

**FILE NOTATIONS**

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

Checked by Chief *P.W.B.*  
Approval Letter .....  
Disapproval Letter ..... *8.4.69*

**COMPLETION DATA:**

Date Well Completed .....

Location Inspected .....

W..... WW..... TA.....

Bond released

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

State or Fee Land .....

**LOGS FILED**

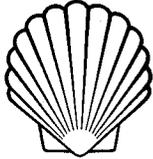
Driller's Log.....

Electric Logs (No.) .....

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

BHC Sonic GR..... Lat..... Mi-L..... Sonic.....

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



# SHELL OIL COMPANY

POST OFFICE BOX 999  
BAKERSFIELD, CALIFORNIA 93301

JUL 31 1969

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

Attention Mr. Cleon B. Feight, Director

Gentlemen:

Please find enclosed the following items relating to our proposed wildcat Shell Quintana Federal 1-1, NE/4 SW/4 Section 1, Township 24 South, Range 17 East, Grand County, Utah:

1. Application for Permit to Drill (four copies).
2. Copy of Designation of Operator.

The survey plat is not yet available and will follow soonest.

We request an exception to the State of Utah spacing regulations under Rule C-3(c) Geologic Conditions, i.e., the proposed location is at the intersection of two seismic lines and drilling at this spot will give us maximum control for correlating subsurface with seismic data. *AOK*

Shell and Associates control all oil and gas leases within a radius of 660 feet of the proposed location.

Very truly yours,

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

Enclosures

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  Exploratory SINGLE ZONE  MULTIPLE ZONE   
 2. NAME OF OPERATOR  
 Shell Oil Company  
 3. ADDRESS OF OPERATOR  
 1400 Nevada Blvd., Berkeley, California  
 4. LOCATION OF WELL. (Report location clearly and in accordance with any State requirements.)  
 At surface: 100' from gas well line and 100' from the south line of Section 1, T. 14 N., R. 17 E., S. 1. S. 1. S.  
 At proposed prod. zone: Unorthodox SW NE SW

5. STATE OF PRODUCTION  
 6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
 7. UNIT AGREEMENT NAME  
 8. LEASE OR LEASE NAME  
 10. FIELD AND POOL, OR WILDCAT  
 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 12. COUNTY OR PARISH  
 13. STATE

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 drig. unit line, if any)  
 16. NO. OF ACRES IN LEASE  
 17. NO. OF ACRES ASSIGNED TO THIS WELL  
 18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
 19. PROPOSED DEPTH  
 20. ROPEWAY OR CABLE TOOLS  
 21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 22. APPROX. DATE WORK WILL START\*

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12"	12"	300	1000'	200 sacks
12-1/4"	12-1/4"	300	1000'	200 sacks

Need Survey Plat & approve in accordance with Rule C-3(c)

- Surface Operations:
1. Drill 12" hole to 400' and set 12" submergence pipe.
  2. Drill 12-1/4" hole to 1000'. Run and cement 1000' of 12-1/4" 300 lb/ft casing to surface with 200 sacks of cement.
  3. Install 12" casing 200 lb/ft submergence pipe and install gas well G.S. Hydrill with 20 gallon accumulator.
  4. Drill 12-1/4" hole to 1000'.

Note: This is a gas well, and casing program will depend upon formation encountered.

Note: We request this information be treated as confidential.

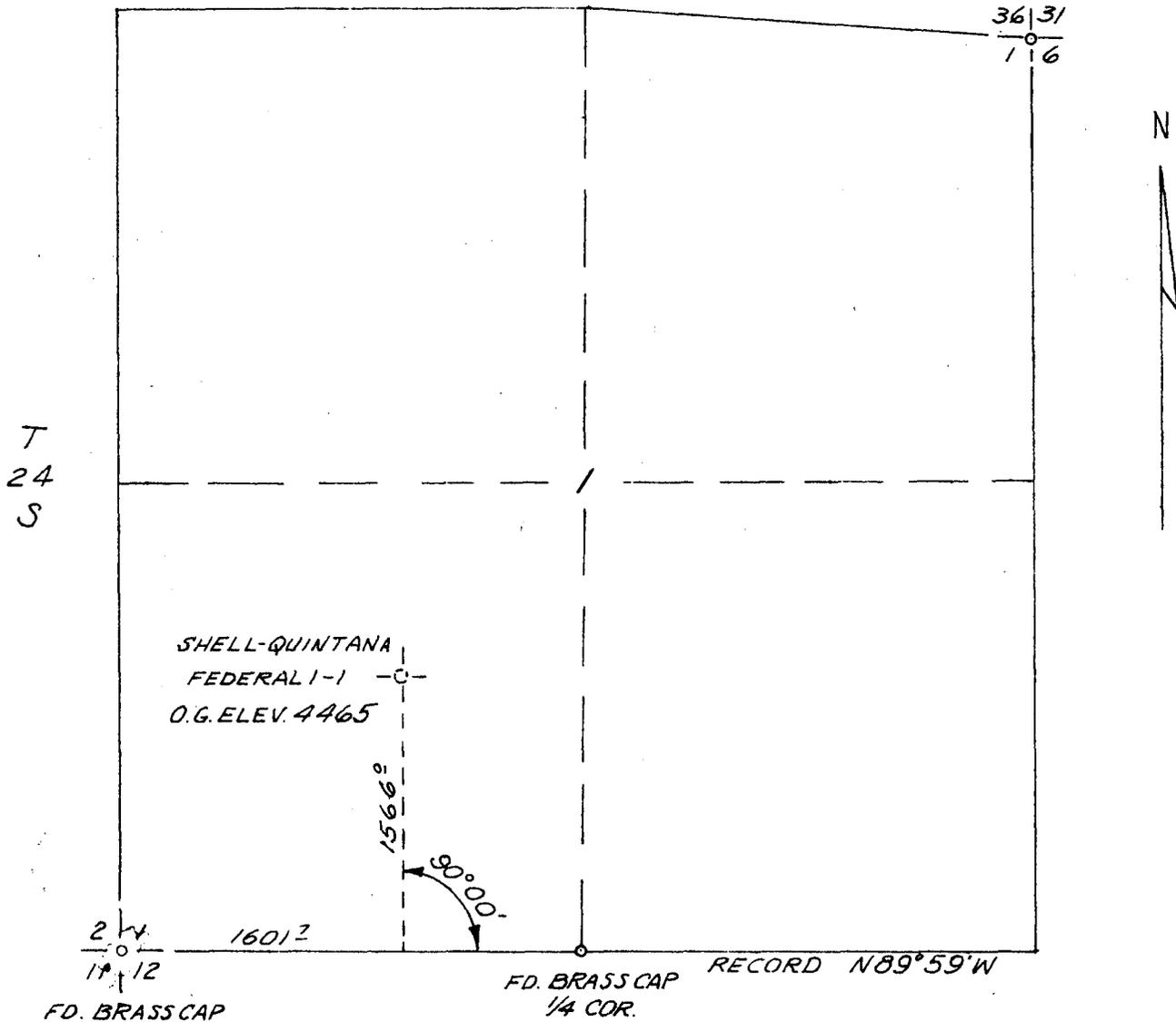
IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depth. Give blowout preventer program, if any.

24. SIGNED: [Signature] TITLE: Gen. Mgr. Prod. Mgr. DATE: 7/31/69

(This space for Federal or State office use)  
 PERMIT NO. 13-019-30042 APPROVAL DATE \_\_\_\_\_

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

WELL LOCATION PLAT



R 17 E

SHELL-QUINTANA-FEDERAL 1-1  
IN SW 1/4, SEC. 1, T24S, R17E, S.L.B. & M.  
GRAND COUNTY, UTAH  
FOR SHELL OIL COMPANY  
SCALE: 1" = 1000' JULY 30 1969  
TRANSIT-CHAIN SURVEY

ELEV. FROM SW COR., SEC. 1 (4465)  
FROM U.S.G.S. BOWKNOT BEND UTAH QUAD.

*John Keogh*  
UTAH REG'D. LANDSURVEYOR No 1963

## DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of lease Utah 1917

DISTRICT LAND OFFICE: Salt Lake City, Utah  
SERIAL No.: Utah 1917

and hereby designates

NAME: Shell Oil Company  
ADDRESS: P. O. Box 1200, Farmington, New Mexico 87401

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

T. 24 S., R. 17 E., SLM

Sec. 1: Lots 2-4 incl., and S 1/2 of N 1/2 and S 1/2

containing 606.03 acres, more or less, in Grand County, Utah.

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

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

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

QUINTANA PRODUCTION, LTD.  
A Limited Partnership

By Corbin J. Robertson

(Signature of lessee)

Corbin J. Robertson, General Partner

July 23, 1969

(Date)

500 Jefferson Bldg., Houston, Texas 77002

(Address)

August 4, 1969

Shell Oil Company  
1600 Norris Road  
Bakersfield, California

Re: Well No. Shell Quintana Fed. 1-1  
Sec. 1, T. 24 S, R. 17 E,  
Grand County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above mentioned well on said unorthodox location is hereby granted in accordance with Rule C-3(c). However, this approval is conditional upon a surveyor's plat being furnished this office.

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 GGC-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.

Shell Oil Company  
August 4, 1969  
Page 2

The API number assigned to this well is 43-019-30042 (See Bulletin D-12 published by the American Petroleum Institute).

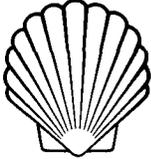
Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

CLEON B. FREIGHT  
DIRECTOR

CBF:sd  
Enclosures

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



# SHELL OIL COMPANY

POST OFFICE BOX 999  
BAKERSFIELD, CALIFORNIA 93301

AUG 5 1969

Application to Drill  
Shell-Quintana Federal 1-1  
NE/4 SW/4 Section 1,  
T. 24 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

Attention Mr. Cleon B. Feight, Director

Gentlemen:

Please find two copies of subject well location plat which indicates the same footage descriptions as those given on our application for permit to drill filed July 31, 1969.

Very truly yours,

F. A. MacDougall  
Division Production Manager  
San Joaquin Division

Enclosures

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

August 7, 1969

Shell Oil Company  
1600 Norris Road  
Bakersfield, California

Attention: F. A. MacDougall

Gentlemen:

The survey plat and all preliminary forms have now been received in connection with the drilling of Shell-Quintana Federal 1-1, NE $\frac{1}{4}$ SW $\frac{1}{4}$  sec. 1, T. 24 S., R. 17 E., Grand County, Utah, on lease Utah 1917. The permit for this well was approved on August 5, 1969; however, we inadvertently left out our conditions of approval providing for protection of potash that may be encountered in the well.

We have been advised by our geologists that this area may be underlain by bedded deposits of potash associated with marine evaporites in the Paradox formation. So in addition to the normal logs and reports as outlined in the conditions of approval, we would appreciate your recording and furnishing any pertinent data that you may obtain with regard to potash or saturated brines that may be encountered. Also, you must consider adequate protective measures of any valuable potash zones encountered at the time you consider setting casing across such zones and at the time of abandonment.

Please include this letter as a supplement to the approved permit for the above well. Your cooperation in these matters is appreciated and if you have any questions, please contact this office.

Sincerely yours,

Rodney A. Smith  
District Engineer

cc:  Utah Division of  
Oil and Gas Conservation

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN THIS DATE\*  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.  
**Quintana Production Ltd.**  
**81819**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

**N.A.**

7. UNIT AGREEMENT NAME

**N.A.**

8. FARM OR LEASE NAME

**Shell-Quintana Transaction**

9. WELL NO.

**Shell-Quintana Federal 1-1**

10. FIELD AND POOL, OR WILDCAT

**Wildcat**

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

**Section 1, T. 24 S.,  
R. 17 E., S.L.B. 64.**

12. COUNTY OR PARISH 13. STATE

**Grand**

**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 **1602' from the west line and 1566' from the south  
line of Section 1, T. 24 S., R. 17 E., S.L.B. 64.**

14. PERMIT NO.

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

**4465' GR.**

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

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON\*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT\*

(Other)

**Monthly Report of Operations X**

(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 August 1969: Operations not started.**

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

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

SIGNED

*R. J. Peterson*

TITLE

DATE

**SEP 4 1969**

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

John Jung - Shell

10/21/69

Quintana Roo 1-35

1814' ~~#~~

1603'

FWL

FSL

Sec 35

T 25 S

R 18 E

SW-NE-SW - Exception based  
on Geology.

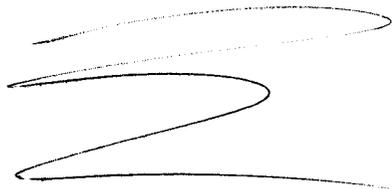


Have verbal approval to  
Commence location construction

Will render NID - with statement  
for exception to Rule C-30, based  
on Geology and own 660' (or contour)  
radius of O&S. lease.

PMB

Will move rig from Shell @ Fed. 1-20



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN THE DATE  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.  
**Quintana Production Ltd.  
U1917**

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.)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

**N.A.**

7. UNIT AGREEMENT NAME

**N.A.**

8. FARM OR LEASE NAME  
**Shell-Quintana Trans-  
action**

9. WELL NO.  
**Shell-Quintana Federal  
1-1**

10. FIELD AND POOL, OR WILDCAT

**Wildcat**

11. SEC., T., E., M., OR BLK. AND  
SUBVEY OR AREA

**Section 1, T. 24 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 **1602' from the west line and 1566' from the south  
line of Section 1, T. 24 S., R. 17 E., S.L.B. 6M.**

14. PERMIT NO.  
**API 43-019-30042**

15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
**Gr. 4465'**

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 September 1969:**

**Operations not started.**

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

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

SIGNED

*[Signature]*

TITLE

DATE

**OCT 23 1969**

(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  
GEOLOGICAL SURVEY

SUBMIT IN \_\_\_\_\_ CATE\*  
(Other inst. \_\_\_\_\_ on re-  
verse side)

Form approved.  
Budget Bureau No. 42-R1424.  
5. LEASE DESIGNATION AND SERIAL NO.  
**Quintana Production Ltd.  
01917**

**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, Bakersfield, California**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface **1602' from the west line and 1565' from the south line  
of Section 1, T. 24 S., R. 17 E., S.L.B. 6M.**

14. PERMIT NO.  
**API 43-019-30042**

15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
**GR 4445'**

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

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

8. FARM OR LEASE NAME  
**Shell-Quintana Transaction**

9. WELL NO.  
**Shell-Quintana Federal 1-1**

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

11. SEC., T., R., M., OR BLEK. AND SURVEY OR AREA  
**Section 1, T. 24 S.,  
R. 17 E., S.L.B. 6M.**

12. COUNTY OR PARISH  
**Grand**

13. STATE  
**Utah**

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

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

**Month of October 1969:**

Spudded well on 10-2-69. Drilled to 1475'. On 10-6-69, ran DIL and GR-BHC from surface to 1475'. Ran and cemented 9-5/8", 360, J-55, ST&C surface casing at 1475' with 300 sacks of Class D cement. Drilled to 3973'. On 10-13-69, cut Core #1 from 3973-4003', recovered 29.2'. On 10-16-69, ran DST #1 from 3955-4003'. Recovered 0.3 bbls. mud, no hydrocarbons. Drilled to 5213'. On 10-23-69, ran Schlumberger DIL, FDC, SNF, and BHC sonic logs from 1475-5213'. Shot 22 SWS, recovered 19. Depth at mouth's end 7094'.

Note: We request this information be treated as confidential.

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

SIGNED

TITLE

**Division Production Manager**

DATE

NOV 5 1969

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

11/ 10/6

299-4591 - P.I.  
524 - 5646 - Honey, Mo Conn

Shell Oil Co. - John Jung  
Quantona 1-1 (Sec 1 T24S R17E)  
1st one

Parkersfield, Calif - AC 805-399,5541

T. D. 9140 (10 1/2 W mud) more  
Running logs. - ~~no~~ No DST planned

← 3955-4003 DST = weak blow (2hr) dead 7min (2hr)  
recovered, 3 Blk mud.

3973-4003 covered low pressure

↳ 30' loni (no shows)

Special  
top: - 8825 - Area ① (Play 200' min  
8650 to 8850)

Salt - 5215 ② (5050 - 5250)

(Remond) → Perm - 3684 (Humber Trail) (3500-3700) ③

Perm (White Perm) 2326 = 2200-2400 ④

before Corvii @ 1475/500ish to surface

⑤ 200' in & out at base.

Morajo @ 165' (+ Chenlee) behind surface  
Wiggo behind surface 1173 pref.

⑥ 1044/works (20ft.)

No Pentosh ↔ No. hydrocarbon shows

U.S.G.S. (Lilla) said Frank not in  
told John Jung to contact me

\* Remond P & A

see 30 295 12E

John Delestski (Casper, Wyo) → tried to call me but.

AOK  
JMB

only  
interesting  
zone  
in  
hole

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

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

Form approved.  
Budget Bureau No. 42-R1424.

**Quintana Production Ltd.**  
01917

**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 type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> <b>Exploratory</b></p> <p>2. NAME OF OPERATOR <b>Shell Oil Company</b></p> <p>3. ADDRESS OF OPERATOR <b>P. O. Box 999,akersfield, California</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>1602' from the west line and 1566' from the south line of Section 1, T. 24 S., R. 17 E., S.L.B. 4M.</b></p> <p>14. PERMIT NO. <b>A.F.I. 43-019-30042</b></p>	<p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME <b>N.A.</b></p> <p>7. UNIT AGREEMENT NAME <b>N.A.</b></p> <p>8. FARM OR LEASE NAME <b>Shell-Quintana Transaction</b></p> <p>9. <b>Shell-Quintana Federal 1-1</b></p> <p>10. FIELD AND POOL, OR WILDCAT <b>Wildcat</b></p> <p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>Section 1, T. 24 S., R. 17 E., S.L.B. 4M.</b></p> <p>12. COUNTY OR PARISH <b>Grand</b></p> <p>13. STATE <b>Utah</b></p>
<p>15. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>GR. 4465'</b></p>	

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

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

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

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

**Run open-ended drill pipe and place cement plugs as follows:**

No.	Interval	Minimum Plug Length
1	8650-8850'	200'
2	5050-5250'	200'
3	3500-3700'	200'
4	2200-2400'	200'
5	1375-1575'	200'
6	Surface-20'	20'

**Mud in hole: 10.6 ppg**

**Install well marker and clear location.**

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

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

SIGNED

*J.A.M. [Signature]*

TITLE

**Division Production Manager**

DATE

**NOV 19 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 TRIPLICATE\*  
(Other instructions on 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.)

5. LEASE DESIGNATION AND SERIAL NO.  
**Quintana Prod. Ltd. 01917**

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

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

8. FARM OR LEASE NAME  
**Shell-Quintana Transaction**

9. WELL NO.  
**Shell-Quintana Federal 1-1**

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

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
**Section 1, T. 24 S., R. 17 E., S.L.B.M.**

12. COUNTY OR PARISH  
**Grand**

13. STATE  
**Utah**

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

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

3. ADDRESS OF OPERATOR  
**P. O. Box 979, Berkeleyfield, Calif.**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\* See also space 17 below.)  
At surface  
**1402' from the west line and 1366' from the south line of Section 1, T. 24 S., R. 17 E., S.L.B.M.**

14. PERMIT NO.  
**A.P.I. 43-019-30042**

15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
**Gr. 4465'**

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"/>	

(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 11-11-69 ran open-ended drill pipe and placed cement plugs as follows:

Plug No.	Interval	Depth of Cement
1	3600-3670'	85
2	3684-3748'	85
3	3440-3493'	85
4	2156-2400'	85
5	1300-1502'	110

On 11-12-69 placed Plug #6 from surface to 20'. Installed surface marker and released rig. Well officially abandoned 11:59 P.M. 11-12-69.

Note: We request this information be treated as confidential.

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

SIGNED J.P. MacDonnell TITLE Div. Prod. Manager DATE NOV 19 1969

(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  
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.  
**Quintana Production Ltd.  
U1917**

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

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

8. FARM OR LEASE NAME  
**Shell-Quintana Transaction**

9. WELL NO.  
**Shell-Quintana Federal 1-1**

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

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
**Section 1, T. 24 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 **Exploratory**

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  
**P. O. Box 999, Bakersfield, California**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface **1602' from the west line and 1566' from the south line of Section 1, T. 24 S., R. 17 E., S.L.B. 6M.**  
At top prod. interval reported below  
At total depth

14. PERMIT NO. **API** DATE ISSUED  
**43-019-30042** **8-4-69**

15. DATE SPUNDED **10-2-69** 16. DATE T.D. REACHED **11-10-69** 17. DATE COMPL. (Ready to prod.) **Abandoned** 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* **GR. 4465', K.B. 4479'** 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD **9140'** 21. PLUG, BACK T.D., MD & TVD **Surface** 22. IF MULTIPLE COMPL., HOW MANY\* **None** 23. INTERVALS DRILLED BY **0-9140'** 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 **DIL, GR-BHC Sonic, FDC, SNT, GR-LLS, dipmeter** 27. WAS WELL CORED **Yes**

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
<b>20"</b>	<b>--</b>	<b>11'</b>	<b>26"</b>		
<b>9-5/8"</b>	<b>36#</b>	<b>1475'</b>	<b>12-1/4"</b>	<b>500 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)
<b>None</b>					<b>None</b>		

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
None	None	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) WELL STATUS (Producing or shut-in)

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 *R.L. Hottelwood* TITLE *DIV Exploratory Supv* DATE *11/21/69*

\*(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.

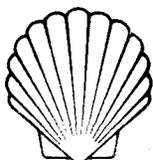
**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state 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.)

NOV 25 1966

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	GEOLOGIC MARKERS
<b>DST #1</b>	<b>3955'</b>	<b>4003'</b>	<p><b>No fresh water cushion. Opened for five minutes - weak immediate blow, closed tool. Reopened for one hour with trace of blow, died in seven minutes. Recovered 0.3 barrels of mud, no hydrocarbons. B.H.P.'s: IHP - 1936 psi, FHP - 1438 psi, ISIP - 473 psi, IFF - 44 psi, WFP - 45 psi, FSIP - 84 psi.</b></p> <p style="text-align: right;"> <b>Core #1</b>  <b>Interval 3973-4003'</b>  <b>Recovered 29.2'</b> </p>		38.
					38.



# SHELL OIL COMPANY

POST OFFICE BOX 999  
BAKERSFIELD, CALIFORNIA 93302

NOV 21 1969

**Well Completion Report  
Shell Quintana Federal 1-1  
Grand County, Utah**

**U. S. Geological Survey  
Branch of Oil and Gas Operations  
8416 Federal Building  
Salt Lake City, Utah 84111**

**Attention Mr. F. A. Salwerowicz**

**Gentlemen:**

Attached in duplicate is the Well Completion Report (Form 9-330) for the captioned well. As stated previously, when transmitting completion reports for earlier wells, we are postponing filing of the logs pending release of same by our Exploration Department.

**Very truly yours,**

Original Signed By  
R. L. SPOTTSWOOD

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

**Attachments**

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

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 Shell Quintana Federal 1-1  
Operator Shell Oil Company Address P. O. Box 999 Phone 399-5541  
Bakersfield, Calif.  
Contractor Brinkerhoff Drilling Co. Address 870 Denver Club Bldg. Phone --  
Denver, Colorado 80202  
Location SE  $\frac{1}{4}$  SW  $\frac{1}{4}$  Sec. 1 T. 24 N, R. 17 E, Grand County, Utah  
S W

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.	_____		
3.	_____		
4.	_____		
5.	_____		

(Continue on Reverse Side if Necessary)

Formation Tops:

Remarks:

- NOTE:
- (a) Upon diminishing supply of forms, please inform this office.
  - (b) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure, (See Back of Form).
  - (c) If a water analysis has been made of the above reported zone, please forward a copy along with this form.

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

SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.  
**Quintana Production Ltd.  
01917**

**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.)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

**N/A**

7. UNIT AGREEMENT NAME

**N/A**

8. FARM OR LEASE NAME

**Shell-Quintana Transaction**

9. WELL NO.

**Shell-Quintana Federal 1-1**

10. FIELD AND POOL, OR WILDCAT

**Wildcat**

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

**Sec. 1, T. 24 S.,  
R. 17 E., S.L.B. 4N.**

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

**P. O. Box 999, Bakersfield, California**

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

At surface **1602' from the west line and 1566' from the south line of Section 1, T. 24 S., R. 17 E., S.L.B. 4N.**

14. PERMIT NO.

**API 43-019-30042**

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

**GR. 4465'**

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 or 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 November 1969**

**Drilled from 7094 to 9140' (T.D.). On 11-9-69 ran Schlumberger GR-113, GR-SMF, GR-FBC, GR-MEC logs. Attempted to run dipmeter -- tool failed. Ran seismic check shots. On 11-11-69, ran seismic survey and Schlumberger 3-arm dipmeter. Ran open-ended drill pipe and placed cement plugs as follows:**

<u>Plug No.</u>	<u>Interval</u>	<u>Sacks of Cement</u>
1	8600-8830'	85
2	5004-5248'	85
3	3449-3693'	85
4	2156-2400'	85
5	1300-1582'	110 (checked top of plug)

**On 11-12-69 placed plug No. 6 from surface to 20'. Installed surface marker. Well officially abandoned 11:59 P.M., 11-12-69.**

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

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

SIGNED

*Rd. Galloway*

TITLE

**Div. Prod. Mgr.**

DATE

**DEC 8 1969**

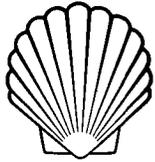
(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:



# SHELL OIL COMPANY

POST OFFICE BOX 999  
BAKERSFIELD, CALIFORNIA 93301

MAR 5 1970

Logs - Shell Quintana Federal 1-1  
Section 1, T. 24 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:

Enclosed are one copy each of the logs run on the referenced well: mud log, dual induction laterolog, laterolog, formation density log, and sidewall neutron porosity log.

We would appreciate your keeping these logs confidential for the seven-month period permitted by the Regulations.

Very truly yours,

*for* *R. L. Spottswood*

F. A. MacDougall  
Division Production Manager  
San Joaquin Division

Enclosures