

**FILE NOTATIONS**

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

PWB  
Checked by Chief .....  
Approval Letter 2-20-69  
Disapproval Letter .....

**COMPLETION DATA:**

Date Well Completed .....  
OW..... WW..... TA.....  
GW..... OS..... PA.....

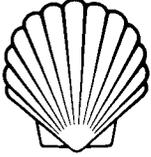
Location Inspected .....  
Bond released  
State or Fee Land .....

**LOGS FILED**

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

8270 B  
10,510 T  
9260  
10,800  
8470

11-1-90  
Jep



# SHELL OIL COMPANY

POST OFFICE BOX 999  
BAKERSFIELD, CALIFORNIA 93302

February 19, 1969

Grand County, Utah  
Notice of Intention to Drill  
Well "Federal 1-26"

United States Geological Survey  
Salt Lake City, Utah

Attention Mr. Rodney Smith

Gentlemen:

Enclosed herewith for your consideration and approval, please find the following instruments in connection with our request for permission to drill exploratory test well "Federal 1-26", in the Northeast quarter of Section 26, Township 21 South, Range 17 East, Grand County, Utah, being a portion of Federal Lease U-7121.

1. Notice of Intention to Drill, in triplicate.
2. Designation of Operator in which C. R. Sanford, Lessee of Record under U-7121, designates Shell Oil Company as Operator of Section 26, Township 21 South, Range 17 East, among other lands.
3. General Lease Bond in the amount of \$10,000, provided by C. R. Sanford, Lessee of Record under U-7121.

Since we wish to spud this well as soon as possible, we respectfully request your immediate handling of the application. By carbon copy of this letter, we also solicit the approval of the State of Utah.

Very truly yours,

Original Signed By  
T. S. CATE

T. S. Cate  
Division Land Manager  
California Division

Enclosures: (a) Notice of Intention to Drill  
in duplicate.  
(b) Copy of Bond.  
(c) Copy of Designation of Operator

cc - State of Utah-  
Oil and Gas Conservation Commission (w/att.)

PMS

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL [X] DEEPEN [ ] PLUG BACK [ ]

b. TYPE OF WELL OIL WELL [X] GAS WELL [ ] OTHER [ ] SINGLE ZONE [ ] MULTIPLE ZONE [ ]

2. NAME OF OPERATOR Shell Oil Company

3. ADDRESS OF OPERATOR 1600 Morris Road, Bakersfield, California 93308

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 820± ft. from east line and 2140± ft. from north line, Section 26, T. 21 S., R. 17 E., S.L.B. 4M. (location plat to follow) At proposed prod. zone Same. SW SENE

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) 820± ft. from east line 16. NO. OF ACRES IN LEASE 2000 Ac. 17. NO. OF ACRES ASSIGNED TO THIS WELL 20

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 19. PROPOSED DEPTH 12,000 Ft. MISS 20. ROYALTY OR RENTABLE POOLS

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 4440 Ft. ground. APPROX. DATE WORK WILL START\* March 1, 1969

Table with 4 columns: SIZE OF HOLE, SIZE OF CASING, WEIGHT PER FOOT, SETTING DEPTH. Rows include 26" hole to 40±' and 17-1/2" hole to 1200±'.

Surface formation: Mancos

- 1. Drill 26" hole to 40±' and set 20" conductor pipe.
2. Drill 17-1/2" hole to 1200±'. Run and cement 13-3/8", 54.54, 800± sacks.
3. Install 12" Series 900 double hydraulic gate with blank and 12" Series 900 GK Hydril. Test BOPE and casing with 1000 psi for 15 min.
4. Drill 9-7/8" hole to 12,000±' (Mississippian).

This is a prospect well, and casing program will depend upon formations. Please keep all information private and confidential.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zones and proposed 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 Robert L. Spenserwood TITLE Division Exploration Manager DATE 2/18/69

(This space for Federal or State office use)

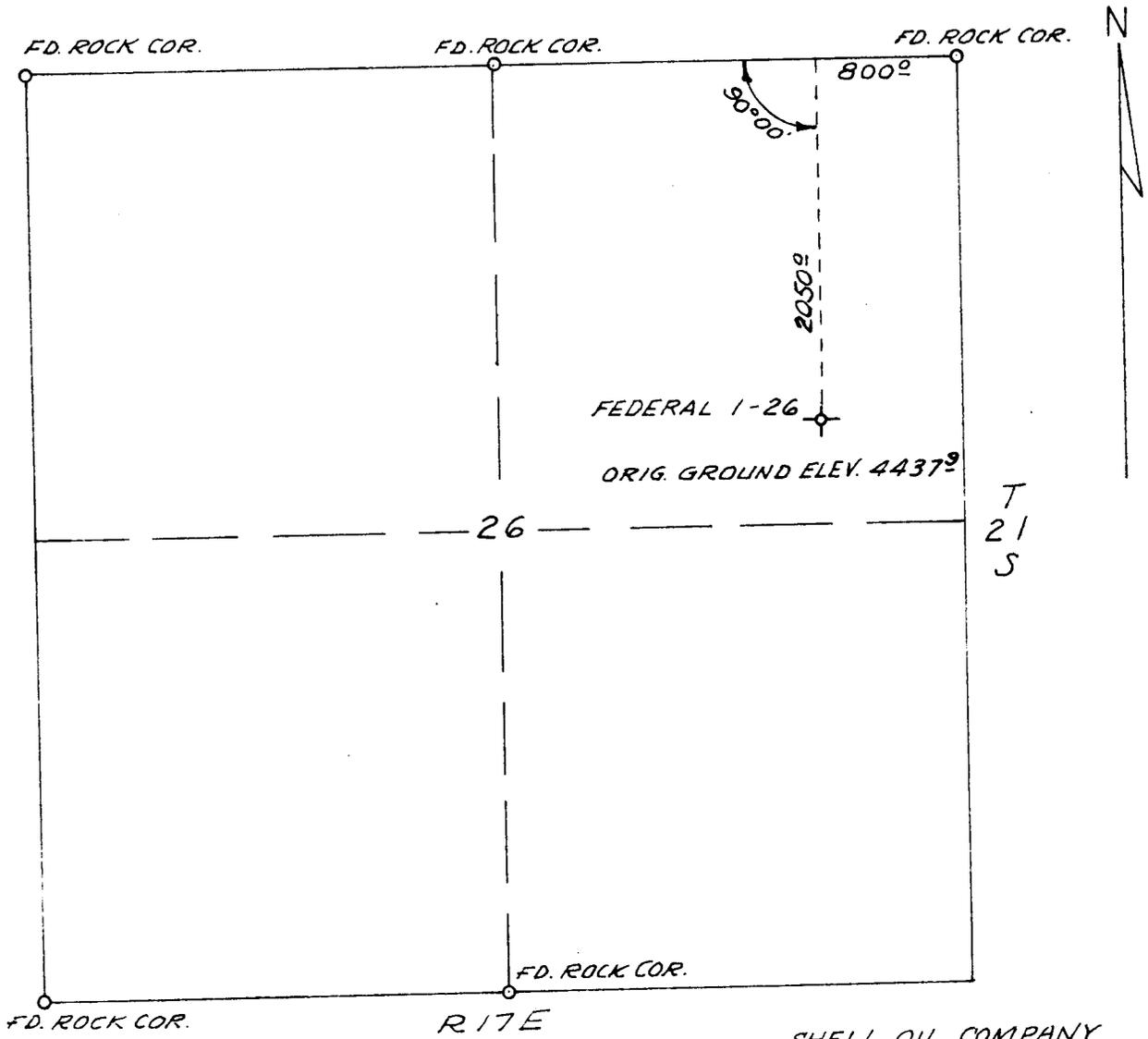
PERMIT NO. 43-019-30029 APPROVAL DATE

APPROVED BY TITLE

CONDITIONS OF APPROVAL, IF ANY:

*Handwritten initials*

# WELL LOCATION PLAT



FEDERAL 1-26  
 ORIG. GROUND ELEV. 4437<sup>9</sup>

T  
 21  
 S

*Stan S. Leogh*  
 UTAH REGD. LAND SURVEYOR No 1963

SHELL OIL COMPANY  
 FEDERAL 1-26 WELL LOCATION IN  
 SE 1/4, NE 1/4, SEC. 26, T21S, R17E,  
 SALT LAKE B. & M.  
 GRAND COUNTY, UTAH  
 SCALE: 1"=1000' FEB. 21, 1969  
 TRANSIT-CHAIN SURVEY

ELEV. FROM U.S.C. & G.S. BM. IN SEC. 25 (4464)

February 20, 1969

Shell Oil Company  
1600 Norris Street  
Bakersfield, California 93308

Re: WELL NO. Federal #1-26  
Sec. 26, T. 21 S, R. 17 E,  
Grand County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above mentioned well is hereby granted. However, this approval is conditional upon a surveyor's plat being furnished this office in accordance with Rule C-4(a), General Rules and Regulations and Rules of Practice and Procedure, State of Utah Division of Oil and Gas Conservation.

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  
OFFICE: 328-5771

This approval terminates within 90 days if the 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.

February 20, 1969

The API number assigned to this well is 43-019-30029 (See Bulletin D12 published by the American Petroleum Institute).

Very truly yours,

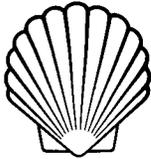
DIVISION OF OIL & GAS CONSERVATION

CLEON B. FEIGHT  
DIRECTOR

CBF:sd

Enclosures: Forms

cc: U.S. Geological Survey  
Rod Smith  
8416 Federal Building  
Salt Lake City, Utah 84111



# SHELL OIL COMPANY

POST OFFICE BOX 999  
BAKERSFIELD, CALIFORNIA 93301

February 28, 1969

Cobra Area  
Shell-Sanford Lease  
No. 23778  
U. S. Lease Utah 7121A  
Well No. Fed. No. 1-26  
Section 26, T.21S.,  
R.17E.  
API 43-019-30029

State of Utah  
Department of Natural Resources,  
Division of Oil and Gas Conservation  
1588 West North Temple  
Salt Lake City, Utah 84116

Attention Mr. Cleon B. Feight, Director

Gentlemen:

We refer to our Application For Permit to Drill the subject proposed Well No. 1-26 on U. S. Lease Utah 7121A at a location 820 plus or minus feet from the East line and 2140 plus or minus feet from the North line of Section 26, Township 21 South, Range 17 East, S.L.M., filed with your office on February 20, 1969, wherein we advised that the location plat is to follow, which Application was approved by you subject to our providing said location plat.

In furtherance thereof and in compliance with your letter of February 20, 1969, we attach hereto two copies of Well Location Plat prepared by John E. Keogh, Utah Registered Land Surveyor No. 1963, showing the surveyed location of said well.

The surveyed location of the proposed well is, as you will note, 800 feet West from the Northeast corner of said Section 26, and Southerly at right angles to the North line of said Section 2050 feet. We calculate this location to be less than the 100 feet from the approximate location set forth in our Application to the State of Utah and to the U.S.G.S. and within the 100-foot tolerance permitted in the U.S.G.S. permit.

State of Utah  
Department of Natural Resources,  
Division of Oil and Gas Conservation

2

Thank you for your courtesy and cooperation in connection  
with this matter.

Very truly yours,



For T. S. Cate  
Division Land Manager  
California Division

Attachments

cc - United States Department of Interior,  
U. S. Geological Survey  
8416 Federal Building  
Salt Lake City, Utah  
Attention Mr. R. A. Smith  
District Engineer (w/a)

INDUSTRIAL COMMISSION OF UTAH  
RIG SAFETY INSPECTION

Name of Company SHELL OIL COMPANY Date 3-27-69

Name of Drilling Contractor Brinkerhoff Drilling Company

Well Name and Number Federal 1-26 Rig No. 17 Field Wildcat

Section 26 Township 21 S Range 17 E

County Grand Driller A.C. Jensen

Number of 5 Toolpusher Bill Prince

Any lost-time accidents while on location Not for some time

Items causing lost-time accidents that have been corrected, or which need to be corrected None

Any new employees in crew None Have instructions been given the new crew members yes

	(Good) Yes	(Poor) No
Escape Ladders and Slides	X	
Ladders, Side Rails, Steps	X	
Walk-Around Floor and Railing	X	
Engines Guarded	X	
Rotary Drive Guard	X	
Fire Control Available	X	
General Housekeeping	X	
Hard Hats	X	
First Aid Kit	X *	
Blowout preventer installed	X	
Cellar clean, No debris	X	
Cathead	X	
Safety belts available	X	

Unsafe practices that might cause a mishap, and recommendations made for a safe method of doing the job. None visible

Drillers, Toolpushers or Drilling Superintendents reactions Very cooperative

Remarks \*Blowout preventer last checked 3/26/69, checked every trip.

1220' of 13 3/8" surface pipe with 800 sacks to surface

NOTE: Driller and Toolpusher both satisfied with rig and associated equipment

Deputy Inspector Paul W. Burchell - DIVISION OF OIL & GAS CONSERVATION

INDUSTRIAL COMMISSION OF UTAH

RIG SAFETY INSPECTION

Name of Company Shell Oil Co. Date 3/27/69  
 Name of Drilling Contractor Brenkerhoff Drilling  
 Well Name and Number 1-26 Fed. Rig No. 17 Field Wildcat  
 Section 26 Township 21S Range 17E  
 County Grand Driller A. C. Jensen  
 Number Present 5 Toolpusher Bill Prince  
 Any lost-time accidents while on location not for some time  
 Items causing lost-time accidents that have been corrected, or which need to be corrected none

Any new employees in crew none Have instructions been given the new crew members all had experience

	(Good) Yes	(Poor) No
Escape Line and Slide-----	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Ladders, Side Rails, Steps-----	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Walk-Around Floor and Railing-----	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Engines Guarded-----	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Rotary Drive Guard-----	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Fire Control Available-----	<input checked="" type="checkbox"/>	<input type="checkbox"/>
General Housekeeping-----	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Hard Hats-----	<input checked="" type="checkbox"/>	<input type="checkbox"/>
First Aid Kit-----	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Blowout preventer installed-----	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Cellar clean, No debris-----	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Cathead-----	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Safety belts available-----	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Unsafe practices that might cause a mishap, and recommendations made for a safe method of doing the job. none visible

Drillers, Toolpushers or Drilling Superintendents reactions very cooperative

Remarks 1220' of 13 3/8" surface pipe / 800' to surface.  
Drilling @ 2562 - Blowout preventer OK last checked  
3/26/69 - checked every step - Tool Pusher & Driller  
both satisfied w/ rig's  
correct equipment  
Confidential  
Mr. Stenfer - Shell's Drilling Foreman

Deputy Inspector Paul W. Burchell - Utah Div. of Oil & Gas Conservation

Field Name = Respect Stenfield

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LAND OFFICE Salt Lake City  
LEASE NUMBER U-7121A  
UNIT ---

**LESSEE'S MONTHLY REPORT OF OPERATIONS**

State Utah County Grand Field Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for the month of March, 1969,

Agent's address 1600 Norris Road Company Shell Oil  
Bakersfield, California Signed *[Signature]*

Phone 399-5541 Agent's title San Joaquin Division Production Manager

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
SE/4 of NE/4 of 26	21S	17E	1-26	Drilling						4076 ft.
<p>Location prepared with 20" subconductor cemented 18' below mat grade (31' from K.B.). Spudded with 17-1/2" bit 7:00 P.M., 3/12/69, and drilled to 1220'. Cemented 13-3/8" casing at 1220 ft. with 500 sacks of API Class G cement mixed with 8% gel followed by 300 sacks of API Class G cement treated with 3% CaCl<sub>2</sub>. 224 ft.<sup>3</sup> returns.</p> <p>Flanged up B.O.P.E. (12" series 900 hydraulically operated dual Shaffer Gate and G. H. Hydril with 80 gal. accumulation) and tested with 1700 psi for 15 min. O.K. Tested pipe rams and casing with 1100 psi for 15 min. O.K. Drilled out with 9" bit. Ran IES, Sonic Log and 16 SWS at 1780 ft.</p>										
<p>We request that the above information be kept confidential.</p>										

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

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

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

SUBMIT IN T  
(Other instruc  
verse side)

TE\*  
... re-

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.  
**Sanford C.R. #1  
Salt Lake U7121**

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

**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

7. UNIT AGREEMENT NAME  
**N.A.**

2. NAME OF OPERATOR  
**Shell Oil Company**

8. FARM OR LEASE NAME  
**Federal #1**

3. ADDRESS OF OPERATOR  
**P. O. Box 999, Bakersfield, California 93302**

9. WELL NO.  
**No. 1-26**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface **800' from the east line and 2050' from the north line  
of Section 26, T. 21 S., R. 17 E., S.L.B.&M.**

10. FIELD AND POOL, OR WILDCAT  
**Wildcat**

11. SEC., T., E., M., OR BLK. AND SURVEY OR AREA  
**Sec. 26, T. 21 S.,  
R. 17 E., S.L.B.&M.**

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
**4438' GR**

12. COUNTY OR PARISH  
**Grand**

13. STATE  
**Utah**

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

NOTICE OF INTENTION TO:

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

SUBSEQUENT REPORT OF:

WATER SHUT-OFF	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
FRACTURE TREATMENT	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
SHOOTING OR ACIDIZING	<input type="checkbox"/>	ABANDONMENT*	<input type="checkbox"/>
(Other) <b>Monthly report of operations</b>	<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.)\*

**Month of April 1969.  
Depth as of April 30, 1969; 7557'.  
Drilled to 4996' and made DST #1 4945-4996'. Open one hour, recovered 20' of drilling mud. Drilled to 6615' and made DST #2 6465-6615', open 1-1/2 hours, recovered 20 barrels SMC mud and 30 barrels salt water, 100,000 ppm NaCl (c). Drilled to 7557' and conditioned mud for log run #2.**

**Note: We request this information be treated as confidential.**

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

SIGNED *J. M. [Signature]*

TITLE \_\_\_\_\_

DATE **MAY 2 1969**

(This space for Federal or State office use)

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

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

\*See Instructions on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN \_\_\_\_\_ DATE \_\_\_\_\_  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

**Sanford G.R. #1  
Salt Lake U7121A**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

**N/A**

7. UNIT AGREEMENT NAME

**N/A**

8. FARM OR LEASE NAME

**Federal #1**

9. WELL NO.

**No. 1-26**

10. FIELD AND POOL, OR WILDCAT

**Wildcat**

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

**Section 26, T. 21 S.,  
R. 17 E., S.L.B. 4M.**

12. COUNTY OR PARISH

**Grand**

13. STATE

**Utah**

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

1. OIL WELL  GAS WELL  OTHER **Exploratory**

2. NAME OF OPERATOR  
**Shell Oil Company**

3. ADDRESS OF OPERATOR  
**P.O. Box 999,akersfield, California**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\* See also space 17 below.)  
At surface **800' from the east line and 2050' from the north line of Section 26, T. 21 S., R. 17 E., S.L.B. 4M.**

14. PERMIT NO.

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

**4438' G.R.**

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)

**Running and cementing csg.**

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.)\*

On May 13, 1969, 7", 23 lb/ft. casing was landed and cemented at 8271' with 350 sacks Class G cement mixed with 1% GFR-2, 4% gel, and 5.4% NaCl plus 200 sacks neat cement mixed with 1% GFR-2 and 4.2% NaCl. Good circulation during cementing, bumped plug with 2000 psi - held O.K. After 12 hours, ran temperature survey which showed cement top to be 5475±'.

The above is subsequent to a verbal report to Mr. Rodney Smith on May 13, 1969, outlining proposed casing and cementing procedure.

We request the above information be treated as confidential.

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

SIGNED

*[Signature]*

TITLE

DATE

**MAY 15 1969**

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

NOT FOR PUBLIC INSPECTION

NOT FOR PUBLIC INSPECTION

DATE APPROVED: \_\_\_\_\_ BY: \_\_\_\_\_

Operator Shell Oil Co Well No. 1-26 Location SE NW 26 Sec. 21 S Twp. 17 E

Lease No. U-7121 Field WC

Unit No. \_\_\_\_\_

Refractometer N/A

W.D. 11,895 10+

Depth 13 3/8 @ 1220' 7" @ 8271

surface none - set 100' plug in top of 7" of water  
5475 none - set 100' plug in 7" - 13 3/8 annulus

Formation	Depth	Notes
Morrison	1440	
Curtis	2240	
Entrada	2580	
Cannel	2895	
Navajo	3025	- will perforate! circulate at least 100' plug above top of Navajo
Keyenta	3420	
Wingate	3515	
Chile	3970	
Shinarump	4243	
Monksgate	4280	
White Rim	5028	- will perforate / circulate at least 100' plug above top of White Rim - have Monksgate
Cutler	5230	
Elephant Cr.	5460	
Honaker F.	6250	- set CIPB topped w/300' sand in base of 7"
Salt	7920	
Unkn.	?	11,895 11,795 if able to get loose

Prob. did not penetrate Muskegon

No soluble salts below 8275'. DST # 8200-8300? showed no permeability (run on shale gas show). DST 06455 see salt water. No sig show of hydrocarbon. lost 3' 11,895-95' lost circulation & have been having hole problems. At TD, stuck. Will run 8 way - annulus

Approved by Dodney A. Smith Date 7/7/69 Time 9:00  
Swims shot, gravel pack & try to get loose. If

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

SUBMIT IN TWO COPIES  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. RESERVOIR DESIGNATION AND SERIAL NO.  
**Exploratory C.R. #1**

**Salt Lake U-7121A**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

**N.A.**

7. UNIT AGREEMENT NAME

**N.A.**

8. FARM OR LEASE NAME

**Federal #1**

9. WELL NO.

**No. 1-26**

10. FIELD AND POOL, OR WILDCAT

**Wildcat**

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

**Section 26, T. 21 S., R. 17 E., S.L.B. 6M.**

12. COUNTY OR PARISH

**Grand**

13. STATE

**Utah**

1. OIL WELL  GAS WELL  OTHER **Exploratory**

2. NAME OF OPERATOR

**Shell Oil Company**

3. ADDRESS OF OPERATOR

**1600 Morris Road, Bakersfield, California**

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

At surface **800' from the east line and 2050' from the north line of Section 26, T. 21 S., R. 17 E., S.L.B. 6M.**

14. PERMIT NO.

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

**4438' Gr.**

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\*

**Monthly Report of Operations**

(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.)\*

**Month of June, 1969.**

**Continued drilling from 9168' to 9650'. Ran Sonic Gamma Ray and through drill pipe Gamma Ray-Neutron Logs and ran seismic check shots. Drilled ahead. At month's end, drilling ahead at 11,479'.**

**NOTE: We request this information be treated as confidential.**

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

SIGNED **C. J. FRAZIER**

TITLE

DATE **JUL 8 1969**

(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  
(Other instr  
verse side)

DATE  
on re-

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

**Sanford C.R. #1  
Salt Lake U-7121A**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

**N/A**

7. UNIT AGREEMENT NAME

**N/A**

8. FARM OR LEASE NAME

**Federal #1**

9. WELL NO.

**No. 1-26**

10. FIELD AND POOL, OR WILDCAT

**Wildcat**

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

**Section 26, T. 21 S.,  
R. 17 E., S.L.B. 6M.**

12. COUNTY OR PARISH 13. STATE

**Grand**

**Utah**

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

1. OIL WELL  GAS WELL  OTHER  **Exploratory**

2. NAME OF OPERATOR  
**Shell Oil Company**

3. ADDRESS OF OPERATOR  
**1600 Morris Road, Bakersfield, California**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface **800' from the east line and 2050' from the north line  
of Section 26, T. 21 S., R. 17 E., S.L.B. 6M.**

14. PERMIT NO.

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

**4438' GR.**

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.)\*

1. Lay 100' cement plug on bottom if possible and feasible.
2. Set permanent bridge plug inside and near shoe of 7" casing.
3. Cap bridge plug with 100' cement plug.
4. Lay 100' cement plug at top of white rim (3028') by perforating 7" casing and squeezing. Leave 5 to 10 sacks inside casing.
5. Lay 100' cement plug at top of Navajo (3025') by perforating and squeezing, leaving 5 to 10 sacks inside casing.
6. Lay 100' surface plug inside 7" casing.
7. Lay 100' surface plug inside annulus between 7" and 13-3/8" casing.
8. Install surface marker.

Note: This abandonment program will be done according to requirements outlined by Rodney Smith of the U.S.G.S. of Salt Lake City, at 7:45 P.M. on July 7, 1969.

Note: We request this information be treated as confidential.

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

SIGNED

*Original Signed By*  
**C. J. FRAZIER**

TITLE

DATE

**8/11/69**

(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  
(Other inst  
verse side)

DATE

Form approved.  
Budget Bureau No. 42-R1424.

LEASE DESIGNATION AND SERIAL NO.

**Bakersfield C-8-711 A**  
**State Lease 0-711 A**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NA

7. UNIT AGREEMENT NAME

NA

8. FARM OR LEASE NAME

**Federal No. 1**

9. WELL NO.

**1-26**

10. FIELD AND POOL, OR WILDCAT

**Wildcat**

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

**Sec. 26, T. 21 S., R. 17 E., S.L.B. 6M.**

12. COUNTY OR PARISH 13. STATE

**Grand**

**Utah**

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1.

OIL WELL  GAS WELL  **X OTHER Exploratory**

2. NAME OF OPERATOR

**Shell Oil Company**

3. ADDRESS OF OPERATOR

**1600 Morris Road, Bakersfield, California**

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

**800' FEL and 1050' FML  
Sec. 26, T. 21 S., R. 17 E., S.L.B. 6M.**

14. PERMIT NO.

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

**4438' GR.**

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.)\*

**In accordance with U.S.G.S. and State of Utah regulations, and as discussed between Rodney Smith of the U.S.G.S. and E. A. Koerperich of Shell on July 7, 1969, Federal 1-26 was abandoned as follows:**

1. Set Baker cast iron bridge plug at 8250' (shoe at 8271').
2. With open end drill pipe at 8239', pumped in 35 sacks Class G cement, 15 ppg slurry.
3. Shot four holes in 7" casing at 5028' (top/White Rim). Squeezed 40 sacks Class G cement through holes. Left 10 sacks inside casing.
4. Shot four holes in 7" casing at 3025' (top/Navajo). Squeezed 40 sacks Class G cement through holes. Left 10 sacks inside casing.
5. Squeezed 50 sacks Class G cement between 7" and 13-3/8" casing at surface.
6. With open-end drill pipe at 215', pumped in 35 sacks Class G cement, 15.5 ppg slurry.
7. Installed well location marker with 6' cemented in 7" casing.

**NOTE:** Placing a cement plug at T.D. was not attempted due to precarious hole conditions.

**NOTE:** We request this information be treated as confidential.

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

SIGNED

*R. L. Grosswood*

TITLE

DATE

**SEP 11 1969**

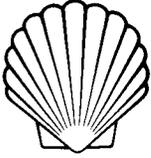
(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:



# SHELL OIL COMPANY

POST OFFICE BOX 999  
BAKERSFIELD, CALIFORNIA 93302

OCT 15 1969

**Completion Reports (Form 9-330)  
Shell Federal 1-26  
Shell Federal 1-21  
Grand County, Utah**

**United States Geological Survey  
Oil and Gas Operations  
8416 Federal Building  
Salt Lake City, Utah 84111**

**Attention Mr. F. A. Salverowicz**

**Gentlemen:**

We refer to your letter dated September 30, 1969, regarding the filing of electric logs, geologic sample log, and the completion report for our well No. 1-26.

Pending clearance from our Exploration Department to file the logs, we are enclosing two copies of the completion report (Form 9-330) for Federal 1-21 and Federal 1-26.

**Yours very truly,**

Original signed by  
F. A. MacDougall

**F. A. MacDougall  
Division Production Manager  
San Joaquin Division**

**Enclosures**

cc - State of Utah ✓  
Division of Oil and Gas Conservation  
1588 W. North Temple  
Salt Lake City, Utah  
Attention Mr. C. B. Feight (w/2 copies each attach.)

397-5541

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

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

5. LEASE DESIGNATION AND SERIAL NO.

Stanford C. H. No. 1  
Salt Lake 07/121

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

N.A.

7. UNIT AGREEMENT NAME

N.A.

8. FARM OR LEASE NAME

Federal No. 1

9. WELL NO.

No. 1-26

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Section 26, T. 21 S., R. 17 E., S.L.B. 6M.

12. COUNTY OR PARISH  
Grand

13. STATE  
Utah

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other \_\_\_\_\_

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

2. NAME OF OPERATOR

Shell Oil Company

3. ADDRESS OF OPERATOR

1600 Norris Road, Bakersfield, California

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

At surface 800' from the east line and 2050' from the north line of Section 26, T. 21 S., R. 17 E., S.L.B. 6M.  
At top prod. interval reported below

At total depth

14. PERMIT NO. API 43-019-30029 DATE ISSUED 2-20-69

15. DATE SPUDDED 3-12-69 16. DATE T.D. REACHED 7-7-69 17. DATE COMPL. (Ready to prod.) Abandoned 7-11-69 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 4438 GR. 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 11,895' 21. PLUG, BACK T.D., MD & TVD Surface 22. IF MULTIPLE COMPL., HOW MANY\* 23. INTERVALS DRILLED BY 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 IES, DUL, Latereleg, GR-Sonic (comp), GR-FBC, GR-SNP, GR-N 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
20"			26"		
13-3/8"	54.5#	1220'	17-1/2"	800 Sacks	None
7"	23#	8271'	9"	550 Sacks	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
--				

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
--		

31. PERFORATION RECORD (Interval, size and number)

5028' four 1/2" holes (squeezed)  
3025' four 1/2" holes (squeezed)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5028'	Squeezed with 50 sacks cement below retainer at 4901'.
3025	Squeezed with 50 sacks cement below retainer at 2901'.

33.\* PRODUCTION

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

*[Signature]*

TITLE Division Production Manager

DATE OCT 15 1969

\*(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 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 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.)

OCT 16 1965

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	GEOLOGIC MARKERS
<b>DST No. 1</b>	4945'	4996'	<p>No water cushion. Tool open total 63 min. No blow. Rec. 0.15 bbls. mud. MHP's: ISIP 174 psi (60 min.); IFF 46 psi. FFP 50 psi, FSIP 76 psi (120 min.)</p> <p>No water cushion. Tool open total 1 hr. 33 min. Strong initial blow decreasing throughout test. Rec. 20 bbls. gas and water cut mud plus 30 bbls. salt water (166,600 ppm NaCl). MHP's: ISIP 2989 psi (60 min.), IFF 206 psi, FFP 1565 psi, FSIP 2906 psi (180 min.).</p> <p>2020' water cushion. Tool open total 1 hr. 10 min. Fair blow decreasing to weak. Rec. 18.6 bbls. slightly gas cut mud. MHP's: ISIP 2126 psi (60 min.); IFF 1737 psi, FFP 1774 psi, FSIP 2033 psi (120 min.)</p>		38.
<b>DST No. 2</b>	6465'	6615'			
<b>DST No. 3</b>	8236'	8271'			

FORM OGC-8-X

FILE IN QUADRUPLICATE

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

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number Federal 1-26  
Operator Shell Oil Company Address 1600 Norris Road  
Bakersfield, Calif. Phone 399-5541  
Contractor Brinkerhoff Drilling Company Address 870 Denver Club Blvd.  
Denver, Colorado Phone \_\_\_\_\_  
Location SE 1/4 NE 1/4 Sec. 26 T. 21 ~~N~~R. 17 ~~S~~ E Grand County, Utah  
S ~~xx~~

Water Sands:

<u>Depth</u>		<u>Volume</u>	<u>Quality</u>
From	To	Flow Rate or Head	Fresh or Salty
1. <u>No fresh water sands were encountered in this well.</u>			
2. <u>6465-6615'</u>		<u>2100' (30 Bbl.)</u>	<u>177,000 ppm NaCl</u>
<u>(DST No. 2 - Honaker Trail)</u>			
3. _____			
4. _____			
5. _____			

(Continue on reverse side if necessary)

Formation Tops:

Honaker Trail 6258'

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.

February 6, 1970

Shell Oil Company  
1600 Norris Road  
Bakersfield, California

Re: Well No. Federal #1-26  
Sec. 26, T. 21 S, R. 17 E,  
Grand County, Utah

Gentlemen:

In checking our files, it appears that the information related to the drilling of the above mentioned well will go on open file after February 11, 1970.

Further, the electric and other logs run on the test have not been forwarded to the Division as of this date. It would be appreciated if this data could be submitted to this office prior to lifting the "confidential" status of the well records.

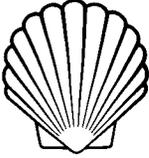
Thank you for your cooperation with regard to this request.

Very truly yours,

**SCHEREE** OF OIL & GAS CONSERVATION

SCHEREE DeROSE  
SUPERVISING STENOGRAPHER

:sd



# SHELL OIL COMPANY

POST OFFICE BOX 999  
BAKERSFIELD, CALIFORNIA 93301

FEB 20 1970

Logs - Shell Federal 1-26  
Section 26, T. 21 S., R. 17 E.,  
Grand County, Utah

State of Utah  
Division of Oil and Gas Conservation  
1588 West North Temple  
Salt Lake City, Utah 84116

Gentlemen:

With reference to your letter of February 6, 1970, requesting submittal of the electric logs run on the captioned well, we are enclosing one copy each of the mud log, induction-electrical log, dual induction-laterolog, laterolog, formation density log, sidewall neutron porosity log, gamma ray-neutron log, and caliper log.

Very truly yours,

*for* 

F. A. MacDougall  
Division Production Manager  
San Joaquin Division

Enclosures