

FILE NOTATIONS

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

Checked by Chief *OMB* .....  
Approval Letter *12-1068* .....  
Disapproval Letter .....

COMPLETION DATA:

Date Well Completed *2-1-69* .....  
OW. *✓* WW..... TA.....  
GW..... OS..... PA.....

Location Inspected .....  
Bond released .....  
State or Fee Land .....

LOGS FILED

Driller's Log *2-14-69* .....  
Electric Logs (No.) *2* .....  
E..... I..... Dual I Lat..... GR-N..... Micro.....  
BHC Sonic GR..... Lat..... Mi-L..... Sonic.....  
CBLog..... CCLog..... Others *Densilog & Induction Electrolg*

*VLC  
9-3-61*

December 9, 1968

Mr. L. J. Abel, Staff Archaeologist  
O. S. National Park Service  
P. O. Box 1060  
Gallup, New Mexico 87301

RE: English W/N, Well #36  
NE SW Section 22-43S-22E  
San Juan County, Utah

Dear Mr. Abel:

Enclosed is a copy of Form 9-331-G, Application for Permit to Drill, and a certified location plat for the captioned well, located in the Boundary Butte Field.

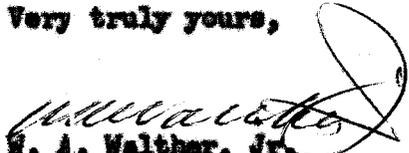
Sinclair's representative in the area will be:

Mr. J. E. Taylor  
Suite 08A, Petroleum Plaza Building  
Farmington, New Mexico 87401

Telephone: 325-5262 Business  
325-7968 Residence

At your earliest convenience, we would appreciate your advising Mr. P. T. McGrath, District Engineer, United States Geological Survey, P. O. Box 959, Farmington, New Mexico, 87401, of your approval to proceed with the road and location for this well.

Very truly yours,

  
W. A. Walther, Jr.  
Region Production Manager

cc: Mr. P. T. McGrath  
Mr. G. B. Feight  
Mr. H. Tiesie  
Mr. J. E. Taylor

12  
DEC 10 1968

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  
**Sinclair Oil Corporation**

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 SW - 1760' E/South & 2200' E/West lines Sec. 22.**  
 At proposed prod. zone **Same**

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)  
**220' E/Drig Unit line**  
**2617' E/Lea line**  
**7040 acres**

16. NO. OF ACRES IN LEASE  
**7040 acres**

17. NO. OF ACRES ASSIGNED TO THIS WELL  
**20 acres**

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
**689' SE E/ Well #35**

19. PROPOSED DEPTH  
**1500'**

20. ROTARY OR CABLE TOOLS  
**Rotary**

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
**5366', ground level, ungraded**

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

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24#	100'	75-100 sx (Ont bottom to top)
7-7/8"	5-1/2 or 4-1/2"	-	Total depth	100-150 sx

Propose to drill well to depth sufficient to test the Coconino formation, top of which is anticipated at 1425'. 8-5/8" OD casing to be set at approx 100' and cemented bottom to top, 7-7/8" hole drilled to T.D.; well logged; if productive, set 1 1/2" or 3/4" casing with sufficient cement to protect all zones; perforate productive zone(s), treat if necessary; and complete well.

Certified location plat enclosed.

cc: U.S.G.S. - Farmington  
 Utah O&G - Salt Lake  
 Navajo Tribe - Farmington  
 Park Service - Gallup

cc: Continental - Casper  
 Tenneco - Denver

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 M. E. Brown TITLE Chief Office Clerk DATE December 9, 1968  
 (This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
 APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
 CONDITIONS OF APPROVAL, IF ANY: 43-037-30028

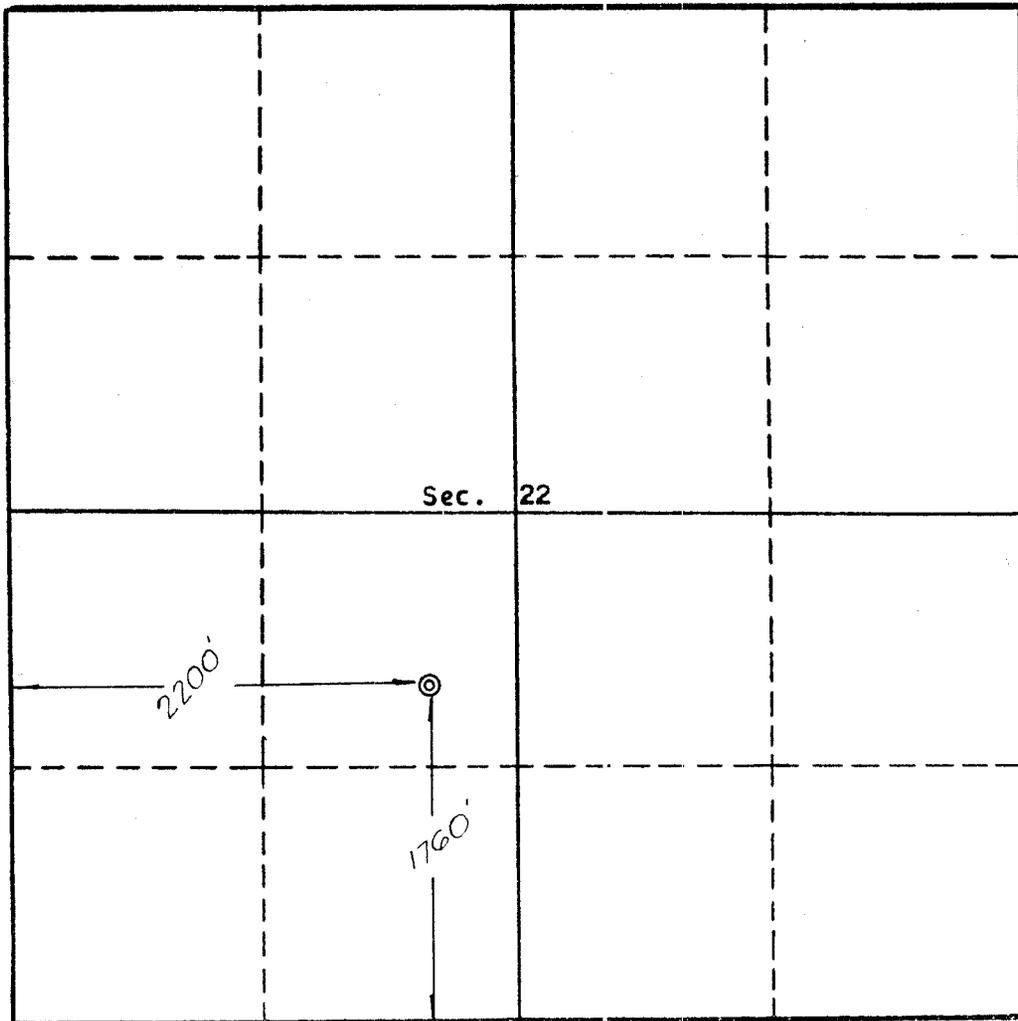
Company SINCLAIR OIL CORPORATION

Well Name & No. English No. 36

Location 1760 feet from the South line and 2200 feet from the West line.

Sec. 22, T. 43 S., R. 22 E., S. L. M., County San Juan, Utah

Ground Elevation 5366, ungraded.



Scale, 1 inch = 1,000 feet

Surveyed December 4, 19 68

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

Seal:

Ernest V. Echohawk  
Registered Land Surveyor  
Utah Registration No. 2611

15

December 10, 1968

Sinclair Oil Corporation  
501 Lincoln Tower Building  
1860 Lincoln Street  
Denver, Colorado 80203

Re: Well No. English WN #36,  
Sec. 22, T. 43 S., R. 22 E.,  
San Juan County, Utah.

Gentlemen:

Insofar as this office is concerned, approval to drill the above mentioned well is hereby granted in accordance with the Order issued in Cause No. 124-1 dated November 10, 1966.

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

PAUL W. BURCHELL, Chief Petroleum Engineer  
HOME: 277-2890 - Salt Lake City, Utah  
OFFICE: 328-5771

This approval terminates within 90 days if this well has not been spudded-in within said period.

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

Sinclair Oil Corporation

December 10, 1968

-2-

The API number assigned to this well is 43-037-30028 (see Bulletin D12 published by the American Petroleum Institute).

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

CLEON B. FEIGHT  
DIRECTOR

CBF:sg

cc: U. S. Geological Survey  
P. T. McGrath, District Engineer  
P. O. Box 959  
Farmington, New Mexico



OIL & GAS CONSERVATION BOARD

DELBERT M. DRAPER, JR.  
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CHARLES R. HENDERSON  
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ROBERT R. NORMAN  
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CLEON B. FEIGHT  
DIRECTOR  
PAUL W. BURCHELL  
CHIEF PETROLEUM ENGINEER

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

1588 WEST NORTH TEMPLE  
SALT LAKE CITY, UTAH 84116  
328-5771

Sinclair Oil Corporation  
501 Lincoln Tower Building  
1860 Lincoln Street  
Denver, Colorado 80203

Re: Well No. English WN #36,  
Sec. 22, T. 43 S., R. 22 E.,  
San Juan County, Utah.  
For the month of December, 1968.

Gentlemen:

Our records indicate that you have not filed a Monthly Report of Operations for the month(s) mentioned above for the subject well. Rule C-22 (1), General Rules and Regulations and Rules of Practice and Procedure, Utah State Division of Oil and Gas Conservation requires that said reports be filed on or before the sixteenth (16) day of the succeeding month. This report may be filed on Form OGC-1b, (U. S. Geological Survey 9-331, "Sundry Notices and Reports on Wells"), or on company forms containing substantially the same information. We are enclosing forms for your convenience.

Your cooperation with respect to this request is greatly appreciated.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

*Sharon Cameron*  
SHARON CAMERON  
RECORDS CLERK

sc

Enclosure: Form OGC-1b

Sharon,

The attached was mailed 1/22/69. Probably you have received them by this time.

M. E. Brown

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN THE  
(Other instruction  
reverse side)

FE\*  
re-

Form approved.  
Budget Bureau No. 42-R1424.

PI

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 OR NATIONAL AND STATE NO. **I-110-200-7100**

6. IF INDIAN, LOTTERY OR OTHER NAME **Chicago**

7. UNIT NAME **English Hill**

8. FARM OR LEASE NAME **English Hill**

9. WELL NO. **36**

10. FIELD NO. **Boundary State Farmino**

11. SEC., TOWNSHIP, OR BLOCK NO. **Sec. 22, T19-21N, R11E**

12. COUNTY **San Juan**

14. PERMIT NO. **Mr. McGrath, 12/11/68**

15. ELEVATIONS (Show whether DF, RT, GR, etc.) **5366, OL**

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

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

(NOTE: Report results of multiple completion and completion or recompletion Report and log form.)

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

**Spudded 8:30 p.m. 1/19/69. Drld 12-1/4" hole to 105'. Set 3 joints of 100' casing @ 100', grad meas., w/ 100 sx Class "A" out, 3% CaCl, cement @ 100'. Plug @ 100'. Drld out 7:30 a.m. 1/20/69. WOC 12 hours. Tested casing & BOP @ 500' @ 8:30 a.m. 1/20/69. Drld out 8 p.m., 1/20/69.**

**1/21/69 - 2h9' - Prep drill ahead. Drld to 2h9', down 1/ pump ready.**

**0 & 2 - USGS, Farmington**  
**2 - Utah O&G Cons.Comm., Salt Lake City**  
**1 - Navajo Tribe, Window Rock**  
**2- Continental - Casper**  
**2 - Tenneco - Denver**

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

SIGNED M. E. Brown TITLE Chief Office Clerk

(This space for Federal or State office use)

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

CONDITIONS OF APPROVAL, IF ANY:

30000

Vertical text on right side of page, possibly bleed-through or stamp.

4

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

SUBMIT IN 1... (Other instruction reverse side)

Form approved. Budget Bureau No. 42-R1424.

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 [X] GAS WELL [ ] OTHER [ ]
2. NAME OF OPERATOR Sinclair Oil Corporation
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 SW - 1760' f/South & 2200' f/West lines Sec. 22
14. PERMIT NO. Mr. McGrath, 12/11/68
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5366, O.L.

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 [ ] WATER SHUT-OFF [ ]
FRACTURE TREAT [ ] MULTIPLE COMPLETE [ ] FRACTURE TREATMENT [ ]
SHOOT OR ACIDIZE [ ] ABANDON\* [ ] SHOOTING OR ACIDIZING [ ]
REPAIR WELL [ ] CHANGE PLANS [ ] (Other) [ ]
Subsequent Report: (NOTE: Report results of multiple completion or Completion or Recompletion Report and log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths pertinent to this work.)\*
Drld to 1480'. - DST #1, 1460-80', Cocconino, Open 1 hr w/ strong blow... end of 1 hr. Rec'd 5' free oil, 6 1/2' mud (last half... Hyd. 725#, No ISIP, BHPP 54-4, 7#, 30 min PSIP 6... during 1st part of test.
Drld to TD 1575' - Ran I-ES and GR-Density log. Set 48 jts 5-1/2" casing at 1575', grd meas., with 100 ex Class "A" to 1540', plug down 5:30 p.m. 1/25/69. WOC.
Prep perforate and complete.
Or & 2cc: U.S.G.S.-Farmington
2cc: Utah Cons. Comm.-Salt Lake
cc: Navajo Tribe-Window Rock
Continental
Tenneco
File

18. I hereby certify that the foregoing is true and correct
SIGNED M.E. Brown TITLE Chief Office Clerk
(This space for Federal or State office use)
APPROVED BY TITLE
CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN THE REVERSE SIDE  
(Other instruction: reverse side)

Form approved.  
Budget Bureau No. 42-R1424

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  **Held for Future Development**

2. NAME OF OPERATOR  
**Sinclair Oil Corporation**

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 SW - 1760' f/South & 2200' f/West lines Sec. 22**

14. PERMIT NO.  
**Mr. McGrath, 12/11/68**

15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
**5366, GL**

5. LEASE OR MINING AND RECLAMATION ACT NO.  
**1-119-111-7180**

6. IF INDIAN LAND, COTTON OR REVENUE NAME  
**Navajo**

7. UNIT NAME  
**English**

8. FARM NAME  
**English**

9. WELL NO.  
**96**

10. FIELD NAME  
**Boundary Butte-Coconino**

11. SEC. OR BLK. OR AREA  
**Sec. 22-105-22E, 96**

12. COUNTY OR PARISH  
**San Juan**

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

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

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

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including pertinent depths and dates of completion or recompletion, and true vertical depths of markers and perforations.) \*

**1540' - FBTD -**

**1/29/69 - MI & RU Completion Unit.**

**1/30/69 - Perf. Coconino 1480-83' w/ 4 holes/ft. Set 48 jts 2-3/8" casing @ 1175' seating nipple @ 1475'. Swbd 23 BDF in 2-1/2 hrs, fluid level 1190' shows. SD O'nite.**

**1/31/69 - 800' fluid in hole. Swbd 48 BW in 8 hrs, lowered to 450' fluid in hole. Last 4 hrs @ 5 BFFH w/ trace oil. SD O'nite.**

**2/1/69 - 1000' fluid in hole. Swbd 24 BF w/ tr oil in 4 hrs, lowered fluid to 600' in hole. SD. Released Unit. COMPLETED WELL 2/1/69 - Held for Future Development.**

Or & 2 cc: USGS -Farmington  
2 cc: Utah Cons.Comm.-Salt Lake City  
cc: Navajo Tribe-Window Rock  
Continental  
Tenneco  
File

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

SIGNED M. E. Brown TITLE Chief Office Clerk

(This space for Federal or State office use)

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

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

FORM OGC-8-X

FILE IN QUADRUPLICATE

*Schwin*

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

*MD*

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number English WN, Well #36  
 Operator Sinclair Oil Corporation Address 1860 Lincoln St. Phone 266-2460  
Denver, Colo. 80203  
 Contractor Loffland Brothers Co. Address Box 688 Phone 325-5001  
Farmington, N.M.  
 Location NE 1/4 SW 1/4 Sec. 22 T. 43 R. 22 E San Juan County, Utah  
 S W

Water Sands:

Depth		Volume	Quality
From	To	Flow Rate or Head	Fresh or Salty
1. <u>Negligible water encountered other than from Coconino as reported on DST, and</u>			
2. <u>swabbing during completion attempt.</u>			
3. _____			
4. _____			
5. _____			

(Continue on reverse side if necessary)

Formation Tops:	Depth
Chinle	390'
Shinarump	1150'
Moenkopi	1240'
Coconino	1478'

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.

*g*

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPL. E\*

(See other instructions on reverse side)

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other  **Refr. / development**

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

2. NAME OF OPERATOR  
**Sinclair Oil Corporation**

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 **1760' E/South & 2200' E/West lines Sec. 22**

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

At total depth **Same**

14. PERMIT NO. **Mr. McCreath** DATE ISSUED **12/11/68**

5. LEASE DESIGNATION AND SERIAL NO.  
**1-112-101-7180**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
**Navajo**

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
**English Hill**

9. WELL NO.  
**36**

10. FIELD AND POOL, OR WILDCAT  
**Boundary Butte-Cocconino**

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
**Sec. 22-135-22E, S14**

12. COUNTY OR PARISH  
**Salt Point** 13. STATE  
**Utah**

15. DATE SPUNDED **1/10/69** 16. DATE T.D. REACHED **1/21/69** 17. DATE COMPL. (Ready to prod.) **2/1/69 (approx)** 18. ELEVATIONS (DF, REB, RT, GR, ETC.)\* **5368 O.L.** 19. ELEV. CASINGHEAD **5368 O.L.**

20. TOTAL DEPTH, MD & TVD **1575'** 21. PLUG, BACK T.D., MD & TVD **1580 FTVD** 22. IF MULTIPLE COMPL., HOW MANY\* 23. INTERVALS DRILLED BY **0-1575'** ROTARY TOOLS **0-1575'** CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*  
**None producing - Cocconino perf'd 1180-83' w/ 1/2 holes/ft.** 25. WAS DIRECTIONAL SURVEY MADE **No**

26. TYPE ELECTRIC AND OTHER LOGS RUN  
**I-25, GR-Density** 27. WAS WELL CORED **no**

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24	100'	12-3/4"	100' ex Glass "A" 2% Cas 1	None
8-1/2"	15.5X	1575'	7-7/8"	100' ex Glass "A"	

29. LINER RECORD **None** 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	1179'	None

31. PERFORATION RECORD (Interval, size and number)  
**Cocconino perf'd 1180-83' w/ 1/2 jet holes per foot.** 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
<b>None</b>	

33. PRODUCTION

DATE FIRST PRODUCTION **None** PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) **Shut in - Hold for development** WELL STATUS (Producing or shut-in) **Shut in**

DATE OF TEST **2/1/69** HOURS TESTED **4 hr** CHOKE SIZE PROD'N. FOR TEST PERIOD OIL—BBL. **None** GAS—MCF. WATER—BBL. GAS-OIL RATIO

FLOW, TUBING PRESS. CASING PRESSURE CALCULATED 24-HOUR RATE OIL—BBL. GAS—MCF. WATER—BBL. OIL GRAVITY API (CORR.) **114**

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) **None** TEST WITNESSED BY **J. E. Taylor**

35. LIST OF ATTACHMENTS  
**2 Each #26**

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

SIGNED **M. E. Brown** TITLE **Chief Office Clerk** DATE **2/10/69**

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

PRODUCTION

# 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 38, 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 36.

**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 other 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.	MEAS. DEPTH	TOP
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.					
38. NAME					
39. GEOLOGIC MARKERS					
40. MEAS. DEPTH					
41. TOP					
42. FROM VERT. DRIBPH					
43. TYPE OF COMPLETION:					
44. NAME OF OPERATOR					
45. NAME OF WELL					
46. WELL NO.					
47. STATE OF COMPLETION:					
48. TYPE OF WELL					
49. DATE OF REPORT					
50. DATE OF COMPLETION					
51. DATE OF REPORT					
52. DATE OF COMPLETION					
53. DATE OF REPORT					
54. DATE OF COMPLETION					
55. DATE OF REPORT					
56. DATE OF COMPLETION					
57. DATE OF REPORT					
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96. DATE OF COMPLETION					
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98. DATE OF COMPLETION					
99. DATE OF REPORT					
100. DATE OF COMPLETION					

FEB 14 1969

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: 1760' FNL & 2200' FWL, Section 22  
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 checked="" type="checkbox"/>	<input type="checkbox"/>
(other) Temporarily Abandon	<input checked="" type="checkbox"/>	<input type="checkbox"/>

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. 36

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 San Juan

13. STATE Utah

14. API NO. None

15. ELEVATIONS (SHOW DF, KDB, AND WD) 5366' GL

(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 (1480'-1483') 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 \_\_\_\_\_ Ft.

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

SIGNED Stephen C. Rose TITLE District Production Superintendent DATE 8-2-83

(This space for Federal or State office use)

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

TA PROCEDURE FOR ENGLISH WN36, BOUNDARY BUTTE FIELD

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

Current Status: 8-5/8", 24# casing @ 375'  
5-1/2", 15.5# casing @ 1575', estimated TOC - 1050'  
PBSD - 1540'

Perforations: 1480' - 1483'

Procedure:

1. Move onto location and R/U.
2. N/D tubing head.
3. R/U wireline unit. Make gauge ring run through 5-1/2", 15.5# casing to  $\pm$  1470'. P/U bridge plug with setting tool on wireline and set at  $\pm$  1460'.
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>

ENGLISH UNIT

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

Vaughey

4707 T.D.

A.R.Co.

Eldorado

5470 T.D.

Sinclair

5000 T.D.

16

15

A.R.Co.

1290 T.D.

1300 T.D.

Sunray

5641 T.D.

A.R.Co.

A.R.Co.

Mutual Oil

502 T.D.

21

22

1180 T.D.

1645 T.D.

A.R.Co

28

27

11

A

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 ALLOTTEE OR TRIBE NAME

Navajo

UNIT AGREEMENT NAME

English Unit

LEASE OR TRACT NAME

English WN

WELL NO.

36

FIELD AND POOL, OR WILDCAT

Boundary Butte

SEC., T., R., M., 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 (7 below) at surface

1760' FSL & 2200' FWL, Section 22

14. PERMIT NO.

API#-None

15. ELEVATIONS (Show whether OF, TO, OR, ETC.)

5366' GL

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.

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.

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

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

Federal approval of this action is required before commencing operations.

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 1 1/2 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, 4 1/2 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  
5 1/2" 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'  
5 1/2" 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:

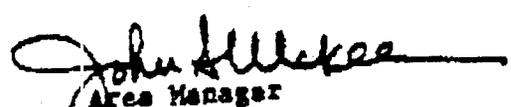
- 1. The reason that the well should be permanently plugged and abandoned.
- 2. A plugging program to isolate and protect subsurface zones, other minerals and water zones.

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 TRIPLICATE  
(Other instructions on  
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 back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

<p>1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/></p> <p>2. NAME OF OPERATOR <b>ARCO Oil and Gas Company, Division of Atlantic Richfield Company</b></p> <p>3. ADDRESS OF OPERATOR <b>707 17th Street, P. O. Box 5540 Denver, Colorado 80217</b></p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface  <b>1760' FSL &amp; 2200' FWL, Section 22</b></p> <p>14. PERMIT NO. <b>43037 30028</b> API # - None <b>CCSD</b></p>	<p>5. LEASE DESIGNATION AND SERIAL NO. <b>I-149-Ind-7180</b></p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME <b>Navajo</b></p> <p>7. UNIT AGREEMENT NAME <b>English Unit</b></p> <p>8. FARM OR LEASE NAME <b>English WN</b></p> <p>9. WELL NO. <b>36</b></p> <p>10. FIELD AND POOL, OR WILDCAT <b>Boundary Butte</b></p> <p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>Sec. 22-T43S-R22E</b></p> <p>12. COUNTY OR PARISH <b>San Juan</b></p> <p>13. STATE <b>Utah</b></p>
<p>15. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>5366' GL</b></p>	

**RECEIVED  
DEC 19 1985  
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"/>	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) <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.) \*

ARCO Oil and Gas Company has completed the plug and abandon work as outlined on the approved Sundry Notice and abandonment procedure. (see attachment)

The work was performed from November 7, 1985 to November 8, 1985. Approximately 36 bbls. of oil were recovered from P & A operations on this well.

**ACCEPTED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING**  
DATE: 12/23/85  
BY: John R. Bay

18. I hereby certify that the foregoing is true and correct  
SIGNED Thos Fuchs / w/ Jan Hill TITLE Production / Prod Supt DATE 12-4-85

(This space for Federal or State office use)  
APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

PERMIT IN THE STATE OF ARIZONA  
SEE INSTRUCTIONS ON REVERSE SIDE

Form approved  
Budget Bureau No. 1104-1103  
Expires August 31, 1985

LEASE DESIGNATION AND SERIAL NO  
I-149-Ind-7180  
INDIAN RESERVE 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.

RECEIVED

Navajo  
UNIT AGREEMENT NAME

English Unit  
NAME OF LEASE NAME

English WN  
WELL NO.

36  
FIELD AND POOL OR WILDCAT

Boundary Butte  
SEC. T. R. M. OR BLK. AND SURVEY OF AREA

Sec. 22-T43S-R22E  
COUNTY OR PARISH STATE

San Juan Utah

1. NAME OF OPERATOR ARCO Oil and Gas Company, Div. of Atlantic Richfield Company  
2. ADDRESS OF OPERATOR 707-17th Street, P.O. Box 5540, Denver, Colorado  
3. LOCATION OF WELL Report location clearly and in accordance with any State requirements. See also space (7 below) at surface

1760' FSL & 2200' FWL, Section 22

14. PERMIT NO. API#-None  
15. ELEVATIONS Show whether OF, ST, OR, P.L. 5366' GL

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.)

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.

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

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  
CONDITIONS OF APPROVAL IF ANY:

cc: 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	<u>12-30</u>	<u>10:00A</u>
TAMI	<u>12-30</u>	<u>10:35</u>
VICKY	<u>1-3</u>	<u>8:30</u>
CLAUDIA	<u>4-1-2</u>	<u>8:23</u>
STEPHANE	<u>26 12-30</u>	<u>12:29</u>
CHARLES	<u>CP 12-31</u>	<u>12:38</u>
RULA	<u>1-3</u>	<u>8:35</u>
MARY ALICE	<u>MAP 12:31</u>	<u>8:34</u>
CONNIE	<u>CO 12-31</u>	<u>8:17</u>
MILLIE		
PAM	<u>1-3</u>	<u>9:45</u>

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 type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER Change of Operator		5. LEASE DESIGNATION AND SERIAL NO. 1-149-Ind-7180
2. NAME OF OPERATOR Present Operator ARCO Oil and Gas Company, a Division of Atlantic Richfield Co.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo
3. ADDRESS OF OPERATOR P. O. Box 1610 - Midland, Texas 79702		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface SE NE SW Section 22-T43S-R22E 1760 FSL 2200 FWL		8. FARM OR LEASE NAME English WN
16. PERMIT NO.		9. WELL NO. 36
15. ELEVATIONS (Show whether of. RT. OR. C.M.) GL 5366		10. FIELD AND POOL, OR WILDCAT Boundary Butte
		11. SEC., T., R., M., OR B.L.R. AND SUBST OR AREA Section 22-T43S-R22E
		12. COUNTY OR PARISH San Juan
		13. STATE Utah

18. 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"/>
SMOOT OR ACIDISE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SMOOTHING OR ACIDISING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	
(Other) Change of Operator <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).\*

The parties listed below wish to notify this Commission of the change of operator for the well described above

From: ARCO Oil and Gas Company, a Division of Atlantic Richfield Company  
P. O. Box 1610  
Midland, Texas 79702

To: Hondo Oil & Gas Company  
P.O. Box 2208  
Roswell, New Mexico 88202

API No: 43-037-30008

**RECEIVED**  
MAR 09 1987

DIVISION OF  
OIL, GAS & MINING

Effective Date: January 1, 1987

18. I hereby certify that the foregoing is true and correct  
SIGNED [Signature] TITLE J. K. THOMPSON DATE FEB 27 1987  
Attorney-in-Fact

(This space for Federal or State office use)

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