

FILE NOTATIONS

Entered in INID File \_\_\_\_\_  
 Entered On S/R Sheet \_\_\_\_\_  
 Location Map Pinned \_\_\_\_\_  
 Card Indexed \_\_\_\_\_  
 IWR for State or Fee Land \_\_\_\_\_

Checked by Chief \_\_\_\_\_  
 Copy INID to Field Office \_\_\_\_\_  
 Approval Letter \_\_\_\_\_  
 Disapproval Letter \_\_\_\_\_

COMPLETION DATA:

Date Well Completed 6-12-49

Location Inspected \_\_\_\_\_

OW \_\_\_\_\_ WW \_\_\_\_\_ TA \_\_\_\_\_

Bond released \_\_\_\_\_

GW L OS \_\_\_\_\_ PA \_\_\_\_\_

State of Fee Land \_\_\_\_\_

LOGS FILED

Driller's Log ✓ \_\_\_\_\_

Electric Logs (No. ) NO \_\_\_\_\_

E \_\_\_\_\_ I \_\_\_\_\_ E-I \_\_\_\_\_ GR \_\_\_\_\_ GR-N \_\_\_\_\_ Micro \_\_\_\_\_

Lat. \_\_\_\_\_ MIL \_\_\_\_\_ Sonic \_\_\_\_\_ Others \_\_\_\_\_

ULC  
9-3-91

cond  
4/2

Patent Bureau No. 42-R355.1  
Patent expires 11-30-49.

5/2/49

Form 9-330

U. S. LAND OFFICE Window Rock, A. Tz  
SERIAL NUMBER I-119-Ind-7130  
LEASE OR PERMIT TO PROSPECT English


UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Western Natural Gas Address Farmington, New Mexico  
Lessor or Tract P. B. English Field Boundary Butte State Utah  
Well No. 4 Sec. 22 T. 43S R. 22E Meridian S. L. B. M. County San Juan  
Location 3296 ft. N. of N Line and 1431 ft. E. of W Line of 22-43S-22E Elevation 5515  
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed Scott R. Brown  
Title Petroleum Engineer

Date June 16, 1949

The summary on this page is for the condition of the well at above date.

Commenced drilling May 4, 1949 Finished drilling June 9, 1949

OIL OR GAS SANDS OR ZONES  
(Denote gas by G)

No. 1, from 1608 to 1615 No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from \_\_\_\_\_ to \_\_\_\_\_ No. 6, from \_\_\_\_\_ to \_\_\_\_\_

IMPORTANT WATER SANDS

No. 1, from \_\_\_\_\_ to \_\_\_\_\_ No. 3, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 4, from \_\_\_\_\_ to \_\_\_\_\_

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
<u>7"</u>	<u>234</u>	<u>8 rd.</u>	<u>REGULAR</u>	<u>1609</u>	<u>REGULAR</u>				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>7"</u>	<u>1609</u>	<u>50</u>	<u>Halliburton</u>		

Heaving plug—Material \_\_\_\_\_  
Adapters—Material \_\_\_\_\_ Size \_\_\_\_\_



*Handwritten initials*

# DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of lease

DISTRICT LAND OFFICE: **Window Rock, Arizona**  
SERIAL NO.: **I-149-Ind-7180**

and hereby designates

NAME: **Sinclair Oil & Gas Company**  
ADDRESS: **601 Denver Club Bldg. - Denver, Colorado**

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Operating Regulations with respect to (describe acreage to which this designation is applicable):

*SWNW*  
**English W# #4**  
**Located: Sec 22, T-43-S, R-22-E, S1E4, San Juan County, Utah**

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the supervisor of any change in the designated operator.

**Formerly: Western Natural Gas Company Lease**

**Effective November 26, 1963.**

*Paul Woodard*  
.....  
(Signature of lessee)

**Western Natural Gas Company**  
**823 Midland Tower**  
**Midland, Texas**  
.....  
(Address)

**November 26, 1963**  
.....  
(Date)

8  
R Co.

Vaughey

4707 T.D.

ENGLISH UNIT

A.R.Co. 50% Opr.  
Conoco et al 50%

Co.

7 A.R.Co.

Eldorado

Sinclair

5470 T.D.

5000 T.D.

7

16

15  
A.R.Co.

26  
25 23  
21  
24  
1290 T.D.  
15  
34

18  
1300 T.D.

Co.

Sunray

5641 T.D.

A.R.Co.

A.R.Co.

20

21

19 13  
17 12  
28 10  
20  
31

16 14  
27 1  
1180 T.D.  
29 30  
32 1645 T.D.  
3  
22  
35  
36

Mutual Oil

502 T.D.

37

A.R.Co

9

28

27

11



SINCLAIR OIL & GAS COMPANY  
601 DENVER CLUB BUILDING  
DENVER 2, COLORADO

- 80202 -

DENVER DIVISION

January 9, 1964

Miss Clarella N. Peck  
Oil & Gas Conservation Commission  
310 Newhouse Building  
10 Exchange Place  
Salt Lake City 11, Utah

Dear Miss Peck:

Your letter of December 9, 1963, which was directed to Western Natural Gas Company, 823 Midland Tower, Midland, Texas, has been forwarded to us for reply.

The acquisition date of Western Natural Gas Company properties by Sinclair Oil & Gas Company was November 26, 1963, and you have been furnished Designation of Operator Forms.

As requested in your letter, we are enclosing Logs of Oil and Gas Wells for the English Wells No. 1, 2, 4, and Navajo Well No. 1. We are unable to furnish Logs for English No. 4 and Navajo No. 1 at this time. When these Logs are received from Western Natural Gas Company we will forward copies on to your office.

Further correspondence regarding these properties should be forwarded to the above address, attention Mr. W. A. Walther, Jr., Division Production Superintendent.

Very truly yours,

M. E. Brown  
Division Chief Clerk

MEB:CL:bjs

Encl.

cd: File

**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 ARCO Oil & Gas Company, a Division of Atlantic Richfield Company

3. ADDRESS OF OPERATOR  
P.O. Box 5540, Denver, Colorado 80217

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 2240' FNL & 150' FWL, Section 22  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

5. LEASE  
I-149-Ind-7180 ✓

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
Navajo

7. UNIT AGREEMENT NAME  
English Unit ✓

8. FARM OR LEASE NAME  
English WN

9. WELL NO.  
4

10. FIELD OR WILDCAT NAME  
Boundary Butte

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Section 22-43S-22E

12. COUNTY OR PARISH | 13. STATE  
San Juan | Utah

14. API NO.  
None

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
5517' GL

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 checked="" type="checkbox"/>	<input type="checkbox"/>
(other) Temporarily Abandon ✓		

(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.)\*

ARCO hereby requests permission to set a bridge plug above the Coconino open perforations (1609'-1615') in the subject well. This is in compliance with the requirements as set forth in a memorandum dated October 1, 1982, and a subsequent letter of May 5, 1983, both from the Minerals Management Service, Department of the Interior (copies attached). As stated in our letter of May 25, 1983 (attached), we plan on re-evaluating this well as a water injector if oil market conditions improve and do not wish to permanently plug and abandon the well at this time. Attached is the procedure for temporarily abandoning the well.

**APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING**  
DATE: 8/2/83  
BY: [Signature]

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

18. I hereby certify that the foregoing is true and correct  
SIGNED Stephen C. Rose TITLE District Production Superintendent DATE 8-2-83  
Stephen C. Rose

(This space for Federal or State office use)

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

TA PROCEDURE FOR ENGLISH WN4, BOUNDARY BUTTE FIELD

Location: SENW Section 22-T435-R22E, San Juan County, Utah

Current Status: 7", 23# from 1609'-1067' and 17# from 1067' to surface.  
Estimated TOC - 1250'

Perforations: 1609'-1615' OH

Procedure:

1. Move onto location and R/U.
2. N/D tubing head.
3. R/U wireline unit. Make gauge ring; run through 7", 17# and 23# casing (minimum I.D. - 6.366") to  $\pm$  1600'. P/U bridge plug with setting tool on wireline and set at  $\pm$  1590'.
4. R/U cementing unit. Mix and spot 5 sxs of Class "B" cement on top of bridge plug using dump bailer.
5. N/U tubing head.\*
6. R/D and move to next location.

\* Wellbore to contain 2% KCl water.

COST ESTIMATE

Bedford Inc. (Farmington, NM (505) 325-1211) will furnish:	\$ 3,000
pulling unit (70', 160,000# derrick)	
bridge plugs	
wireline unit, setting tool, and dump bailer	
cement along with mixing equipment, displacement pump and mixing pump	
75 bbl tank for disposal purposes	
Water	400
Site preparation (anchor setting)	300
Miscellaneous	500
ARCO Supervision	500
	<u>\$ 4,700</u>

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

LEASE DESIGNATION AND SERIAL NO

I-149-Ind-7180

INDIAN, ALIEN OR TRIBE NAME

Navajo

UNIT AGREEMENT NAME

English Unit

LEASE OR TRACT NAME

English WN

WELL NO.

4

FIELD AND POOL, OR WILDCAT

Boundary Butte

SEC. T. R. W. OR BLK. AND SURVEY OR AREA

Sec. 22-T43S-R22E

COUNTY OR PARISH STATE

San Juan Utah

OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR ARCO Oil and Gas Company, Div. of Atlantic Richfield Company

3. ADDRESS OF OPERATOR 707-17th Street, P.O. Box 5540, Denver, Colorado 80217

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

1900' FNL & 1238' FWL, Section 22

14. PERMIT NO.

15. ELEVATIONS (Show whether OP, RT, CR, etc.)

API#-None

5517' GL

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREAT

MULTIPLE COMPLETION

FRACTURE TREATMENT

ALTERING CASING

SHOOT OR ACIDIZE

ABANDON\*

SHOOTING OR ACIDIZING

ABANDONMENT\*

REPAIR WELL

CHANGE PLANE

(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.

ARCO Oil and Gas Company hereby requests permission to permanently plug and abandon the subject well.

The BLM previously approved for one year our request in August, 1983 to temporarily abandon the subject well. We have re-evaluated this well and have determined that this shallow Coconino zone completion does not have any future beneficial use to the lease operations. Therefore, in compliance with the BLM request of March 26, 1985, we propose to permanently P&A this well.

Attached is the proposed procedure for plugging and abandoning this well.

We plan to commence plugging operations by June, 1985.

Federal approval of this action is required before commencing operations.

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

DATE: 4/12/85  
BY: John R. Baga

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

SIGNED

Stephen Rose  
S. C. ROSE

TITLE

Dist. Prod. Sup't.

DATE

3-28-85

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side



Date: December 13, 1984

Subject: Proposed P & A Procedure  
English #2, 4, 5, 8, 26, 31, and 36  
San Juan County, Utah

From/Location: C. D. Trigg, Farmington

To/Location: M. D. Robinson, DT-33075

WELL DATA:

English #2

T.D. - 1514  
10-3/4 Csg. @ 935'  
7" Csg. @ 1492'  
Prod. openhole. 1492'-1514'  
43 Jts., 2-3/8, J-55, 4.70# Tbg. EUE  
1 - S.N.  
1 - 2-3/8 Perforated Sub. EUE  
2 - Jts. 2-3/8 EUE, J-55, 4.70# w/hull plug, Mud anchor  
1 - 2 x 1½ x 8 T/B - Pump bottom hold down

English #4

T. D. - 1618            10-3/4" Csg. @ 485'  
7" Csg. @ 1608. Prod. Openhole 1608' - 1618'  
2" Tbg.

English #5

T. D. - 1700    P.B.T.D. - 1668    No surface pipe.  
7" Csg. @ 1572, 4½ Csg. @ 1699  
2-3/8 Tbg.  
Perfs. 1580-1584, 1596-1600, 1611-1615, 1638-1639

English #8

T. D. - 1504            10' of 8-5/8" conductor  
5½" Csg. @ 1481'  
Prod. Openhole 1481-1504  
2-3/8 EUE Tbg.

English #26

T.D. - 1740'            8-5/8" Csg. @ 99'  
P.B.D. 1707'  
5½" Csg. @ 1740'  
2-3/8" EUE Tbg.  
Perfs - 1641-1644

English #31

T.D. - 1540'    Perfs. - 1442-1445    8-5/8" Csg. @ 97'  
T.P.B.D. 1506  
5½" Csg. @ 1540'  
2-3/8 EUE Tbg.

English #36

T.D. - 1575'    8-5/8" Csg. @ 375'  
T.P.B.D. 1540, Perfs. 1480-1483  
5½" Csg. @ 1575'  
2-3/8 EUE Tbg.

Proposed Abandonment Procedure

1. MIRU (BOP's won't be needed because Coconino pressure estimated is less than 250 - 300 psi bottom hole. If pressure does exist however, install BOP's and proceed.)
2. If well has no tubing string, use tubing from previous well as work string.
3. RIH w/tubing open-ended to 50' below bottom perforation, or to TD, whichever is less. Pump cement to cover top perforation by 50' inside the casing. In open hole completions pump cement to cover bottom of csg. by 50'.
4. POH w/tbg. to 50' below top of surface casing. Pump sufficient cement to fill production casing to surface. (Cement volume must be at least 25 sx, a longer plug may be necessary to allow the required cement volume). Insert 10' abandonment marker 5' into cement.
5. Spot cement through Bradenhead valve to fill production csg. and surface csg. annulus (100' plug if surface pipe extends far enough).
6. Pour cement cap extending 12" beyond largest diameter csg. and 4" thick.
7. Rehabilitate location and access road using stipulations supplied by the surface management agency.



# United States Department of the Interior

BUREAU OF LAND MANAGEMENT  
Caller Service 4104  
Farmington, New Mexico 87499

IN REPLY REFER TO:  
3100 (016)  
I-149-IND-7180

MAR 26 1985

CERTIFIED—RETURN RECEIPT REQUESTED

Arco Oil and Gas Company  
Production - Rocky Mountain District  
Attn: Keith Angel  
P. O. Box 2197  
Farmington, NM 87499

RECEIVED  
J. E. TAYLOR  
FARMINGTON  
DATE MAR. 27, 1985

Dear Mr. Angel:

Our records indicate that you are the operator of the following well on lease No. I-149-IND-7180:

<u>Well No.</u>	<u>Location</u>	<u>Date of Last Production</u>
No. 26 English	NESW, sec. 16, T. 43 S., R. 22 E.	January 1982
No. 6 English	SENE, sec. 16, T. 43 S., R. 22 E.	January 1982
No. 7 English	NENW, sec. 16, T. 43 S., R. 22 E.	January 1982
No. 31 English	NENE, sec. 21, T. 43 S., R. 22 E.	January 1982
No. 2 English	NESW, sec. 22, T. 43 S., R. 22 E.	January 1982
No. 36 English	NESW, sec. 22, T. 43 S., R. 22 E.	August 1983
No. 4 English	SENW, sec. 22, T. 43 S., R. 22 E.	January 1982
No. 5 English	SENW, sec. 22, T. 43 S., R. 22 E.	January 1982
No. 8 English	SWNW, sec. 22, T. 43 S., R. 22 E.	January 1982
No. 37 English	SWSE, sec. 22, T. 43 S., R. 22 E.	February 1983
No. 11 English	NENW, sec. 26, T. 43 S., R. 22 E.	January 1982
No. 9 English	SWNE, sec. 16, T. 43 S., R. 22 E.	January 1982

Title 43 CFR Section 3162.3-4 requires that the lessee shall promptly plug and abandon, condition as a service well, or condition as a water well, any well on a lease that is not used or useful for the purpose of the lease. Accordingly, you are required to advise this office within 30 days of the date of this letter, by Sundry Notice of your intent to perform one of the following:

1. Condition the well to a useful function.
2. Temporarily abandon the well.
3. Permanently plug and abandon the well.

Any temporary abandonment request must include the following:

1. Justification of the reason the well should be temporarily abandoned rather than permanently plugged and abandoned. A WELL MAY NOT BE TEMPORARILY ABANDONED FOR MORE THAN 12 MONTHS.

2. A complete record of perforations in the well casing.

3. Provide for the installation of a bridge plug or a cement plug no more than 50 feet above each set of open perforations and the well bore filled with conditioned, non-corrosive fluid and shut-in at the surface. If a bridge plug is used, it must be capped with cement. The cement cap must be the greater of 35 feet or five sacks of cement if placed by dump bailer or, 25 sacks if spotted by tubing. If a cement plug is used it must be the greater of 100 feet or 25 sacks of cement.

4. Rehabilitation of the surface must be performed on all disturbed surface except for that necessary to service the well.

5. The anticipated date the operations will occur. Albert Gonzales, Petroleum Engineering Technician, MUST BE NOTIFIED A MINIMUM OF 48 HOURS PRIOR TO COMMENCING ANY ABANDONMENT SO THAT THE OPERATIONS CAN BE WITNESSED.

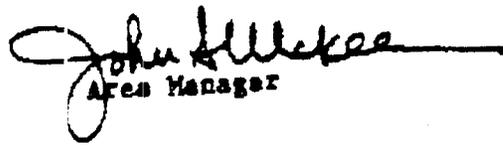
Any request for permanent plugging and abandonment must include the following:

- 1. The reason that the well should be permanently plugged and abandoned.
- 2. A plugging program to isolate and protect subsurface zones, other minerals and water zones.
- 3. The anticipated date the plugging will occur. Albert Gonzales, Petroleum Engineering Technician, MUST BE NOTIFIED A MINIMUM OF 48 HOURS PRIOR TO COMMENCING ANY ABANDONMENT SO THAT THE PLUGGING CAN BE WITNESSED.

Failure to file a Sundry Notice providing the information requested above within 30 days of the date of this letter will result in an automatic assessment of \$250 pursuant to 43 CFR 3163.3(a), and Civil Penalties pursuant to 43 CFR 3163.4-1.

You are further advised that any instructions, orders and decisions issued by the Bureau of Land Management are subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4 and 43 CFR 4.700.

Sincerely yours,

  
Area Manager

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLI  
(Other instructions  
verse side)

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

**SUNDRY NOTICES AND REPORTS ON WELLS RECEIVED**

(Do not use this form for proposals to drill or to deepen or plug back to a different level or 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. T-149-Ind-7180	
2. NAME OF OPERATOR ARCO Oil and Gas Company, Division of Atlantic Richfield Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo	
3. ADDRESS OF OPERATOR 707 17th Street, P. O. Box 5540 Denver, Colorado 80217		7. UNIT AGREEMENT NAME English Unit	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface  1900'FNL & 1238'FWL, Section 22		8. FARM OR LEASE NAME English WN	
14. PERMIT NO. 4303715913 API # - None <i>CCSD</i>		9. WELL NO. 4	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5517' GL		10. FIELD AND POOL, OR WILDCAT Boundary Butte	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 22-T43S-R22E	
		12. COUNTY OR PARISH San Juan	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 checked="" type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input 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.)\*

ARCO Oil and Gas Company has completed the plug and abandon work on this well as outlined on the approved Sundry Notice and the verbally approved modified abandonment procedure. (see attachment) The procedure was modified due to the absence of a bradenhead on this well. We obtained verbal approval from Jim Lovato to perforate the production casing 100' below ground level; this allowed us to circulate cement to surface in the production casing/surface casing annulus. This work was performed from November 12, 1985 to November 13, 1985. Approximately 32 bbls. of oil were recovered from P & A operations on this well.

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

SIGNED *John P. Boya* / *John P. Boya* TITLE *Production Supervisor / Prod. Supt.* DATE *12/4/85*

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ ACCEPTED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING

\*See Instructions on Reverse Side DATE: *12/23/85*  
BY: *John P. Boya*

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN THIS  
Other instructions  
reverse side.

Form approved.  
Budget Bureau No. 4004-1105  
Expires August 31, 1985

LEASE DESIGNATION AND SERIAL NO  
I-149-Ind-7180

SUNDRY NOTICES AND REPORTS ON WELLS

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

RECEIVED

INDIAN, ALIQUOT OR TRIBE NAME  
Navajo

UNIT AGREEMENT NAME  
English Unit

LEASE OR LEASE NAME  
English WN

WELL NO.  
4

FIELD AND POOL, OR WILDCAT

BOUNDARY BUTTE  
SEC., T., R., W., OR BLK. AND  
SUBST. OR AREA

Sec. 22-T43S-R22E

COUNTY OR PARISH STATE  
San Juan Utah

OIL WELL  GAS WELL  OTHER   
2. NAME OF OPERATOR ARCO Oil and Gas Company, Div. Atlantic Richfield Company  
3. ADDRESS OF OPERATOR 707-17th Street, P.O. Box 5540, Denver, Colorado

4. LOCATION OF WELL Report location clearly and in accordance with any State requirements.  
See also space 17 below.  
At surface  
1900' FNL & 1238' FWL, Section 22

14. PERMIT NO  
API#-None  
15. ELEVATIONS (Show whether of top of casing or bottom of hole)  
5517' GL

15. 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 COMPLETION <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 and 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.)

ARCO Oil and Gas Company hereby requests permission to permanently plug and abandon the subject well.

The BLM previously approved for one year our request in August, 1983 to temporarily abandon the subject well. We have re-evaluated this well and have determined that this shallow Coconino zone completion does not have any future beneficial use to the lease operations. Therefore, in compliance with the BLM request of March 26, 1985, we propose to permanently P&A this well.

Attached is the proposed procedure for plugging and abandoning this well.

We plan to commence plugging operations by June, 1985.

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

SIGNED Stephen Rose TITLE Dist. Prod. Sup't. DATE 3-28-85  
S. C. Rose

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL IF ANY: \_\_\_\_\_  
AREA MANAGER  
FARMINGTON RESOURCE AREA

APPROVED  
DATE 3-28-85  
APR 10 1985  
AREA MANAGER  
FARMINGTON RESOURCE AREA

xc: Kris Fuhr - Engln.

\*See Instructions on Reverse Side

OPERATOR

English #31

T.D. - 1540' Perfs. - 1442-1445 8-5/8" Csg. @ 97'

T.P.B.D. 1506

5½" Csg. @ 1540'

2-3/8 EUE Tbg.

English #36

T.D. - 1575' 8-5/8" Csg. @ 375'

T.P.B.D. 1540, Perfs. 1480-1483

5½" Csg. @ 1575'

2-3/8 EUE Tbg.

Proposed Abandonment Procedure

1. MIRU (BOP's won't be needed because Coconino pressure estimated is less than 250 - 300 psi bottom hole. If pressure does exist however, install BOP's and proceed.)
2. If well has no tubing string, use tubing from previous well as work string.
3. RIH w/tubing open-ended to 50' below bottom perforation, or to TD, whichever is less. Pump cement to cover top perforation by 50' inside the casing. In open hole completions pump cement to cover bottom of csg. by 50'.
4. POH w/tbg. to 50' below top of surface casing. Pump sufficient cement to fill production casing to surface. (Cement volume must be at least 25 sx, a longer plug may be necessary to allow the required cement volume). Insert 10' abandonment marker 5' into cement.
5. Spot cement through Bradenhead valve to fill production csg. and surface csg. annulus (100' plug if surface pipe extends far enough).
6. Pour cement cap extending 12" beyond largest diameter csg. and 4" thick.
7. Rehabilitate location and access road using stipulations supplied by the surface management agency.

EXPRESS MAIL ROUTING SLIP

PAM 12-30 10:00A

TAMI 12-30 10:35

VICKY 1-3 8:30

CLAUDIA G 1-2 8:17

STEPHANE SB 12-30 12:28

CHARLES CP 12-31 8:38

RULA 1-3 8:35

MARY ALICE MAR 12/31 8:34

CONNIE CD 12-31 8:17

MILLIE

PAM 1-2 9:45