

FILE NOTATIONS

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

Checked by Chief *PR*
Approval Letter *J. H. H. 7-15-71*
Disapproval Letter

COMPLETION DATA:

Date Well Completed

Location Inspected

OW..... WW..... TA.....

Bond released

GW..... OS..... PA.....

State or Fee Land ...

LOGS FILED

Driller's Log.....
Electric Logs (No.) *No. LOGS RUN*
E..... I..... Dual I Lat..... GR-N..... Micro.....
BHC Sonic GR..... Lat..... Mi-L..... Sonic.....
CBLog..... CCLog..... Others.....

Branch of Oil and Gas Operations
8416 Federal Building
Salt Lake City, Utah 84111

July 16, 1971

Mr. W. A. Walther, Jr.
Atlantic Richfield Company
501 Lincoln Tower Building
Denver, Colorado 80203

Re: Well No. 1-C San Arroyo unit
SE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 26, T. 16 S., R. 25 E., S.L.M.
Well No. 3-C San Arroyo unit
SE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 23, T. 16 S., R. 25 E., S.L.M.
Grand County, Utah

Dear Mr. Walther:

Enclosed are your copies of the Applications for Permit to Drill the referenced wells which were approved by this office on July 16, 1971.

Your Applications did not include the type of pressure control equipment that is to be used in drilling these wells. Please advise what type is to be used and how it is to be tested.

Sincerely,

(ORIGINAL) G. DANIELS

Gerald R. Daniels
District Engineer

Enclosures

cc: ✓State Div. O&G Cons.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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
Atlantic Richfield Company

3. ADDRESS OF OPERATOR
501 Lincoln Tower Building, 1860 Lincoln St., NESENW

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
 At surface
NE SE NW - 1400' f/North line and 2530' f/West line Sec. 26.
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
3000'

16. NO. OF ACRES IN LEASE
640

17. NO. OF ACRES ASSIGNED TO THIS WELL
320

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
315'

19. PROPOSED DEPTH
635'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
603 1/2' ungraded

22. APPROX. DATE WORK WILL START*
When approval rec'd.

23. PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|--------------|----------------|-----------------|---------------|------------------------------|
| 8-3/4" | 7" | | 15' | None (to be pulled) 80 sk |
| 6-1/4" | 4-1/2" | 9.5# K-55 | 560' | |

It is proposed to drill this well, using air to depth sufficient to test the Castlegate formation. Anticipated top of Castlegate - 560'. 7"OD casing will be set at 15' on shoulder with mud. Mud up air drilled hole prior to running casing. Cement 4-1/2"OD casing @ 560' w/80 sk cement. Drill out cement shoe and Castlegate sand with air to 635' and test.

Due to the mountainous and rough terrain, an exception to the State of Utah Oil and Gas Conservation Commission Rule C-3, Well Spacing Requirements, is hereby requested. Atlantic Richfield is the owner of lands comprising the San Arroyo Unit, Township 16 South, Ranges 25 and 26 East, Grand County, Utah. The proposed location is approx. 315' north of well No. 1 San Arroyo Unit.

Certified location plat attached.

Supplemental Plan of Development mailed Mr. C. J. Curtis July 13, 1971.

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.

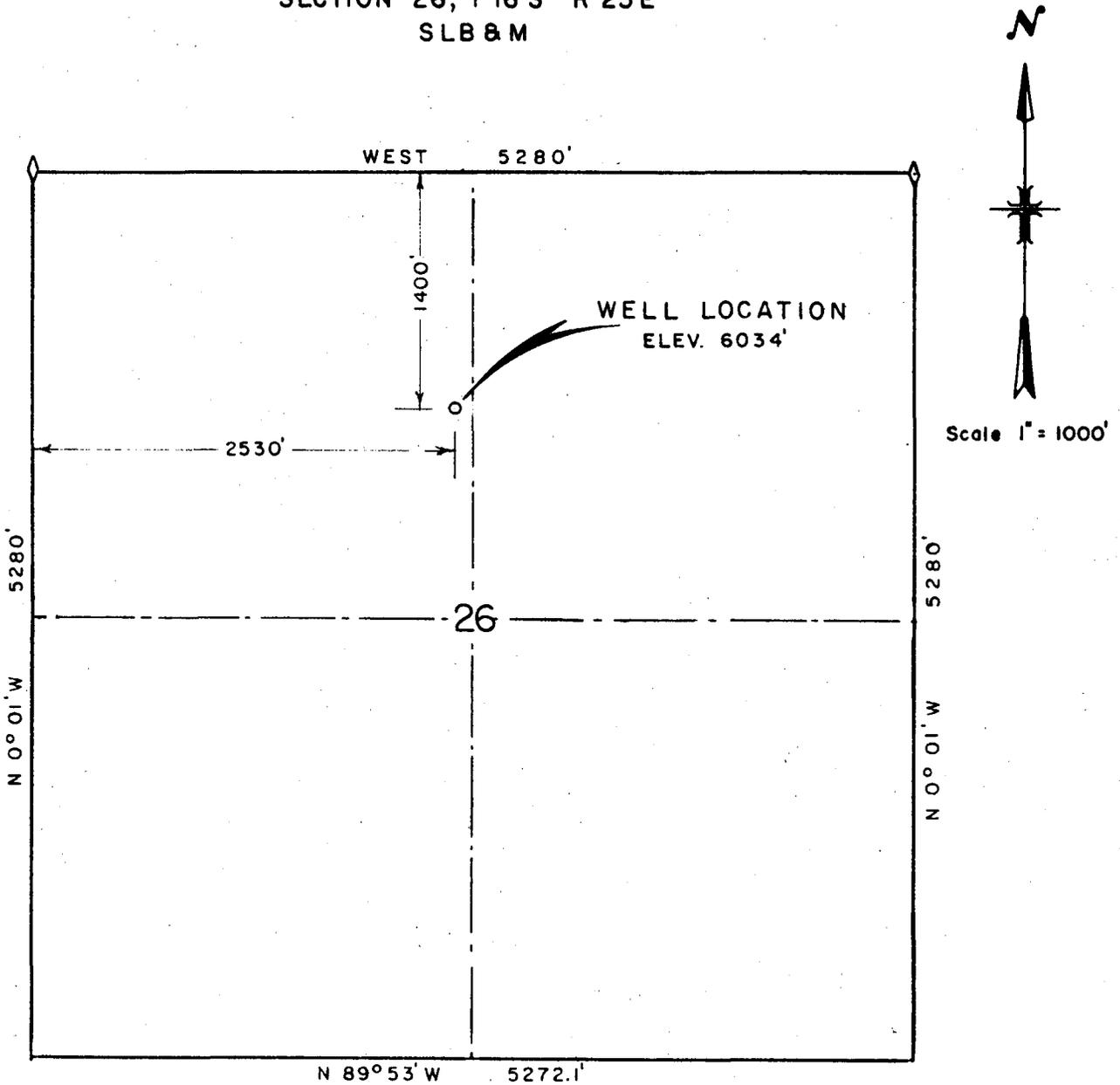
24. SIGNED *W. A. Walther, Jr.* TITLE Dist. Prod. & Drlg. Supt. DATE 7-13-71
 (This space for Federal or State office use)

PERMIT NO. 43-019-3006P APPROVAL DATE _____

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

WELL LOCATION

1400 FT. S.N.L. - 2530 FT. E.W.L.
SECTION 26, T 16 S R 25 E
SLB & M



Note: Elevation referred to ARCO San Arroyo No. 1 Well - Elev. 6032'

I, John C. Shepherd do hereby certify that this plat was plotted from notes of a field survey made under my direct responsibility, supervision and checking on June, 19 71.

John C. Shepherd
Registered Land Surveyor

WESTERN ENGINEERS, INC.
WELL LOCATION
ATLANTIC RICHFIELD CO.
SAN ARROYO
CASTLEGATE NO. 1 - C
GRAND COUNTY, UTAH

SURVEYED C. J. B. DRAWN F. B. F.
GRAND JUNCTION, COLO. 6/25/71

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

Salt Lake City 071307

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

- -

7. UNIT AGREEMENT NAME

San Arroyo Unit

8. FARM OR LEASE NAME

San Arroyo Unit-Castlegate

9. WELL NO.

1-C

10. FIELD AND POOL, OR WILDCAT

San Arroyo - Castlegate

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

Sec. 26-16S-25E

12. COUNTY OR PARISH | 13. STATE

Grand | Utah

SUNDRY NOTICES AND REPORTS ON WELLS

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

1.

OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR

Atlantic Richfield Company

3. ADDRESS OF OPERATOR

501 Lincoln Tower Bldg., 1860 Lincoln St., Denver, Colo. 80203

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)

At surface

NE SE NW - 1100' E/North & 2530' E/West lines Sec. 26

14. PERMIT NO.

Mr. Daniel, 7/16/71

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

603 1/2' OL

16.

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

Setting surface casing

(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.)*

Spud 8-3/4" hole @ 12 noon 8/23/71. Drld to 65'. Set 62.21' of 7"OD 20# J-55 casing at 65' KB, cemented with 20 sacks common cement, 2-1/2% CaCl, plug down 8:15 p.m. 8/23, cement circulated. WOC.

Rippled up, installed BOP, tested BOP & casing to 500#, held O.K.. Drld out cnt, started drlg 6-1/4" hole 3:00 p.m. 8/24/71.

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

SIGNED

M. E. Brown
M. E. Brown

TITLE

Drilling Clerk

DATE

8/30/71

(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

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

Salt Lake City 071307

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

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

| | | |
|--|--|--|
| 1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER | | 7. UNIT AGREEMENT NAME |
| 2. NAME OF OPERATOR Atlantic Richfield Company | | San Arroyo Unit |
| 3. ADDRESS OF OPERATOR 501 Lincoln Tower Bldg., 1860 Lincoln St., Denver, Colorado 80203 1-C | | 8. FARM OR LEASE NAME San Arroyo Unit-Castlegate |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface NE SE NW - 1400' E/North & 2530' E/West lines Sec. 26 | | 9. WELL NO. |
| 14. PERMIT NO. Mr. Daniel, 7/16/71 | | 10. FIELD AND POOL, OR WILDCAT San Arroyo - Castlegate |
| 15. ELEVATIONS (Show whether DF, RT, GR, etc.) 603 1/2' GL | | 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 26-168-25E |
| | | 12. COUNTY OR PARISH Grand |
| | | 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) Set producing string <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.)*

Air drilled 6-1/4" hole to 542'. Set 4-1/2" & 1 jt 5-1/2" csg as follows:

| | |
|-----------------------------|----------------|
| 1 jt 5-1/2" OD 15.5# J-55 | 33.20' |
| 16 jts 4-1/2" OD 10.5# J-55 | 504.92' |
| Guide shoe | .75' |
| | 538.77' |

Set at 541' KB, cemented with 80 sacks Class #GP, 2% CaCl, pres w/ 20 bbl galled water, cement circulated, job complete 5:30 p.m. 8/25/71. WOC.

Wipped up, tested BOP to 500#, held O.K.. Drilled cement float & shoe. Started drlg 3-7/8" hole 7:15 p.m. 8/26/71.

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

SIGNED *M. E. Brown* TITLE Drilling Clerk DATE 8/30/71
M. E. Brown

(This space for Federal or State office use)

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

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 San Arroyo Unit-Castlegate, Well #1-C
Operator Atlantic Richfield Company Address 501 Lincoln Tower Bldg. Denver, Colorado 80203 Phone 266-2160
Contractor Beeman Drilling Company Address Spanish Valley Drive Moab, Utah Phone 259-6702
Location SE 1/4 NW 1/4 Sec. 26 T. 16S R. 25E E Grand County, Utah

Water Sands:

| <u>Depth</u> | | <u>Volume</u> | <u>Quality</u> |
|--------------|----------------------|-------------------|----------------|
| From | To | Flow Rate or Head | Fresh or Salty |
| 1. | NO WATER ENCOUNTERED | | |
| 2. | | | |
| 3. | | | |
| 4. | | | |
| 5. | | | |

(Continue on reverse side if necessary)

Formation Tops:

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.

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5

5. LEASE DESIGNATION AND SERIAL NO.

Salt Lake City 071307

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

San Arroyo Unit

8. FARM OR LEASE NAME

San Arroyo Unit-Castlegate

9. WELL NO.

#1-0

10. FIELD AND POOL, OR WILDCAT

San Arroyo

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

Sec. 26-16S-25E

12. COUNTY OR PARISH

Grand

13. STATE

Utah

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other **SI f/Evaluation**

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

2. NAME OF OPERATOR

Atlantic Richfield Company

3. ADDRESS OF OPERATOR

501 Lincoln Tower Bldg., 1860 Lincoln St., Denver, Colo. 80203

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface **NE SE NW - 1400' f/North & 2530' f/West Lines Sec. 26**

At top prod. interval reported below **Same**

At total depth **Same**

14. PERMIT NO.

Mr. Daniels

DATE ISSUED

7/16/71

15. DATE SPUDED

8/23/71

16. DATE T.D. REACHED

8/27/71

17. DATE COMPL. (Ready to prod.)

9/2/71 (SI f/eval)

18. ELEVATIONS (DF, REB, RT, GR, ETC.)*

603 1/2' OL.

19. ELEV. CASINGHEAD

603 1/2'

20. TOTAL DEPTH, MD & TVD

645'

21. PLUG, BACK T.D., MD & TVD

--

22. IF MULTIPLE COMPL., HOW MANY*

single

23. INTERVALS DRILLED BY

→

ROTARY TOOLS

0-645'

CABLE TOOLS

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

Castlegate open hole - 545' to 645'

25. WAS DIRECTIONAL SURVEY MADE

no

26. TYPE ELECTRIC AND OTHER LOGS RUN

No logs run

27. WAS WELL CORED

None

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

| CASING SIZE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
|---------------------|-----------------|----------------|---------------|-------------------------------|---------------|
| 7" | 20# | 65' KB | 8-3/4" | 20 Sacks w/2 1/2% CaCl | none |
| Prod. String | | | | | |
| 5 1/2" | 15.5# | 33.10' | 6-1/4" | 70 w/ 2% CaCl | none |
| 4 1/2" | 10.5# | 504.92' | | | |

29. Shoe LINER RECORD **.75' / 538.77' KB**

| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE | DEPTH SET (MD) | PACKER SET (MD) |
|------|----------|-----------------|---------------|-------------|---------------|----------------|-----------------|
| | | No liner | | | 2-3/8" | 609.75' | none |

31. PERFORATION RECORD (Interval, size and number)

Not perforated

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

| DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED |
|------------------------------------|----------------------------------|
| Not run treated or squeezed | |

33.* PRODUCTION

| | | |
|---|--|---|
| DATE FIRST PRODUCTION 8/28/71 | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing | WELL STATUS (Producing or shut-in) Shut in f/evaluation |
| DATE OF TEST 9/2/71 | HOURS TESTED Tested w/2" critical flow prover - See back side. | CHOKE SIZE 2" |
| FLOW. TUBING PRESS. | CASING PRESSURE | CALCULATED 24-HOUR RATE |
| | | → |
| | | |

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
Currently shut in. (When, as is, sold, will be sold to Mountain Fuel Supply.)

TEST WITNESSED BY

Vic Jones

35. LIST OF ATTACHMENTS

Utah Form GGC-8-X

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

SIGNED

M. E. Brown
M. E. Brown

TITLE

Drilling Clerk

DATE

9/8/71

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

INSTRUCTIONS

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

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

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

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

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

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

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

| FORMATION | TOP | BOTTOM | DESCRIPTION, CONTENTS, ETC. | NAME | MEAS. DEPTH | TOP TRUE VERT. DEPTH |
|--|-----|--------|-----------------------------|---|--------------------|-------------------------|
| <p>56 hr SITP 1064. Tested 1/2" critical flow prover: 1/16" plate, 6.5 MCFD @ 654 3/32" plate, 9.8 MCFD @ 616 1/8" plate, 12.6 MCFD @ 214 3/16" plate, 14.4 MCFD @ 64</p> <p>Blow to atmosphere, while changing plates, dec to 0f. 15 hr SITP 964, blow to atmosphere & dead in 3 minutes.</p> | | | | <p>Castlegate (No logs run, calculated from 5644) (logs on Well #1.)</p> | <p>545'</p> | <p>545'</p> |

38. GEOLOGIC MARKERS

SEP 10 1971

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

Salt Lake City - 07307

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

San Arroyo Unit

8. FARM OR LEASE NAME

San Arroyo Unit - Castlegate

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

San Arroyo - Castlegate

11. SEC., T., R., OR BLM. AND SURVEY OR AREA

Sec. 26 - 34S - 23E

12. COUNTY OR PARISH

Grand

13. STATE

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Atlantic Richfield Company

3. ADDRESS OF OPERATOR
501 Lincoln Tower Bldg., 1860 Lincoln St., Denver, Colo. 80203

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
NE SE NW - 1400' 1/2 North & 2530' 1/2 West lines Sec. 26

14. PERMIT NO.
Mr. Daniels, 7/16/71

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
603 1/2 ft

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

Completion

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(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.)*

Drilled 3-7/8" hole 1/5" to 615'. Palled out. Run 20 jts 2-3/8" OD 4.7# J-55 NUE tubing, set at 609.75' KB.

56 hr SITP 106#. Test w/ 2" critical flow prover:

1/16" plate, 6.5 MCFD, 65'; 3/32" plate, 9.8 MCFD, 44';

1/8" plate, 12.6 MCFD, 24'; 3/16" plate, 14.4 MCFD, 6'.

Flow to atms. while changing plates, due to Cf. 15 hr SITP 96#. Flow to atms. & dead in 3 minutes. Testing completed 9/2/71. Shut in for future evaluation.

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

SIGNED **M. E. Brown**

TITLE **Drilling Clerk**

DATE **9/8/71**

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Salt Lake City
LEASE NUMBER 071307
UNIT San Arroyo

LESSEE'S MONTHLY REPORT OF OPERATIONS

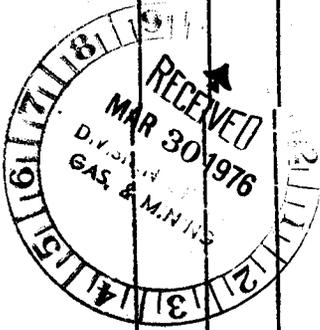
State Utah County Grand Field San Arroyo - Castlegate

The following is a correct report of operations and production (including drilling and producing wells) for the month of Feb, 1976,

Agent's address 1860 Lincoln St., Suite 501 Company Atlantic Richfield Company
Denver, Colorado 80203 Signed [Signature]

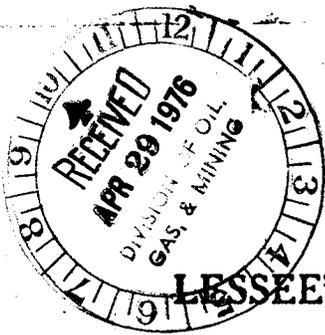
Phone 573-4002 Agent's title Accounting Supervisor

| SEC. AND 1/4 OF 1/4 | 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) | REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas) | |
|---------------------|------|-------|----------|---------------|------------------------------|---------|-------------------------------|-------------------------------|--------------------------------------|--|--|
| SE NW 26 | 16S | 25E | 1C | 0 | 0 | | 0 | | 0 | HFE | |
| TOTALS | | | | | 0 | | 0 | | 0 | | |
| GAS: (MCF) | | | | | OIL or CONDENSATE: (Barrels) | | | WATER DISPOSITION (Bbls.): | | | |
| Sold | | | | | Sold | | | Pit | | | |
| Vented/Flared | | | | | Used | | | Injected | | | |
| Used On Lease | | | | | Unavoidably Lost | | | Unavoidably Lost | | | |
| Lost | | | | | Reason | | | Reason | | | |
| Reason | | | | | | | | Other | | | |



Note.—There were 0 runs or sales of oil; 0 M cu. ft. of gas sold; 0 runs or sales of gasoline during the month. (Write "no" where applicable.)

Note.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.



**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

Budget Bureau No. 42-R366.A
Approval expires 12-31-60.

LAND OFFICE Salt Lake City
LEASE NUMBER 071307
UNIT San Arroyo

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Grand Field San Arroyo - Castlegate

The following is a correct report of operations and production (including drilling and producing wells) for the month of March, 1976,

Agent's address 1860 Lincoln St., Suite 501 Company Atlantic Richfield Company
Denver, Colorado 80203 Signed [Signature]

Phone 573-4002 Agent's title Accounting Supervisor

| SEC. AND 1/4 OF 1/4 | TWP. | RANGE | WELL NO. | DATE PRODUCED | BARRELS OF OIL | GRAVITY | CU. FT. OF GAS (In thousands) | GALLONS OF GASOLINE RECOVERED | BARRELS OF WATER (If none, so state) | REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas) | |
|---------------------|------|-------|----------|---------------|-------------------------------------|---------|-------------------------------|-----------------------------------|--------------------------------------|--|--|
| SE NW 26 | 16S | 25E | 1C | | | | | | | HFE | |
| TOTALS | | | | | | | | | | | |
| GAS: (MCF) | | | | | OIL or CONDENSATE: (Barrels) | | | WATER DISPOSITION (Bbls.): | | | |
| Sold | | | | | Sold | | | Pit | | | |
| Vented/Flared | | | | | Used | | | Injected | | | |
| Used On Lease | | | | | Unavoidably Lost | | | Unavoidably Lost | | | |
| Lost | | | | | Reason | | | Reason | | | |
| Reason | | | | | | | | Other | | | |

NOTE.—There were 0 runs or sales of oil; 0 M cu. ft. of gas sold; 0 runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

Budget Bureau No. 49-R356A
Approval expires 12-31-60.
LAND OFFICE Salt Lake City
LEASE NUMBER 071307
UNIT San Arroyo

LESSEE'S MONTHLY REPORT OF OPERATIONS

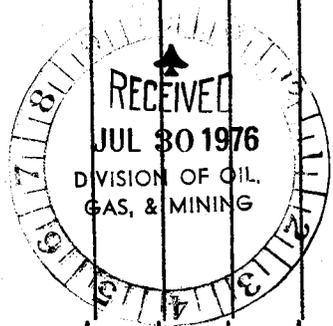
State Utah County Grand Field San Arroyo - Castlegate

The following is a correct report of operations and production (including drilling and producing wells) for the month of June, 1976

Agent's address 1860 Lincoln St., Suite 501 Company Atlantic Richfield Company
Denver, Colorado 80203 Signed J. H. Cooper

Phone 573-4002 Agent's title Accounting Supervisor

| SEC. AND 1/4 OF 1/4 | TWP. | RANGE | WELL No. | DATE PRODUCED | BARRELS OF OIL | GRAVITY | CU. FT. OF GAS (In thousands) | GALLONS OF GASOLINE RECOVERED | BARRELS OF WATER (If none, so state) | REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas) | |
|---------------------|------|-------|----------|---------------|------------------------------|---------|-------------------------------|-------------------------------|--------------------------------------|--|--|
| SE NW 26 | 16S | 25E | 1C | 0 | 0 | | 0 | | 0 | HFE | |
| TOTALS | | | | | 0 | | 0 | | 0 | | |
| GAS: (MCF) | | | | | OIL or CONDENSATE: (Barrels) | | | WATER DISPOSITION (Bbls.): | | | |
| Sold | | | | | Sold | | | Pit | | | |
| Vented/Flared | | | | | Used | | | Injected | | | |
| Used On Lease | | | | | Unavoidably Lost | | | Unavoidably Lost | | | |
| Lost | | | | | Reason | | | Reason | | | |
| Reason | | | | | | | | Other | | | |



NOTE.—There were 0 runs or sales of oil; 0 M cu. ft. of gas sold;

0 runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Salt Lake City
LEASE NUMBER 071307
UNIT San Arroyo

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Grand Field San Arroyo - Castlegate

The following is a correct report of operations and production (including drilling and producing wells) for the month of Jan, 1977.

Agent's address 1860 Lincoln St., Suite 501 Company Atlantic Richfield Company

Denver, Colorado 80203 80295 Signed [Signature]

Phone 573-4002 Agent's title Accounting Supervisor

| SEC. AND 1/4 OF 1/4 | TWP. | RANGE | WELL NO. | DATE PRODUCED | BARRELS OF OIL | GRAVITY | CU. FT. OF GAS (In thousands) | GALLONS OF GASOLINE RECOVERED | BARRELS OF WATER (If none, so state) | REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas) | |
|---------------------|------|-------|----------|---------------|------------------------------|---------|-------------------------------|-------------------------------|--------------------------------------|--|--|
| SE NW 26 | 16S | 25E | 1C | 0 | 0 | | 0 | | 0 | HFE | |
| TOTALS | | | | | 0 | | 0 | | 0 | | |
| GAS: (MCF) | | | | | OIL or CONDENSATE: (Barrels) | | | WATER DISPOSITION (Bbls.): | | | |
| Sold | | | | 0 | Sold | | | Pit | | | |
| Vented/Flared | | | | 0 | Used | | | Injected | | | |
| Used On Lease | | | | 0 | Unavoidably Lost | | | Unavoidably Lost | | | |
| Lost | | | | 0 | Reason | | | Reason | | | |
| Reason | | | | | | | | Other | | | |

NOTE.—There were 0 runs or sales of oil; 0 M cu. ft. of gas sold;

0 runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.



UTAH
NATURAL RESOURCE
Oil, Gas & Mining

355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Ut
84180-1203. (801-538-5340)

MONTHLY OIL AND GAS PRODUCTION REPORT

012919

Operator name and address:

• ARCO OIL & GAS COMPANY
 P O BOX 1610
 MIDLAND TX 79702
 ATTN: REVENUE ACCT/JEFF DECKER

Utah Account No. N0080

Report Period (Month/Year) 12 / 86

Amended Report

| Well Name | Producing Zone | Days Oper | Production Volume | Gas (MSCF) | Water (BBL) |
|------------------|------------------|-----------|-------------------|------------|-------------|
| API Number | Entity | Location | Oil (BBL) | | |
| X SAN ARROYO 21 | | | | | |
| 4301915901 | 00500 16S 25E 25 | DKTA | * | | |
| X SAN ARROYO 22 | | | | | |
| 4301915902 | 00500 16S 25E 15 | DKTA | * | | |
| X SAN ARROYO #24 | | | | | |
| 4301915903 | 00500 16S 26E 19 | DKTA | * | | |
| X SAN ARROYO 25 | | | | | |
| 4301915904 | 00500 16S 25E 21 | DKTA | * | | |
| X SAN ARROYO 26 | | | | | |
| 4301915905 | 00500 16S 26E 20 | DKTA | * | | |
| X SAN ARROYO 27 | | | | | |
| 4301915906 | 00500 16S 26E 29 | DKTA | * | | |
| X SAN ARROYO 28 | | | | | |
| 4301915907 | 00500 16S 26E 29 | DKTA | * | | |
| X SAN ARROYO 29 | | | | | |
| 4301915908 | 00500 16S 25E 22 | DKTA | * | | |
| X SAN ARROYO 1-C | | | | | |
| 4301930068 | 00500 16S 25E 26 | CSLGT | * | | |
| X SAN ARROYO 3-C | | | | | |
| 4301930069 | 00500 16S 25E 23 | CSLGT | * | | |
| X SAN ARROYO 31 | | | | | |
| 4301930527 | 00500 16S 25E 22 | DKTA | * | | |
| X SAN ARROYO 32 | | | | | |
| 4301930528 | 00500 16S 25E 14 | DKTA | * | | |
| X SAN ARROYO 33 | | | | | |
| 4301930608 | 00500 16S 25E 25 | DKTA | * | | |
| TOTAL | | | | | |

Comments (attach separate sheet if necessary) ** SEE COMMENT PAGE 1 OF 6 - * Properties Sold, Effective 9-1-86, To: Buch Corporation, 410 17th St, Denver Colorado 80202*

I have reviewed this report and certify the information to be accurate and complete.

Date 1-21-87

Jeff Decker
Authorized signature

JEFF DECKER

Telephone (915) 688-5414

ENTITY ACTION FORM - DOGM FORM 6

OPERATOR BIRCH CORPORATION
 ADDRESS 3801 E. FLORIDA AVE. #900
DENVER, COLORADO 80210
ATTN: JACKIE CANNON

OPERATOR CODE N9985
 PHONE NO. 303, 759-4400

OPERATORS MUST COMPLETE FORM UPON SPUDDING NEW WELL OR WHEN CHANGE IN OPERATIONS OR INTERESTS NECESSITATES CHANGE IN EXISTING ENTITY NUMBER ASSIGNMENT.

| ACTION CODE | CURRENT ENTITY NO. | NEW ENTITY NO. | API NUMBER | WELL NAME | WELL LOCATION | | | | | SPUD DATE | EFFECTIVE DATE |
|-------------|--------------------|----------------|--------------|----------------|---------------|----|-----|-----|--------|-----------|----------------|
| | | | | | QQ | SC | TP | RG | COUNTY | | |
| D | 00500 | 10869 | 43-019-30068 | SAN ARROYO 1-C | SEW | 26 | 16S | 25E | GRAND | 8-23-71 | 5-11-88 |

COMMENTS: Well is not a part of the DKTA/MRSN participating area. It is a SGW Castlegate formation as of 9/71. Ralph brought this to our attention (auditor). After reviewing matter a new entity was assigned. (JCR)

| | | | | | | | | | | | |
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COMMENTS:

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COMMENTS:

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COMMENTS:

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COMMENTS:

ACTION CODES: A - ESTABLISH NEW ENTITY FOR NEW WELL (SINGLE WELL ONLY)
 B - ADD NEW WELL TO EXISTING ENTITY (GROUP OR UNIT WELL)
 C - RE-ASSIGN WELL FROM ONE EXISTING ENTITY TO ANOTHER EXISTING ENTITY
 D - RE-ASSIGN WELL FROM ONE EXISTING ENTITY TO A NEW ENTITY
 E - OTHER (EXPLAIN IN COMMENTS SECTION)
 (SEE INSTRUCTIONS ON BACK OF FORM)

Lisa Romero
 SIGNATURE
OFFICE SPECIALIST 5-11-88
 TITLE DATE

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 pipe into different reservoirs. Use "APPLICATION FOR PERMIT—" for such proposals.)

RECEIVED
SEP 18 1989

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Birch Corporation

3. ADDRESS OF OPERATOR
3801 E. Florida Avenue, Suite 900, Denver, CO 80210

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface
1400' FNL & 2530 FWL

14. PERMIT NO.
43-019-30008

15. ELEVATIONS (Show whether of, ft, or, etc.)
6034' GL

5. LEASE DESIGNATION AND SERIAL NO.
UT SL-071307

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
San Arroyo Unit Castlegate

9. WELL NO.
#1-C

10. FIELD AND POOL, OR WILDCAT
San Arroyo

11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA
Sec 26, T16S, R25E
SLBM

12. COUNTY OR PARISH
Grand

13. STATE
UT

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

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

(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.)

7" csg @ 62.21"
TD 645'

- Procedure:
- 1) Fill hole w/cmt ~ 140 sacks
 - 2) Cutoff Surface pipe
 - 3) Install Abandonment Marker

Commence Work on Oct 15, 1989

| OIL AND GAS | |
|--------------|-----|
| DRN | RJF |
| ✓ JRB | GLH |
| DTS | SLS |
| 2-TAS | |
| 3- MICROFILM | ✓ |
| 4- FILE | |

18. I hereby certify that the foregoing is true and correct
SIGNED Norman Huss TITLE OPERATIONS MGR. DATE 9/14/89

(This space for Federal or State office use)

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

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

DATE: 9-22-89
BY: John R. Byr

Federal approval of this action is required before commencing operations.

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE*
(Other instructions reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

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

RECEIVED
NOV 02 1989
DIVISION OF
OIL, GAS & MINING

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Birch Corporation

3. ADDRESS OF OPERATOR
3801 E Florida Avenue, Suite 900, Denver, CO 80210

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface
1400' FNL & 2530 FWL

14. PERMIT NO.
43-019-30068

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
6034' GL

5. LEASE DESIGNATION AND SERIAL NO.
UT SL-071307

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
San Arroyo Unit-Castlegat

9. WELL NO.
1-C

10. FIELD AND POOL, OR WILDCAT
San Arroyo

11. SEC., T., R., E., M., OR BLK. AND SURVEY OR AREA
Sec 26, T16S, R25E
SLBM

12. COUNTY OR PARISH
Grand

13. STATE
UT

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

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

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

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

7" csg @ 62.21'
TD 645'

Procedure:

- 1) Fill hole w/cmt ~ 140 sacks
- 2) Cutoff Surface pipe
- 3) Install Abandonment Marker

Commence Work on Oct 15, 1989

| OIL AND GAS | |
|-------------|-------------|
| DRN | RJF |
| WRB ✓ | GLH |
| DTS | SLS |
| 2-TAS | |
| 3- | MICROFILM ✓ |
| 4- | FILE |

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

SIGNED *Thomas J. Gress* TITLE Operations Mgr. DATE 9/14/89

(This space for Federal or State office use)

APPROVED BY *Robert V. Klein* TITLE Acting District Mgr. DATE 9/20/89

CONDITIONS OF APPROVAL, IF ANY:

CONDITIONS OF APPROVAL ACCEPTED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

*See Instructions on Reverse Side

DATE 11-14-89
BY *John R. Sage*

Birch Corporation
Well No. San Arroyo 1-C
Sec. 26, T. 16 S., R. 25 E.
Grand County, Utah
Lease SL-071307

CONDITIONS OF APPROVAL

1. Notify the BLM Grand Resource Area at (801) 259-8193 24 hours prior to commencing operations.
2. No annular space that is exposed to open hole below shall be left open at the surface. If this condition exists, a 50 foot surface plug shall be emplaced.
3. When completed, submit to this office, a Subsequent Report of Abandonment (SRA) on Sundry Notice Form 3160-5 detailing the work that was accomplished.
4. Contact Jeff Robbins of the Grand Resource Area for surface reclamation requirements.

00330

RECEIVED FROM 

gordon engineering inc.
Consulting Engineer
Specialists in Oil and Gas

NOV 02 1989

P.O. BOX 3525
GRAND JUNCTION, CO 81502
(303) 245-1958

TO

JOHN BAZA

DIVISION OF OIL, GAS, & MINING

UTAH DEPARTMENT OF NATURAL RESOURCES

SUBJECT

PXA SAN ARROYO UNIT # 1-C

DATE

10/31/89

MESSAGE AS DISCUSSED EARLIER WITH RON FIRTH, WE ARE ENCLOSING A COPY OF THE APPROVED SUNDRY OF BIRCH'S INTENTION TO PXA THE WELL. OUR OFFICE WILL GIVE YOUR OFFICE AS MUCH TIME AS POSSIBLE PRIOR TO COMMENCING OPERATION.

THANKS

SIGNED

John L. Gosh

REPLY

NONE REQUIRED

SIGNED

DATE

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions on
reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

UT-SL-071307

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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
Birch Corporation

3. ADDRESS OF OPERATOR
3801 East Florida, Suite 900, Denver, CO 80210

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

1400' FNL & 2530' FWL

14. PERMIT NO.
43-019-30068

15. ELEVATIONS (Show whether DF, RT, CR, etc.)
6034 GR

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

San Arroyo Unit - Castlegate

9. WELL NO.

1-C

10. FIELD AND POOL, OR WILDCAT

San Arroyo

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

Sec. 26 - T16S-R25E

SLBM

12. COUNTY OR PARISH

Grand

13. STATE

UT

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(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.)*

11/14/89 Plug well by pumping 24 sx Type II cement down tbg. and 24 sx Type II cement down annulus between tbg. and csg. Filled up well to surface. Job complete @ 1:30 p.m.

11/20/89 Install dry hole marker.

| OIL AND GAS | |
|-------------|-----------|
| DRN | RJF |
| JRS | GLH |
| DTS | SLS |
| 1-TAS | |
| 2- | MICROFILM |
| 3- | FILE |

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

SIGNED

TITLE

Operations - Mgr

DATE

11/20/89

(This space for Federal or State office use)

APPROVED BY

TITLE

ACTING

DISTRICT MANAGER

DATE

DEC

4 1989

CONDITIONS OF APPROVAL, IF ANY:

CONDITIONS OF APPROVAL ATTACHED

*See Instructions on Reverse Side