

**FILE NOTATIONS**

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

Checked by Chief ..... *CWB*  
Approval Letter ..... *11-1-73*  
Disapproval Letter .....

**COMPLETION DATA:**

Date Well Completed *12-10-73* .....

Location Inspected .....

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

Bond released

GW..... OS..... PA..... ✓

State or Fee Land .....

**LOGS FILED**

Builder's Log..... ✓

Engine Logs (Mo.) .....

E..... I..... Dual I Lat..... GR-N..... Micro.....

NEC Sonic GR..... Lat..... MI-L..... Sonic.....

CBLog..... CCLog..... Others.....

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

*JMB*

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

5. LEASE DESIGNATION AND SERIAL NO.  
U-15895

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
East Redwash Federal

9. WELL NO.  
4-5

10. FIELD AND POOL, OR WILDCAT  
East Redwash

11. SEC., T., E., M., OR BLK. AND SURVEY OR AREA  
Sec. 5-8s-25E.

12. COUNTY OR PARISH 13. STATE  
Uinta Utah

2. NAME OF OPERATOR  
Diamond Shamrock Corporation

3. ADDRESS OF OPERATOR  
Bbx 631, Amarillo, Texas

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface N.E. 1/4 of N.E. 1/4 660 FNL, 660 FEL.  
 At proposed prod. zone Same as Above

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
12 Miles N.E. Bananza, Utah

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)  
660

16. NO. OF ACRES IN LEASE  
640

17. NO. OF ACRES ASSIGNED TO THIS WELL  
80

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
None

19. PROPOSED DEPTH  
4700'

20. ROTARY OR CABLE TOOLS  
Rotary

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

22. APPROX. DATE WORK WILL START\*  
II-6-73

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/2	8 5/8	26	200'	Back to surface
7 7/8	4 1/2 or 5 1/2	9.5	4700'	200 Sks.

Will drill to a total depth of 4700'. If production is encounter, we will set 4 1/2 or 5 1/2 casing.

Safety Equipment

Shaffer double blow out preventers with pipe and blind rams. 3,000 # W.P.  
Flow manifold with positive and adjustable chokes.

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 *Stuart Byram* TITLE Dist. Drilling Sup't. DATE 10-26-73

(This space for Federal or State office use)

PERMIT NO. 43047-30163 APPROVAL DATE \_\_\_\_\_

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

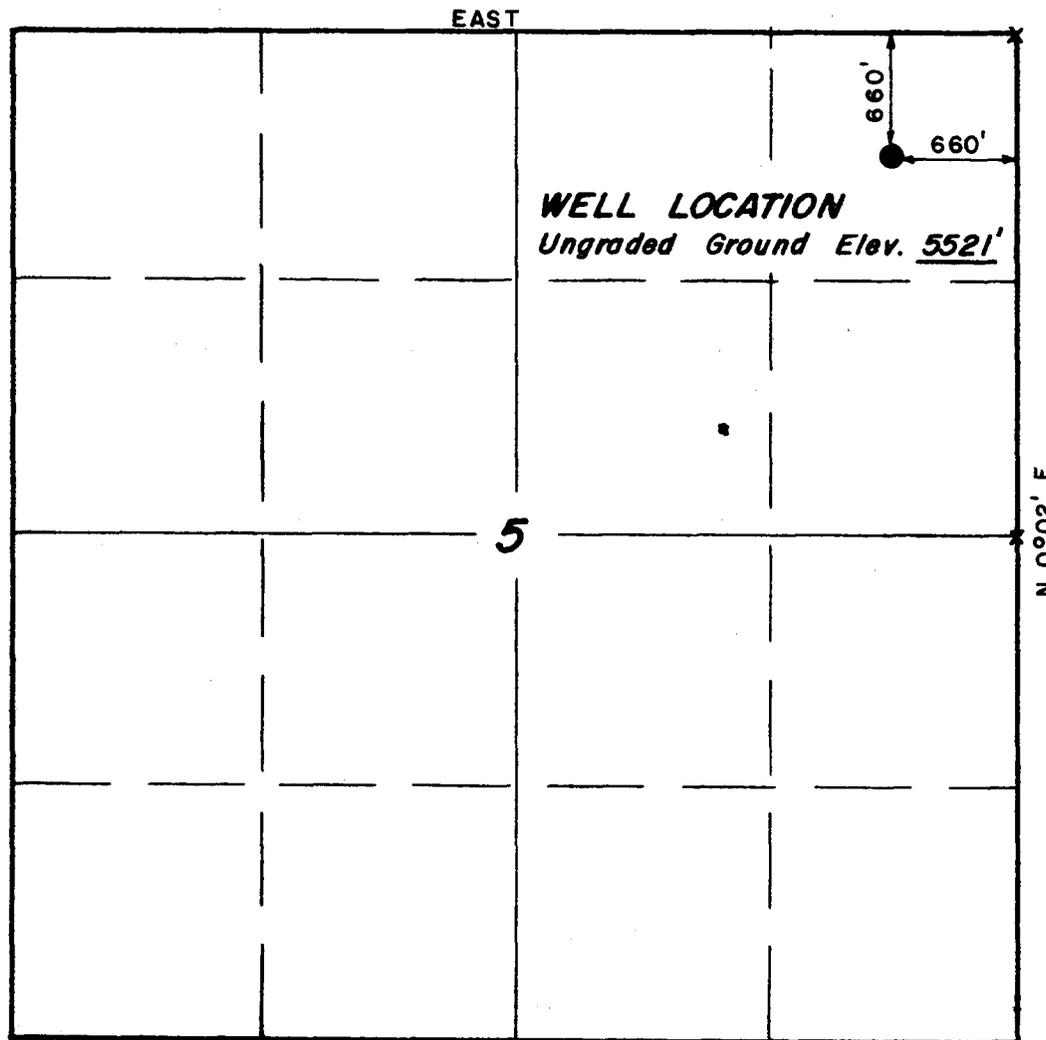
CONDITIONS OF APPROVAL, IF ANY:

T8S, R25E, S.L.B. & M.

PROJECT

**DIAMOND SHAMROCK**

Well location, located as shown in the NE 1/4 NE 1/4, Section 5, T8S, R25E, S.L.B. & M., Uintah County, Utah.



CERTIFICATE

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

*Lawrence C. Key*  
 REGISTERED LAND SURVEYOR  
 REGISTRATION NO 3137

STATE OF UTAH

REVISED OCT. 22, 1973

UINTAH ENGINEERING & LAND SURVEYING  
 P. O. BOX Q - 110 EAST - FIRST SOUTH  
 VERNAL, UTAH - 84078

X = SECTION CORNERS LOCATED

SCALE	1" = 1000'	DATE	OCTOBER 12, 1973
PARTY	D.A., R.R., & L.K.	REFERENCES	GLO Plat
WEATHER	LIGHT RAIN	FILE	SHAMROCK OIL CO.

November 1, 1973

Diamond Shamrock Corporation  
Box 631  
Amarillo, Texas

Re: Well No's:  
East Red Wash Federal #1-33  
Sec. 33, T. 7 S. R. 25 E,  
East Red Wash Federal #4-5  
Sec. 5, T. 8 S, R. 25 E,  
Uintah County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to wells is hereby granted in accordance with the General Rules and Regulations and Rules of Practice and Procedure. However, as indicated in our approval letter for the Husky-State #2-32, dated October 24, 1973, spacing should be established by the Board of Oil and Gas Conservation within this area.

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  
OFFICE: 328-5771

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation relative to the above will be greatly appreciated.

The API numbers assigned to these wells are:

Federal #1-33: 43-047-30162  
Federal #4-5: 43-047-30163

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

CLEON B. FEIGHT  
DIRECTOR

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN THE STATE\*  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 42-R1424

5. LEASE DESIGNATION AND SERIAL NO.

**U-15895**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

**East Red Wash.**

9. WELL NO.

**4-5**

10. FIELD AND POOL, OR WILDCAT

**East Redwash**

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

**Section 5, Township 8**

**South Range 25 East**

12. COUNTY OR PARISH 13. STATE

**Utah**

**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

**Diamond Shamrock Corporation**

3. ADDRESS OF OPERATOR

**P. O. Box 631 - Amarillo, Texas 79173**

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

**NE 1/4 of NE 1/4, 660 FNL, 660 FEL**

14. PERMIT NO.

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

**5521' GR**

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREAT

MULTIPLE COMPLETE

FRACTURE TREATMENT

ALTERING CASING

SHOOT OR ACIDIZE

ABANDON\*

SHOOTING OR ACIDIZING

ABANDONMENT\*

REPAIR WELL

CHANGE PLANS

(Other) \_\_\_\_\_

**Drilling**

(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.)\*

**November 27, 1973 - Spudded well at 5:00 P.M.**

**November 28, 1973 - Set 8 5/8" casing at 225'. Cemented with 160 sacks of Class C  
Cement with 2% Calcium Chloride and 1/4 pounds floesal per sack.**

**December 1, 1973 - Tripping for bit No. 4 at 1727' in shale.**

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

SIGNED

*Steve Green*

TITLE

**Drilling Engineer**

DATE

**12-5-73**

(This space for Federal or State office use)

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

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

Ken Foltz - Flying Diamond.

4-5 - End Red Wash

NE sec 5 8 S 25 E

T.D - 4551 (Washed 10')

Washed Young - 4304 - 100' plug

Boez G. R. - 3210 - 100' plug

Topy G. R. - 1790 - 100' plug

Connig @ 212' - 100' plug & 75% inch  
10' sb/ mahr/ mud betw all plugs.

12/9/73

RMB

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TR... TE\*  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 42-R142.

5. LEASE DESIGNATION AND SERIAL NO.

**U-15895**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

**East Red Wash-Federal**

9. WELL NO.

**4-5**

10. FIELD AND POOL, OR WILDCAT

**East Red Wash**

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

**Sec. 5, T8S, R25E**

14. PERMIT NO.

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

**5521' Gr.**

12. COUNTY OR PARISH

**Uintah**

13. STATE

**Utah**

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.)\*

Proposed Plugging Procedure:

- 35 sacks cement from 4,354' - 4,254'
- 35 sacks cement from 3,260' - 3,160'
- 35 sacks cement from 1,840' - 1,740'
- 35 sacks cement from 237' - 137'
- 10 Sacs of cement at surface with dry hole marker.

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

SIGNED

*W. A. Schlegel*

TITLE

**Manager of Drill. Oper.**

DATE

**12-12-73**

(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.

**U-15895**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

**East Red Wash-Federal**

9. WELL NO.

**4-5**

10. FIELD AND POOL, OR WILDCAT

**East Red Wash**

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

**Sec. 5, T8S, R25E**

14. PERMIT NO.

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

**5521' Gr.**

12. COUNTY OR PARISH

**Uintah**

13. STATE

**Utah**

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

PULL OR ALTER CASING

<input type="checkbox"/>

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON\*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT\*

(Other)

<input type="checkbox"/>
<input type="checkbox"/>
<input checked="" type="checkbox"/>
<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.)\*

Plugging Procedure:

- 35 sacks cement from 4,354' - 4,254'
- 35 sacks cement from 3,260' - 3,160'
- 35 sacks cement from 1,840' - 1,740'
- 35 sacks cement from 237' - 137'
- 10 sacks cement at surface with dry hole marker.

Drilled to a total depth of 4,561'. Completed as plugged and abandoned 12-10-73.

Had verbal approval to plug from Paul Burschell with Wyoming Oil and Gas Conservation Commission and Gerald Daniels with U.S.G.S.

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

SIGNED

*Paul Burschell*

TITLE

**Manager of Drilling Oper.**

DATE

**12-12-73.**

(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 DUPLICATE  
(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 \_\_\_\_\_

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

2. NAME OF OPERATOR  
**Diamond Shamrock Corporation**

3. ADDRESS OF OPERATOR  
**Box 631, Amarillo, Texas 79173**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface **NE NE 660' from north line and 660' from east line**  
At top prod. interval reported below  
At total depth **Same**

14. PERMIT NO. **43-047-30163** DATE ISSUED \_\_\_\_\_

5. LEASE DESIGNATION AND SERIAL NO.

**U-15895**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

**East Red Wash-Federal**

9. WELL NO.

**4-5**

10. FIELD AND POOL, OR WILDCAT

**East Red Wash**

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

**Sec. 5, T8S, R25E**

12. COUNTY OR PARISH

**Utah**

13. STATE

**Utah**

15. DATE SPUNDED **11-27-73** 16. DATE T.D. REACHED **12-9-73** 17. DATE COMPL. (Ready to prod.) **12-10-73** 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* **5521' Gr.** 19. ELEV. CASINGHEAD \_\_\_\_\_

20. TOTAL DEPTH, MD & TVD **4,561'** 21. PLUG, BACK T.D., MD & TVD \_\_\_\_\_ 22. IF MULTIPLE COMPL., HOW MANY\* \_\_\_\_\_ 23. INTERVALS DRILLED BY \_\_\_\_\_ ROTARY TOOLS \_\_\_\_\_ CABLE TOOLS \_\_\_\_\_

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* **None** 25. WAS DIRECTIONAL SURVEY MADE **No**

26. TYPE ELECTRIC AND OTHER LOGS RUN \_\_\_\_\_ 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
<b>8 5/8"</b>	<b>24#</b>	<b>225'</b>	<b>12 1/4"</b>	<b>160 sacks</b>	<b>None</b>

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number) 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

INTERVAL (MD)	SIZE	NUMBER	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33.\* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)					
<b>None</b>	<b>None</b>						
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) \_\_\_\_\_ TEST WITNESSED BY \_\_\_\_\_

35. LIST OF ATTACHMENTS \_\_\_\_\_

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

SIGNED **W. W. Ludwig** TITLE **Manager of Drill. Oper.** DATE **12-12-73**

\*(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.)

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS
				38.
				38. GEOLOGIC MARKERS
				TOP
				MEAS. DEPTH
				TRUE VERT. DEPTH
				NAME
				Wasatch Tongue
				4,304'
				Wasatch
				4,540'

DEC 14 1977

December 24, 1973

Diamond Shamrock Corporation  
Box 631  
Amarillo, Texas

Re: Well No. East Red Wash Fed. 4-5  
Sec. 5, T. 8 S, R. 25 E,  
Uintah County, Utah

Gentlemen:

This letter is to advise you that the electric and/or radioactivity logs for the above referred to well are due and have not been filed with this office.

If electric and/or radioactivity logs were not run, please make a statement to that effect in order to keep our records accurate and complete.

Thank you for your attention to the above.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

CLEON B. FEIGHT  
DIRECTOR

CBF:sd