

2. NAME OF OPERATOR  
SOHIO PETROLEUM COMPANY

3. ADDRESS OF OPERATOR  
P.O. BOX 30, CASPER, WYOMING 82602

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 1841' FVL, 1918' FNL (SE/4, NW/4)  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

5. LEASE  
FEE

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
N/A

7. UNIT AGREEMENT NAME  
CHRISTMAS CREEK II

8. FARM OR LEASE NAME  
CHRISTMAS CREEK

9. WELL NO.  
35-B

10. FIELD OR WILDCAT NAME  
WILDCAT

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
SEC. 35, T2N, R10E

12. COUNTY OR PARISH | 13. STATE  
Summit | Utah

14. API NO.  
43-043-30240

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
8801' GR

REQUEST FOR APPROVAL TO:      SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF      

FRACTURE TREAT      

SHOOT OR ACIDIZE      

REPAIR WELL      

PULL OR ALTER CASING      

MULTIPLE COMPLETE      

CHANGE ZONES      

ABANDON\*      

(other) MONTHLY WELL HISTORY

**RECEIVED**

NOV 25 1984

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

DIVISION OF OIL  
GAS & MINING

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.)\*

SEE ATTACHED SHEET

FOR WEEKS OF May 4, 1984 - November 2, 1984

**FINAL REPORT**

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

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

SIGNED W.H. Ward TITLE District Manager DATE 11-8-84

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

**CONFIDENTIAL**

SOHIO PETROLEUM COMPANY  
CHRISTMAS CREEK 35-B  
PHOSPHORIA RECOMPLETION PROCEDURE  
SECTION 35, T2N, R20E  
SUMMIT COUNTY, UTAH

1. Shut well down 1-2 days before commencing operations.
2. RUPU. POH w/tbg and pump. Nipple down pumping head and Nipple up BOP.
3. RIH w/pressure bombs to 5315 ft. Obtain reservoir pressure then pull out of hole making gradient stops every 1000 ft.
4. RIH w/tubing and packer. Set pkr. at 5100 ft. Squeeze perfs 5302-28' w/50 sacks cement.
5. POOH w/packer. RIH w/bit and clean out to retainer at 5360 ft. Pressure test squeeze job. Drill out retainer at 5360 ft and clean out to  $\pm$  5420 ft. Perform second pressure test. If second squeeze is necessary, it will be braden headed from the surface by spotting cement across perfs with tubing, pulling out of cement, shutting backside in and performing a hesistation squeeze down tubing. Drill out cement and clean out to 5420'.
6. After a pressure test of 2000 psi is obtained, an inflow test is to be done by RIH w/ a RTTS and setting at 5000 ft. Swab well down to the packer and monitor for any fluid entry.
7. RIH with bit and drill up CIBP's at 6210 and 6270 ft.
8. Set a retrievable bridge plug on wireline between the Middle and Upper Phosphoria perfs at 6265 ft.
9. Reperforate top 8 ft of the Upper Phosphoria (6224-6232 ft) w/ a 4 inch HSC at 4 spf.
10. RIH w/tubing and perf wash tool. Acidize top 8 ft of Upper Phosphoria perfs (6224-6232) with 1000 gals of Dowell MSR 100.
11. Shut well in for 15 minutes and swab load back. POH.
12. RIH with submersible pump. Set at  $\pm$  6100 ft.
13. Nipple Down Annular and install Pumping Tee. RDPU

Phosphoria Recompletion Procedure

November 6, 1984

Page -2-

14. Pump test well at a constant rate of 200 BFPD until rate, bottom hole pressure and oil cut has stabilized.

Following testing of Upper Phosphoria

15. RUPU, nipple down pumping tee and nipple up BOP.
16. POOH with tubing and pump.
17. Pull retrievable bridge plug between Phosphoria zones at 6265 ft.
18. RIH tubing and pump. Set pump intake at  $\pm$  6100 ft.
19. NU pumping tee, RDPU and test commingled Upper and Middle Phosphoria.

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. Fee
2. NAME OF OPERATOR Sohio Petroleum Company		6. IF INDIAN, ALLOTTED OR TRIBE NAME N/A
3. ADDRESS OF OPERATOR P. O. Box 30, Casper, WY 82602		7. UNIT AGREEMENT NAME Christmas Creek II
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1841' FWL & 1918' FNL		8. FARM OR LEASE NAME Christmas Creek
14. PERMIT NO. 43-043-30240		9. WELL NO. 35-B
15. ELEVATIONS (Show whether OP, ST, GR, etc.) 8801' GR; 8821' KB		10. FIELD AND POOL, OR WILDCAT Christmas Creek
		11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA Sec. 35, T2N, R10E
		12. COUNTY OR PARISH Summitt
		13. STATE Utah

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

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

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

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

Application for permit to recomplete to deeper zone approved November 9, 1984 by State. Work commenced on November 13, 1984. See attached well history for work performed during period of November 13, 1984, thru December 27, 1984.

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

SIGNED *E. D. Hoffer* TITLE Dist. Prod. Superintendent DATE 12-28-84

(This space for Federal or State office use)

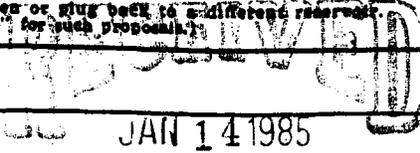
APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
 CONDITIONS OF APPROVAL, IF ANY:

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. Fee	
2. NAME OF OPERATOR Sohio Petroleum Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A	
3. ADDRESS OF OPERATOR P. O. Box 30, Casper, WY 82602		7. UNIT AGREEMENT NAME Christmas Creek II	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1841' FWL, 1918' FNL (SE/NW)		8. FARM OR LEASE NAME Christmas Creek	
14. PERMIT NO. 43-043-30240		9. WELL NO. 35B	
15. ELEVATIONS (Show whether DV, RT, GR, etc.) 8801' GR		10. FIELD AND POOL, OR WILDCAT Wildcat	
		11. SEC., T., R., M., OR BLK. AND SUBSTY OR AREA Sec 35, T2N, R10E	
		12. COUNTY OR PARISH Summit	13. STATE Utah



DIVISION OF  
OIL, GAS & MINING

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

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

(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.) \*

A lined emergency pit (45' X 30' X 8') has been constructed on location.

Any fluids entering this pit will be hauled to an approved disposal site as soon as possible after entry .

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

SIGNED W. H. Ward TITLE District Manager DATE 1-10-85  
 W. H. Ward

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:  
 # O+1 Oil & Gas  
 cc: File

## Well History

### UTAH

#### SOHIO

Christmas Creek 35-B, Summit Co

SE/4, NW/4, Sec 35, T2N, R10E

Christmas Creek Prospect

AFE 15-4051

Land No LS-421-339

Rig: Gamache WS

Elev: 8801' GR, 8821' KB

Csg: 20" @ 309.99'

9-5/8" @ 5202'

7" @ 6933'

Opr: Re-open Phosphoria

Cost: \$67,300/67,300

11/13/84

TD - 13055'. PBDT - 5360'. Thaynes perms 5302-28'. Shut well 11/11/84 @ 4:30 PM. Remove snow from loc. Shot fluid level @ 4:30 PM 11/12/84. WHP - 25 psi. FL 750' from surface. Moved rig from Roosevelt Utah to Evanston.  
Daily \$1,700 Cum \$1,700

11/14/84

TD - 13055'. PBDT - 5360'. Thaynes perms 5302-28'. MI Gamache Rig #1, tanks, pump and power swivel. Unable to rig up since one deadman anchor is missing. Snowing heavily. All loads had to be pulled to location. Lease water did not test for cementing. Will use river water.  
Daily \$1,700 Cum \$3,400

11/15/84

TD - 13055'. PBDT - 5360'. Thaynes perms 5302-28'. Plowed roads into location. RU anchor tester. Installed and tested one anchor. Finished rigging up. Nippled down pumping tee. Found threads on landing joint cross threaded and ruined. Ordered out center spear. Secured wellhead for night.  
Daily \$4,200 Cum \$7,600

11/16/84

TD - 13055'. PBDT - 5360'. Thaynes perms 5302-28'. Made up short catch overshot. Pulled tubing string. Laid down top joint. Pulled out of hole w/161 jts of 2-7/8" tbg and Centrilift submersible pump. Nippled up and tested BOP's.  
Daily \$6,990 Cum \$14,590

11/17/84

TD - 13055'. PBDT - 5360'. Thaynes perms 5302-28'. SIWHP - 0 psig. RU Cable & ran static pressure bombs. Field readings are as follows: 1315' 100 psig, 2315' 600 psig, 3315' 1100 psig, 4315' psig, 5315' 2100 psig. Fluid level 1050' from surface. BHT 98° F @ 5315'. RD Cable. PU 8 3-1/2" x 1-3/4" spiral DC & stood in derrick. PU Baker retrievomatic cementer & GIH w/164 jts 2-7/8" tbg. Close in well. Start heating water for cementing. SDFN.  
Daily \$3,300 Cum \$17,890

11/18/84

TD - 13055'. PBDT - 5360'. Thaynes perms 5302-28'. RU HOWCO. Load hole w/water. Test lines to 2000 psi. Set pkr @ 5104'. Test annulus to 1000 psi. Establish inj at 2 bpm w/100 psi. Mix 50 sx Class A w/.4% Halad 4 & .1% HR-5. Slurry volume 10.5 bbl. Pump 5 bbl cmt in perms w/1800 psi. Shut down 15 min 0 psi. Staged as follows:  
1 bbl @ 1400 psi - SD 15 min - 0 psi; 1/2 bbl @ 1400 psi - SD 15 min - 0 psi;  
1/2 bbl @ 1400 psi - SD 45 min - 0 psi; 1/2 bbl @ 1400 psi - SD 30 min - 200 psi;  
1/4 bbl @ 1500 psi - SD 10 min - 1000 psi. Reserve 40 bbl (tbg vol plus 10 bbl). Release pkr & LD 10 jts tbg. Pressure hole to 1000 psi & SDFN. Put 7-3/4 bbl cmt in formation & left 2-3/4 bbl in csg.  
Daily \$8,277 Cum \$26,167

11/19/84

TD - 13055'. PBDT - 5360'. Thaynes perms 5302-28'. Could not measure pressure - valve froze. Release pkr & POH. PU 6" cement mill, csg scraper, & 8 3-1/2" DC. Tag TOC @ 5223'. RU power swivel & drl cmt to btm of perms @ 5328'. CO to 5360'. Test perms - inj @ 1/2 bpm w/1750 psi. SD pump. ISIP 1650, 5 min 1000 psi, 15 min 800 psi, 20 min 500 psi, 25 min 450 psi. Drain lines, pull 3 stds. SDFN.  
Daily \$2,570 Cum \$28,737

## Well History

### UTAH

SOHIO

Christmas Creek 35-B, Page 2

11/20/84

TD - 13055'. PBDT - 5360'. Thaynes perfs 5302-28'. POH w/tbg & mill. Ran tbg & pkr. Set pkr @ 5196'. RU HOWCO. Inj @ 2 bpm w/2000 psi. Mix 50 sx Class 'A' w/4% Halad 4. Spot cmt & close bypass. Pump 6 bbl in formation @ 1500 psi. SD 15 min - bled to 0; Pump 1/2 bbl @ 1200 psi - SD 15 min - bled to 0; Pump 1/2 bbl @ 1300 psi - SD 15 min - bled to 300 psi; Pump 1/4 bbl @ 1500 psi - SD 15 min - bled to 0; Pump 1-1/4 bbl @ 1400 psi - SD 15 min - bled to 0. Overdisplace 8 bbl @ 2 bpm w/2000 psi. Pull 1200' tbg. SDFN.  
Daily \$2,025 Cum \$30,762

11/21/84

TD - 13055'. PBDT - 5360'. Thaynes perfs 5302-28'. Attempt to run pkr blow perfs to test retainer at 5360'. Could not get below 5332'. PU to 5259' & set pkr. Pump in fmn. 1-1/4 bpm w/1800 psi. Move pkr to 5011' & set. Mux 100 sx Class A w/.1% HR-5 & .5% Halad 4. Spot cmt & close bypass. Pump 11 bbl in fmn. @ 1 bpm w/1700 psi, shut down 15 min, bled to 200 psi; Pump 1/8 bbl to 1000 psi, SD 15 min, vled to 100 psi; Pump 1/8 bbl to 1000 psi, SD 15 min, bled to 500 psi; Pump 1/16 bbl to 1000 psi, SD 15 min, bled to 950 psi. Release pressure & bled back 1/4 bbl. Pump 1/4 bbl to 1000 psi, held 1000 psi for 15 min. Reverse clean. Pull 5 stds. Pressure hole to 1000 psi. SDFN.  
Daily \$8,345 Cum \$39,107

11/22/84

TD - 13055'. PBDT - 5360'. Thaynes perfs 5302-28'. WHP - 900 psi. GOH w/tbg & pkr. PU 6" cement mill, scraper, DC, & GIH to 5000'. Lock pipe rams & secure well for weekend.  
Daily \$2,120 Cum \$41,227

11/23-26/84

TD - 13055'. PBDT - 5360'. Thaynes perfs 5302-28'. SDF Holiday.

11/27/84

TD - 13055'. PBDT - 5360'. Thaynes perfs 5302-28'. Plowed snow to location & cleaned off location. FIH w/mill. Tag cement @ 5020'. Drld cement to 5191'. Pull 3 stds. Drain lines. SDFN.  
Daily \$4,230 Cum \$45,457

11/28/84

TD - 13055'. PBDT - 5360'. Thaynes perfs 5302-28'. RU lines & power swivel. Drilled hard cement from 5191-5314'. Dain lines & pull 3 stds. SDFN.  
Daily \$2,395 Cum \$47,852

11/29/84

TD - 13055'. PBDT - 5360'. Ran 3 stds. Drld cmt 5314-5355'. Circ clean & test squeeze on Upr Thaynes perfs 5302-28' w/1000 psi for 10 min. Drld cmt 5355'-5360' (top of retainer). Mill on retainer for 4 hrs - made little hole w/brass, cast iron, & pcs of stainless steel from cable bands. POH. Mill plugged w/cable bands. SIH w/mill, scraper, DC, & tbg. SDFN.  
Daily \$2,770 Cum \$50,622

11/30/84

TD - 13055'. PBDT - 5360'. Ran 3 stds. Mill on retainer 7 hrs. Made 8"-10". Returns include steel, cast iron, brass, & some rubber. Circ clean, pull 3 stds, & SDFN.  
Daily \$2,920 Cum \$53,542

12/1/84

TD - 13055'. PBDT - 5360'. Lay lines, run 3 stds, PU Power Swivel, mill on retainer at 5360, made 6", total now 14" returns mostly Rubber, some cast brass & steel. Packer appears to be turning w/mill, trouble plugging. POH w/mill & tbg. Mill had 3 water courses plugged, mill 50% gone, SDFN.  
Daily \$2,820 Cum \$56,362

12/2/84

TD - 13055'. PBDT - 5360'. TIH w/bit, 6" Bit 8 3-1/2 OD DC, Tag on 5360, made 3' now 5363, returns cement & metal, circ, well clean, SDFN.  
Daily \$2,770 Cum \$59,132

## Well History

### UTAH

SOHIO

Christmas Creek 35-B, Page 3

12/3/84

TD - 13055'. PBDT - 5360'. Ran 3 stds & RU swivel. Finish drilling up retainer. Drld cement under retainer from 5363' to 5375' (Lwr Thaynes perms were 5370-90') - fell out of cmt @ 5375'. Clean out to 5439'. Pressure test to 1000 psi - bled to 400 psi in 30 sec. Establish injection @ 2 bpm @ 650 psi. POH w/bit. RIH w/pkr & tbg. Left pkr hang @ 5265'. SDFN.  
Daily \$2,675 Cum \$61,807

12/4/84

TD - 13055'. PBDT - 5360'. Pull 2 jts. Set pkr @ 5203'. Mix 100 sx Class 'A' w/.4% Halad 4 & .1% HR-5 to squeeze Lwr Thaynes perms 5370'-5390'. Spot cement. Pump 12 bbl in formation @ 1 bpm w/incr in pressure from 600 psi to 1100 psi. Staged cement 5 times at 15 min increments to obtain a 1000 psi squeeze. Reverse clean & pull 5 stds. Set pkr & pressure to 1000 psi. SDFN. Left 6 bbl in csg.  
Daily \$6,945 Cum \$68,752

12/5/84

TD - 13055'. PBDT - 5360'. FOH w/pkr. Ran cement mill, csg scraper, DC, & tbg. Tag cement @ 5208'. PU swivel. Drld cmt to 5370'. Encountered only stringers thru perms, 5370-90'. No cement below perms. CO to 5431'. Pressure to 1000 psi - bled to 500 psi in 3 min. Repressure to 1000 psi - bled to 400 psi in 5 min. Inject @ 1/2 bpm w/1175 psi. SOH. SDFN.  
Daily \$2,770 Cum \$71,522

12/6/84

TD - 13055'. PBDT - 5360'. FOH w/tbg & mill. GIH w/174 jts tbg to 5413'. RU HOWCO. Mix 50 sx Class A w/.4% Halad 4. Balance plug 5413-5132'. Pull 5 stds. Stage cement: Pump 1 bbl pressuring to 1500 psi. Shut down 15 min - no bleed off. Release pressure & flow back 1/2 bbl. Pump 1/2 bbl & pressure to 1500 psi. Shut down 15 min - no bleed off. Release pressure & flow back 1/2 bbl. Pull 10 stds. Pressure to 1000 psi. SDFN.  
Daily \$4,370 Cum \$75,892

12/7/84

TD - 13055'. PBDT - 5360'. FOH w/tbg. Ran cement mill. PU swivel. Tag cement @ 5195'. Drill out to 5418'. Circ clean. Test squeeze to 1000 psi for 15 min, ok. Pull 3 stds. SDFWE.  
Daily \$2,845 Cum \$74,367

12/8-10/84

TD - 13055'. PBDT - 5360'. SDFWE.

12/11/84

TD - 13055'. PBDT - 5360'. FOH w/tbg. PU pkr & GIH. Set pkr @ 5100'. RU to swab. Could not swab due to hard paraffin on tbg wall. Tried running broach and changing around tbg joints w/no success. SDFN. Will forego dry test & proceed to drill out PBP's.  
Daily \$4,580 Cum \$78,947

12/12/84

TD - 13055'. PBDT - 5360'. POH w/tbg & pkr. GIH w/bit, scraper, & DC. Clean out PBP @ 6210'. Drld on PBP @ 6210'. Made 4". Had cement & cast iron in returns. PU 3 stds. SDFN.  
Daily \$2,920 Cum \$81,867

12/13/84

TD - 13055'. PBDT - 6335'. Upr Phosphoria perms 6224-40'; Middle Phosphoria perms 6286-6316'. Drill on PBP @ 6210'. Plug came loose. Chase PBP to 6270'. Circ. btms. up - no H<sub>2</sub>S smell or oil show. Drld. on PBP @ 6270'. Plug came loose. Chase PBP to cement retainer at 6335'. Circ. btms. up - no H<sub>2</sub>S smell or or oil show. LD power swivel. PU tbg. broach. Stacked out @ 250' due to paraffin buildup. SDFN. Will PU & circ. hot water today to clean up tbg.  
Daily \$2,695 Cum - \$84,562

## Well History

UTAH

SOHIO

Christmas Creek 35-B, Page 4

12/14/84

TD - 13055'. PBTB - 6335'. Upr Phosphoria perfs 6224-40'; Middle Phosphoria perfs 6286-6316'. RU hot oil truck. Heat produced water to 130 deg F. Circ down tbg. Return temp of water was 100 deg F. Attempt to broach tbg on sand line while circ well. Could make approx 200' before paraffin would ball up to stop broach. Cleaned a total of 900'. SDFN. Will get slickline truck w/paraffin knives to complete tbg clean out.

Daily \$2,540                      Cum - \$87,102

12/15/84

TD - 13055'. PBTB - 6335'. Upr Phosphoria perfs 6224-40'; Middle Phosphoria perfs 6286-6316'. WHP-0. RU hot oil truck and slick line unit. Circ 200°F water down csg. While cutting paraffin. Clean tbg to top of collars. RD slickline unit. Tally out w/tbg. LD DC. SDFN (Saw no oil while circ.)

Daily \$5,845                      Cum \$92,947

12/16/84

TD - 13055'. PBTB - 6335'. Upr Phosphoria perfs 6224-40'; Middle Phosphoria perfs isolated by RBP. WHP-0. RU wireline (OWP). Ran junk basket w/6.00" gauge ring to 6324'. FL-1100' from surface. PU Baker RBP and set at 6265' to isolate Middle Phosphoria perfs. Ran GR-CC1 for depth tie-in. Reperforate Upper Phosphoria 6224-32' w/4" carrier (4SPF). RD wireline PU Baker 'E' perf wash tool. RIH. Left hang above perfs. SDFN

Daily \$6,626                      Cum \$99,573

12/17/84

TD - 13055'. PBTB - 6335'. Upr Phosphoria perfs 6224-40'; Middle Phosphoria perfs isolated by RBP. RU Dowell to treat Upr. Phosphoria perfs 6224-32'. Test lines, space tool, and load annulus. Spot acid to btm. of tbg. Treat using cup type perf wash tool w/1' spacing. Pump 1000 gal. MSR-100 w/5 gal surfactant, 2 gal inhibitor, and 20 gal. acetic acid.

<u>Foot</u>	<u>Bbl. Acid</u>	<u>IP</u>	<u>Rate</u>	<u>Break To</u>
6232	2.5	3600	1/8	--
6231	1.0	3900	1/8	--
6230	2.5	2300	1/2	1100
6229	2.5	700	1/2	500
6228	2.5	1500	1/2	300
6227	2.0	2000	1/2	200
6226	2.0	2600	1/2	200
6225	2.5	250	1/2	200
6224	2.5	500	1/2	300

Move tool to 6323' and pressure to 2000 psi - ok. Move tool to 6232' and treat with remaining acid as follows:

6232' pump 2 bbl @ 1/2 bpm w/700 psi.

6231' pump 2 bbl @ 1/2 bpm w/700 psi.

Move tool above perfs and displ. w/41 bw. Total load is 65 bbl. POH. Ran pkr & set @ 6091'.

RU to swab. FL 1000' from surface. Swab from 1500'. Recovered 30 BW. SDFN and weather. Have 35 bbl load to recover.

Daily \$9670                      Cum \$109,243

12/18/84

TD - 13055'. PBTB - 6335'. Upr Phosphoria perfs 6224-40'; Middle Phosphoria perfs 6286-6316'. FL 700' from surface. Swab remaining 35B of load plus an additional 20 BF. Working FL at 1800'. Grindout on last samples was 5% oil. Released packer and POH. PU Centrilift equipment and run 16 stands of tubing. SDFN

Daily \$5720                      Cum \$114,963

## Well History

UTAH  
SOHIO

Christmas Creek 35-B, Page 5

12/19/84

TD - 13055'. PBSD - 6335'. Upr Phosphoria perms 6224-40'; Middle Phosphoria perms 6286-6316'. 0. TP. Finished running in the hole with Centrilift equipment and 195 jts of tubing. Bottom of motor is at 6114 KB and pump intake is at 6090' KB. Started well up and pumped for 3 hours. Pumping in Mode 1 at 60 HZ. Pumping bottomhole pressure was 2056 psi.  
Daily \$3870                      Cum \$118,833

12/20/84

TD - 13055'. PBSD - 6335'. Upr Phosphoria perms 6224-40'; Middle Phosphoria perms 6286-6316'. Released rig and rental eqpt. Panel will not stabilize in Mode 1 - well goes down in Mode 1 w/no apparent reason and no indicator lights. Changed to Mode 2. Seemed to pump o.k. Oil cut 10-15% from wellhead samples. Will get Centrilift drive technician back to work on panel.  
Daily \$4450                      Cum \$123,283

12/21/84

TD - 13055'. PBSD - 6335'. Upr Phosphoria perms 6224-40'; Middle Phosphoria perms 6286-6316'. Completed 12/18/84. Testing. Pumping in Mode 2. Pumped 351 bf (21 bo and 330 bw in 21 hr. Water cut - 94%. Frequency 59 Hz.  
Daily \$ 0                              Cum \$123,283

12/22/84

TD - 13055'. PBSD - 6335'. Upr Phosphoria perms 6224-40'; Middle Phosphoria perms 6286-6316'. Pumped 2 bo and 479 bw in 21 hr. Down 3 hr. - panel. 99% wtr. WHP - 20 psi. 60 Hz., 35.8 amp., FBHP - 2050 psig.

12/23/84

Pumped 20 bo and 328 bw in 21 hr. 94% wtr. 22 psi WHP, 60 Hz, 36.5 amp., FBHP - 2005 psig. Installed new computer in control panel. Now running in Mode 1. Could not keep well on line at 200 bfpd rate.

12/24/84

Pumped 65 BO, 397 BW, 78% water, 22 psi, 60 hz., 38.9 amps, FBHP 2000 #, No DT.

12/25/84

Pumped 76 BO, 407 BW, 84% wtr., 22 psi, 60 HZ, Amp 38.5, FBHP 1998 No DT.

12/26/84

Pumped 73 bo, 392 bw, 84% wtr, 22 psi, 56 Hz, 36.2 amp, FBHP - 2034.

12/27/84

TD - 13,055'. PBSD - 6335' Upr Phosphoria perms 6224-40'; Middle Phosphoria perms 6286-6316'. Pumped 41 bo, 291 bw, 88% wtr, 22 psi, 41 Hz, 27.4 amp, FBHO-2105 psig.

12/28/84

TD - 13,055'. PBSD - 6335' Upr Phosphoria perms 6224-40'; Middle Phosphoria perms 6286-6316'. Pumped 40 bo, 247 bw, 86% wtr, 22 psi, 40 Hz, 27.5 amp, FBHP-2100 psig.

6

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

5. LEASE DESIGNATION AND SERIAL NO.

Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NA

7. UNIT AGREEMENT NAME

Christmas Creek II

8. FARM OR LEASE NAME

Christmas Creek

9. WELL NO.

35B

10. FIELD AND POOL OR WILDCAT

Wildcat  
Christmas Creek

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec. 35, T2N, R10E

12. COUNTY OR PARISH

Summit

13. STATE

Utah

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: Sohio Petroleum Company

3. ADDRESS OF OPERATOR: P. O. Box 30, Casper, WY 82602

4. LOCATION OF WELL (Report location clearly and in accordance with any State regulations):  
At surface 1841' FWL & 1918' FNL **SE NW**  
At top prod. interval reported below 95.2' N and 96.3' E of surface location at 6220'.  
~~\*\*\*\*\*~~

DIVISION OF OIL  
GAS & MINING

FEB 4 1985

RECEIVED

CONFIDENTIAL

14. PERMIT NO. DATE ISSUED

43-043-30240 | 11-9-84

15. DATE SPUNDED 16. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.) 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 19. ELEV. CASINGHEAD  
12-18-84 8801' GR; 8821' KB 8801'

20. TOTAL DEPTH, MD & TVD 21. PLUG BACK T.D., MD & TVD 22. IF MULTIPLE COMPL., HOW MANY\* 23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS  
6335' PBP 6265' RBP Workover Rig

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*  
Upper Phosphoria: Top 6225'; Bottom 6284'; MD-6225';  
PSPR TVD - 6225'; Perforations 6224 - 40'

25. WAS DIRECTIONAL SURVEY MADE  
26. TYPE ELECTRIC AND OTHER LOGS RUN  
27. WAS WELL CORED

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

CASINO SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
7"	26 & 29	6933	8 1/2	350 sx, Class 'G'	

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	6114'	None

31. PERFORATION RECORD (Interval, size and number)  
Reperforated Upper Phosphoria 6224-32'; overall perms previously opened were 6224-40'. Perf'd 4 SPF w/ .5" dia. holes. Middle Phosphoria perms 6286-6316' isolated below RBP @ 6265.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5302-28'	Thaynes Sq 3 times w/200 sx. Class A
5370-90'	Lwr Thaynes Sq w/50 sx. Class A
6224-32'	Phosp. Acidize w/1000 gal 15% MSR-100

33.\* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
12-19-84	Electric Submersible Pump	Shut In

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
1-22-85	24	Open Line	→	65	TSTM	485	--

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
23 psig	0	→	65	TSTM	485	31.3° API @ 60° F

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)  
Used for lease fuel - no vent

35. TEST WITNESSED BY  
Jeff Atwood

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

SIGNED W. H. Ward TITLE District Manager DATE 1-30-85

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





STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

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

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

June 24, 1985

SOHIO Petroleum Company  
P.O. Box 30  
Casper, Wyoming 82602

Gentlemen:

Re: Well No. Christmas Creek 35-B - Sec. 35, T. 2N., R. 10E.,  
Summit County, Utah - API #43-043-30240

We have received your well completion report indicating that this well is temporarily abandoned; however, there is no information as to where the temporary plugs are set.

If plugs have been set, it is necessary to submit this information on a "Sundry Notice". If plugs haven't been set, the well is not temporarily abandoned; it is either shut in or operations have been suspended.

We have enclosed forms for your convenience in reporting this information to us.

Sincerely,

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

Pam Kenna  
Well Records Specialist

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

0170S/74

3-18-86

Sohio

Christmas Creek 35-B

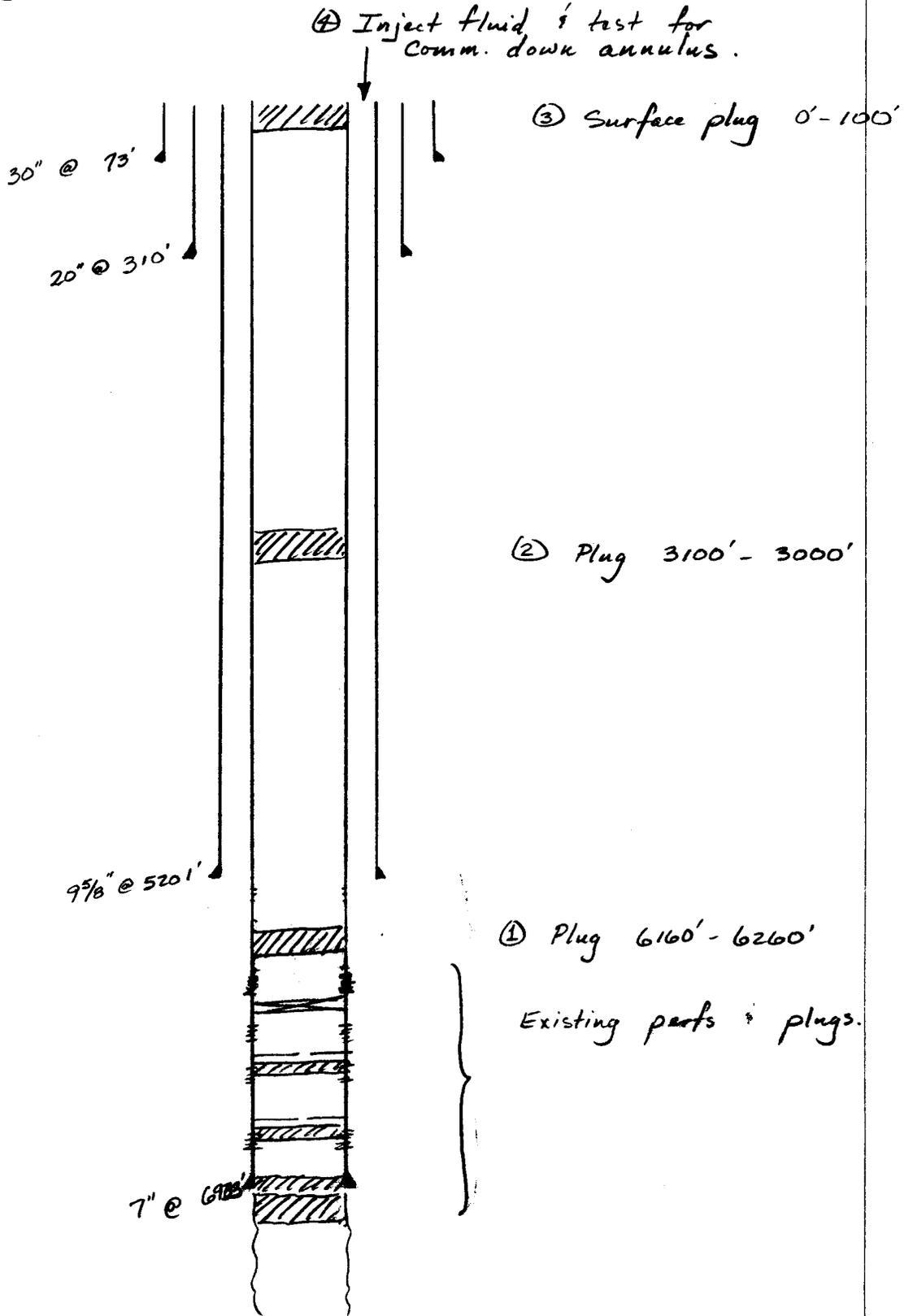
Sec. 35, T2N, R10E

Summit Co.

- Requested plugging instructions for well.
- Will send in snudry notice.

Sohio  
Christmas Creek 35-B  
Sec. 35, T2N, R10E  
Summit Co.

Plugging Proposal:



Leay

SEE IN TRIPLICATE (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 Christmas Creek II 8. FARM OR LEASE NAME Christmas Creek 9. WELL NO. 35-B 10. FIELD AND POOL, OR WILDCAT Wildcat 11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA Section 35, T2N, R10E 12. COUNTY OR PARISH 13. STATE Summit Utah

1. OIL WELL [X] GAS WELL [ ] OTHER [ ] 2. NAME OF OPERATOR Sohio Petroleum Company 3. ADDRESS OF OPERATOR P. O. Box 30, Casper, WY 82602 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1841' FWL and 1918' FNL (SE/4 NW/4) 14. PERMIT NO. 43-043-30240 15. ELEVATIONS (Show whether of, to, or, etc.) 8801' GR; 8823' KB

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data NOTICE OF INTENTION TO: TEST WATER SHUT-OFF [ ] PULL OR ALTER CASING [ ] FRACTURE TREAT [ ] MULTIPLE COMPLETE [ ] SHOOT OR ACIDIZE [ ] ABANDON\* [ ] REPAIR WELL [ ] CHANGE PLANS [ ] (Other) [ ] SUBSEQUENT REPORT OF: WATER SHUT-OFF [ ] REPAIRING WELL [ ] FRACTURE TREATMENT [ ] ALTERING CASING [ ] SHOOTING OR ACIDIZING [ ] ABANDONMENT\* [X] (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.)

Well abandonment per Sundry Notice approved 5/23/86 was accomplished as follows:

- (1) Installed BOP. Tagged PBP @ 6265'.
(2) Balanced 20 sk. Class H neat plug 6260-6150'.
(3) Balanced 20 sk. Class H neat plug 3098-2988'.
(4) Balanced 20 sk. Class H neat plug 124-14'.
(5) Tie on to 7" X 9-5/8" annulus. Pressured to 1000 psi and could not pump in.
(6) Removed pumping well head assembly. Well information marker plate to be welded on csg. head. Well P&A 3 P.M. 6/25/86.
(7) Dismantling of tank battery and location rehab to be done.

18. I hereby certify that the foregoing is true and correct SIGNED [Signature] TITLE District Production Supt. DATE 6/26/86 (This space for Federal or State office use)

APPROVED BY [Signature] TITLE Partners - cc: BLM Land Dept. T. R. Brown \*See Instructions on Reverse Side

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

SUBMIT IN TRIPLICATE  
(Other instructions on reverse side)

070200

37

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR  
Sohio Petroleum Company

3. ADDRESS OF OPERATOR  
P. O. Box 30, Casper, WY 82602

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)  
At surface  
  
1841' FWL and 1918' FNL (SE/4 NW/4)

14. PERMIT NO.  
43-043-30240

15. ELEVATIONS (Show whether OP, RT, GR, etc.)  
8801' GR; 8823' KB

5. LEASE DESIGNATION AND SERIAL NO.  
Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
---

7. UNIT AGREEMENT NAME  
Christmas Creek II

8. FARM OR LEASE NAME  
Christmas Creek

9. WELL NO.  
35-B

10. FIELD AND POOL, OR WILDCAT  
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Section 35, T2N, R10E

12. COUNTY OR PARISH  
Summit

13. STATE  
Utah

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

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

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

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

Well abandonment per Sundry Notice approved 5/23/86 was accomplished as follows:

- (1) Installed BOP. Tagged PBP @ 6265'.
- (2) Balanced 20 sk. Class H neat plug 6260-6150'.
- (3) Balanced 20 sk. Class H neat plug 3098-2988'.
- (4) Balanced 20 sk. Class H neat plug 124-14'.
- (5) Tie on to 7" X 9-5/8" annulus. Pressured to 1000 psi and could not pump in.
- (6) Removed pumping well head assembly. Well information marker plate to be welded on csg. head. Well P&A 3 P.M. 6/25/86.
- (7) Dismantling of tank battery and location rehab to be done.

RECEIVED  
JUN 30 1986

DIVISION OF  
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct  
SIGNED [Signature] TITLE District Production Supt. DATE 6/26/86  
E. J. Hoffer

(This space for Federal or State office use)  
APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING  
DATE: 7-7-86  
BY: [Signature]  
cc: BLM  
Land Dept. T. R. Brown \*See Instructions on Reverse Side  
Well File

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPPLICATE\*  
(Other instructions on reverse side)

**SUNDRY NOTICES AND REPORTS ON WELLS**  
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

RECEIVED

1. OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR  
Sohio Petroleum Company

3. ADDRESS OF OPERATOR  
P. O. Box 30, Casper, WY 82602

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)  
At surface  
1841' FWL, 1918' FNL (SE/4 NW/4)

14. PERMIT NO.  
43-043-30240

15. ELEVATIONS (Show whether SF, RT, OR, etc.)  
8801' GR, 8823' KB

5. LEASE DESIGNATION AND SERIAL NO.  
Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
N/A

7. UNIT AGREEMENT NAME  
Christmas Creek II

8. FARM OR LEASE NAME  
Christmas Creek

9. WELL NO.  
35-B

10. FIELD AND POOL, OR WILDCAT  
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Section 35, T2N, R10E

12. COUNTY OR PARISH  
Summit

13. STATE  
Utah

DIVISION OF OIL  
GAS & MINING

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

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

(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.)

Completion report submitted 1/30/85 listed status of the subject well as "temporarily abandoned". Per letter dated 6/24/85, the status was questioned. Per Sohio definition the well is temporarily abandoned. Per State of Utah definition the well is shut in.

Only Upper Phosphoria perms 6224-40' are open and tubing is in the well but all pumping equipment has been removed. No cement or permanent bridge plugs have been set.

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

SIGNED F. J. Hoffer TITLE District Production Supt. DATE 7/30/85

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

Original & 1 to State  
cc: File  
TR

\*See Instructions on Reverse Side

Utah Oil & Gas  
Salt Lake City, Utah

May 22, 1991

To Whom it may concern,

Attached is an ADP for the subject well. The designation of operator statement will be forwarded shortly. If you have any question or comments, please contact me at 713-552-6328.

43-043-30240

Sec. 25 T. 2N R. 10E

Thank You,



Ron Auflick

RECEIVED

MAY 28 1991

DIVISION OF  
OIL GAS & MINING

~~Re-entry~~

OPERATOR Black Diamond DATE 5-30-91

WELL NAME Christmas Creek 35-H (Re-entry of 35-B)

SEC 35 T Oil R IOE COUNTY Summit

API NUMBER

Free (4)  
TYPE OF LEASE

CHECK OFF:

PLAT.

BOND

NEAREST WELL

LEASE

FIELD SLBM

POTASH OR OIL SHALE

PROCESSING COMMENTS:

water permit

ROCC-5-30-91

Permit 6-21-91 / Geology when 6-26-91

Application for re-entry returned 5-29-91 unapproved.

APPROVAL LETTER:

SPACING:

R615-2-3

UNIT

R515-3-2

CAUSE NO. & DATE

R615-3-3

STIPULATIONS:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_