

FILE NOTATIONS

Entered in NID File
Location Map Pinned
Card Indexed

Checked by Chief *AMB*
Approval Letter *6-16-69*
Disapproval Letter

COMPLETION DATA:

Date Well Completed *9-9-69*
OW..... WW..... TA.....
GW..... OS..... PA.....

Location Inspected
Bond released
State or Fee Land

LOGS FILED

Driller's Log *10-7-69*
Electric Logs (No.)
E..... I..... Dual I Lat..... GR-N..... Micro.....
BHC Sonic GR..... Lat..... Mi-L..... Sonic.....
CBLog..... CCLog..... Others.....

Sub Rpt of Abandonment

CDW 9-4-98

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

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK

b. TYPE OF WELL
 OIL WELL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
Austral Oil Company Incorporated

3. ADDRESS OF OPERATOR
2700 Humble Building, Houston, Texas 77002

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface 1150' from East line and 1400' from South line, Section 12, T-35-S, R-6-E, Garfield County, Utah.
 At proposed Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
18 miles Northeast of Escalante, Utah

16. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1150'

16. NO. OF ACRES IN LEASE 1280'

17. NO. OF ACRES ASSIGNED TO THIS WELL 160'

18. DISTANCE FROM PROPOSED* LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 4500'

19. PROPOSED DEPTH 1000'

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
Not Available

22. APPROX. DATE WORK WILL START*
on approval

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
8-5/8"	7"	17	30'	3 yds.
4-3/4"	2-3/8"	4.7#	1000'	100 sacks

Drill 8-5/8" hole to approximately 30' and set 7" casing and cement full length. Drill 4-3/4" hole to 1000' with air. If hole cannot be drilled with air, water or a light gelled mud will be used. A conventional core will be taken in the Moenkopi formation. Evaluation of the well bore will be done by Electrical Surveys and drill stem testing. If testing indicates productive well, 2-3/8" casing will be set and cemented to surface.

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 [Signature] TITLE Drilling Prod. Superintendent DATE June 11, 1969

(This space ~~Copeland~~ State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

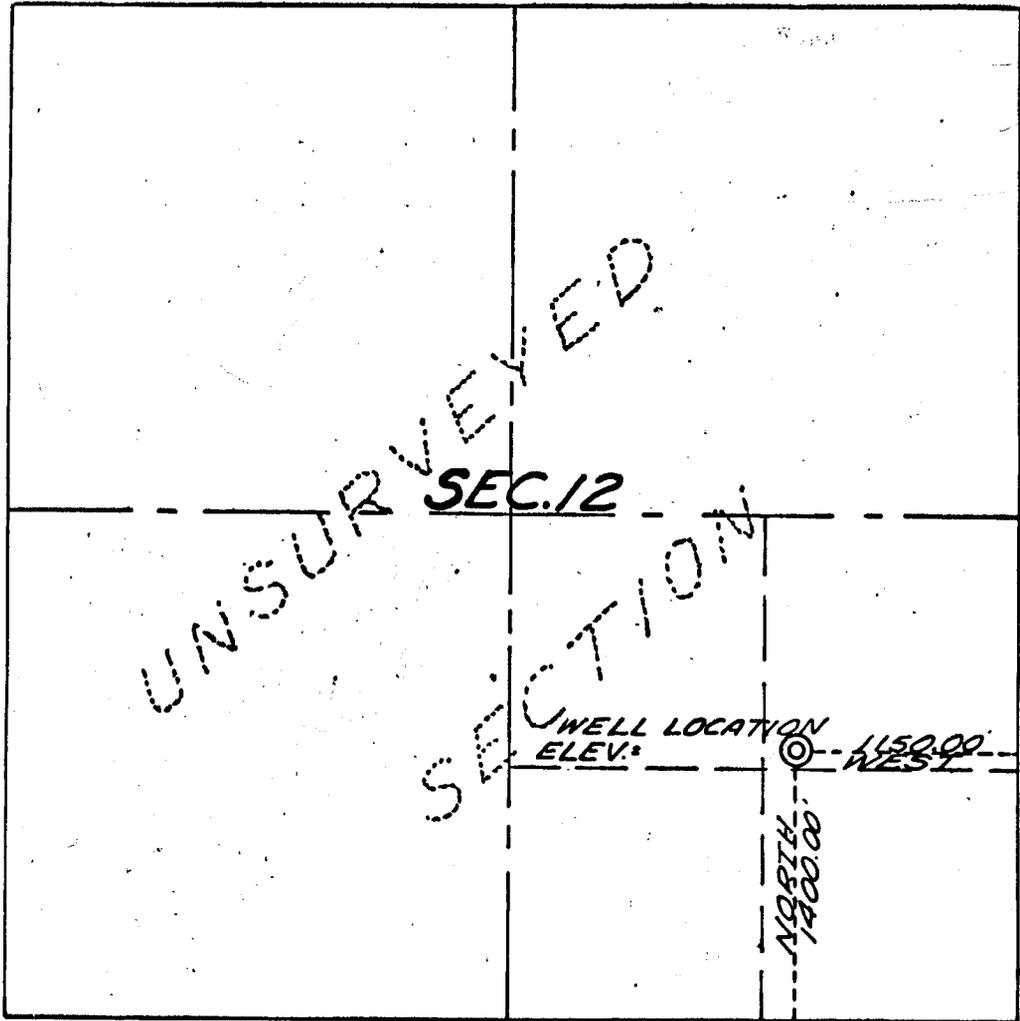
CONDITIONS OF APPROVAL, IF ANY:

5. LEASE DESIGNATION AND SERIAL NO. USA U-2403
 6. IF INDIAN ALLOTTEE OR TRIBE NAME
 7. UNIT AGREEMENT NAME
 8. NAME OR LEASE NAME
 9. WELL NO. Federal
 10. FIELD AND POOL, OR FIELD CAT. 1-12
 11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA Wildcat
 12. COUNTY OR PARISH Garfield Utah
 13. STATE Sec. 12, T-35-S, R-6-E, SLC
 14. COUNTY OR PARISH
 15. STATE
 16. NO. OF ACRES IN LEASE
 17. NO. OF ACRES ASSIGNED TO THIS WELL
 18. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.
 19. PROPOSED DEPTH
 20. ROTARY OR CABLE TOOLS
 21. ELEVATIONS
 22. APPROX. DATE WORK WILL START*
 23. PROPOSED CASING AND CEMENTING PROGRAM
 24. SIGNED
 TITLE
 DATE
 PERMIT NO.
 APPROVAL DATE
 APPROVED BY
 TITLE
 DATE
 CONDITIONS OF APPROVAL, IF ANY:

T.35S., R. 6E. OF THE S. L. M.

Topographic map

Section 12



WELL LOCATION

FEDERAL NO. 1-12

**AUSTRAL OIL COMPANY
HOUSTON TEXAS**

SITUATED IN

SW NE 1/4 SE 1/4, SECTION 12

T 35 S., R. 6 W. OF THE S. L. M.

GARFIELD COUNTY UTAH

SCALE 1 INCH = 1000 FEET

REF. POINT NORTH-150.0 FEET ELEV:

REF POINT NORTH-300.0 FEET ELEV:

THIS IS TO CERTIFY THAT THE WELL LOCATION SHOWN ON THIS PLAT WAS PLOTTED 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.

DATE SURVEYED:
JUNE 10, 1969

SCARROW & WALKER INC.
REGISTERED LAND SURVEYORS
GLENWOOD SPRINGS, COLORADO

BY TOM WALKER
CERTIFICATE NO. 1548

OIL AND GAS CONSERVATION COMMISSION

DESIGNATION OF AGENT

The undersigned is, on record, the holder of oil and gas lease

LEASE NAME: Federal

LEASE NUMBER: U.S.A. 7400 - 7401 - 7402 - 7403 - 7404.
Also State Lease Nos. ML 25974 and ML 25975

and hereby designates

NAME: C. R. Geffs

ADDRESS: 2700 Humble Bldg., Houston, Texas 77002

as his (~~agent-operator~~), with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the Oil and Gas Supervisor or his representative may serve written or oral instructions in securing compliance with the Rules and Regulations and Rules of Practice and Procedure of the Oil and Gas Conservation Commission of the State of Utah with respect to (describe acreage to which this designation is applicable):

Located in: T-35-S, R-6-E SLC
Sections 2,3,10,11,12,13,14,15,16,17,20,21,22,27,28 and N/2 of 33.
Containing 9,920 acres, more or less.

It is understood that this designation of (~~agent-operator~~) does not relieve the lessee of responsibility for compliance with the terms of the lease and the Rules and Regulations and Rules of Practice and Procedure of the Oil and Gas Conservation Commission of the State of Utah. It is also understood that this designation of operator or agent does not constitute an assignment of any interest in the lease.

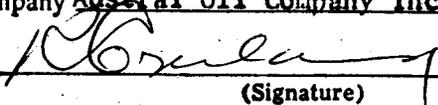
In case of default on the part of the designated (~~agent-operator~~), the lessee will make full and prompt compliance with all regulations, lease terms or orders of the Oil and Gas Conservation Commission of the State of Utah or its authorized representative.

The lessee agrees promptly to notify the Oil and Gas Supervisor of any change in this designation.

Effective Date of Designation June 11, 1969

Company Austral Oil Company Incorporated

Address 2700 Humble Bldg., Houston, Texas 77002

By 
(Signature)

Title Asst. Drilling and Production Supt.

R. Copeland, V.P.
Drilling & Production Supt.

AUSTRAL OIL COMPANY

INCORPORATED

2700 HUMBLE BUILDING

TRAVIS AT BELL

HOUSTON, TEXAS 77002

CA 8-9461

LONG DISTANCE
713-228-9461

NEW YORK OFFICE
280 PARK AVENUE
NEW YORK, N. Y. 10017
TEL: 212-986-9360

June 11, 1969

United States Department of Interior
Geological Survey
8416 Federal Bldg.
125 South State Street
Salt Lake City, Utah 84111

Attention: Mr. Frank Salwerowicz

State of Utah ✓
Oil & Gas Conservation Commission
348 South Temple
Suite 301
Salt Lake City, Utah 84111

Re: Federal Well #1-12
Federal Well #2-13
Wildcat
Garfield County, Utah
DB 69-24

Gentlemen:

Enclosed is an original and two copies of form 9-331C Application for Permit to Drill our Federal Well #1-12 and Federal Well #2-13 to be located in Garfield County, Utah. Also enclosed is an original and one copy of designation of agent for the drilling of these wells. The certified engineers location plats will be mailed direct to your offices from Scarrow and Walker of Glenwood Springs, Colorado.

It is respectfully requested that Austral be permitted to waive state drilling bond requirements since this well will be drilled under Austral Oil Company's Nationwide Oil & Gas lease bond #1240252 written by Travelers with an expiration date of July 14th, 1971. By copy of this letter I am requesting that Harlan Insurance Agency mail a copy of our insurance certificate indicating this coverage directly to you.

It is also requested that an exemption to Utah Oil & Gas Conservation Rule C-3 subparagraph (C) (1) and Federal Regulation #221.20 be granted necessitating an unorthodox location due to topographical conditions which moves the well less than 500' from a quarter quarter section.

Please wire approval collect to the attention of our Mr. C. R. Geffs,
Assistant Drilling & Production Superintendent.

Yours very truly,



D. D. Delaney
Chief Production Clerk

DDD:gn
Enclosures

CC: Scarrow & Walker
Glenwood Springs, Colorado
Attention: Mr. Bob Scarrow

Harlan Insurance Agency
500 Jefferson Bldg.
Suite 623
Houston, Texas 77002
Attention: Mr. Tom Soriero

1111

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

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK

b. TYPE OF WELL
 OIL WELL GAS WELL OTHER
 SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
Austral Oil Company Incorporated

3. ADDRESS OF OPERATOR
2700 Humble Building, Houston, Texas 77002

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
 At surface **1150' from East line and 1400' from South line, Section 12, T-35-S, R-6-E, Garfield County, Utah.**
 At proposed location **Same**
SW NE SE

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
18 miles Northeast of Escalante, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit line, if any) **1150'**

16. NO. OF ACRES IN LEASE **1280'**

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. **4500'**

19. PROPOSED DEPTH **1000'**

17. NO. OF ACRES ASSIGNED TO THIS WELL **160**
 20. ROUGH DIRECTION OF WELL **Roadway**

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
Not Available

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH
8-5/8	7"	17	30'
4-3/4"	2-3/8"	4.7#	1000'
			16-100'

22. APPROX. DATE WORK WILL START*
on approval
 QUANTITY OF CEMENT **100 sacks**

Drill 8-5/8" hole to approximately 30' and set 7" casing and cement to full length. Drill 4-3/4" hole to 1000' with air. If hole cannot be drilled with air, water or gelled mud will be used. A conventional core will be taken in the hole. Evaluation of the well bore will be done by Electrical Surveys and drill stem testing. If testing indicates productive well, 2-3/8" casing will be set and cemented to surface.

43-017-30016

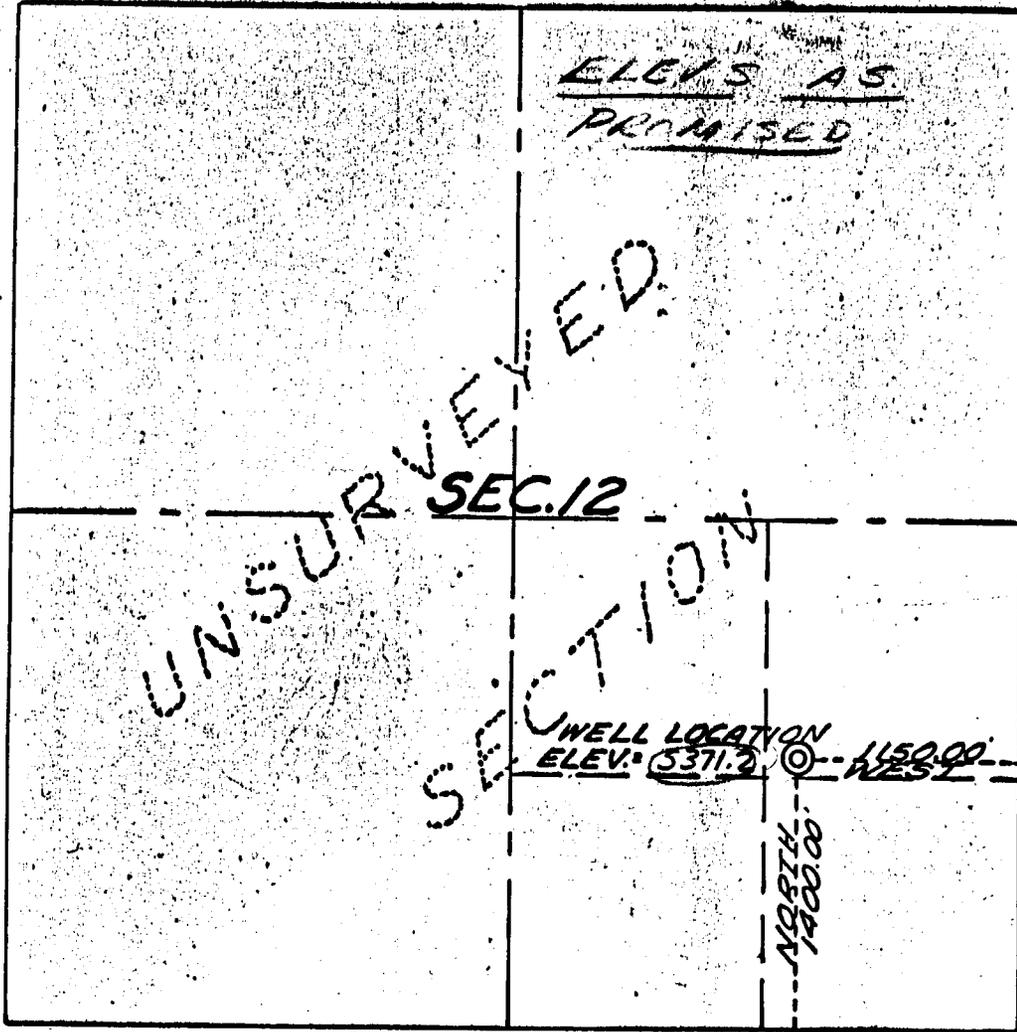
IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED *R. Copeland* TITLE **Drilling Prod. Superintendent** **1969**
 (This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____
 CONDITIONS OF APPROVAL, IF ANY:

T.35S., R. 6E. OF THE S.L.M.



WELL LOCATION

FEDERAL NO. 1-12

AUSTRAL OIL COMPANY
HOUSTON TEXAS

SITUATED IN ~~CLARK &~~
NE 1/4 SE 1/4, SECTION 12 ~~FOUND~~ ~~WRONG~~

T.35S., R. 6E. OF THE S. L. M.

GARFIELD COUNTY UTAH

SCALE 1 INCH = 1000 FEET

REF. POINT NORTH-150.0 FEET ELEV. 5371.5

REF. POINT NORTH-300.0 FEET ELEV. 5383.2

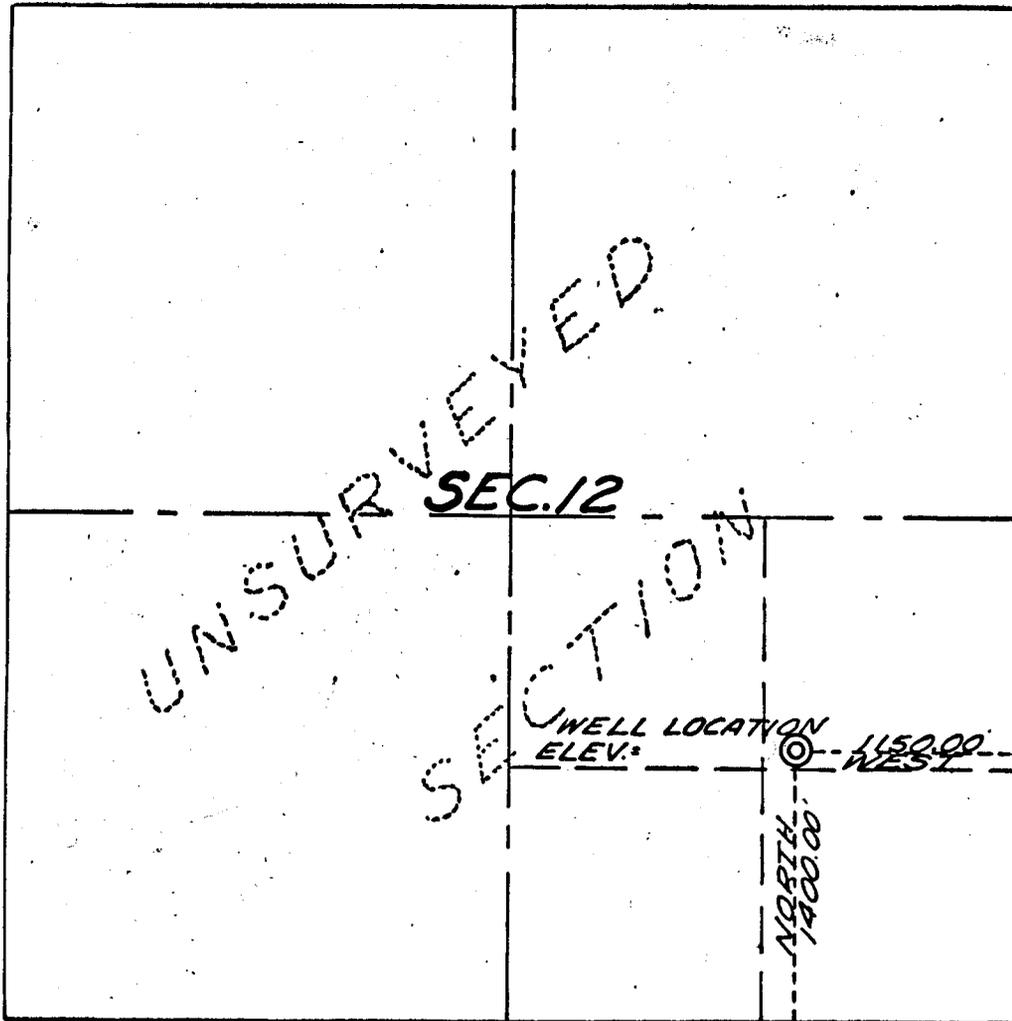
THIS IS TO CERTIFY THAT THE WELL LOCATION SHOWN ON THIS PLAT WAS PLOTTED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

DATE SURVEYED:
JUNE 10, 1969

SCARROW & WALKER INC.
REGISTERED LAND SURVEYORS
GLENWOOD SPRINGS, COLORADO

BY TOM WALKER
CERTIFICATE NO. 1548

T.35S.,R.6E. OF THE S.L.M.



WELL LOCATION

FEDERAL NO. 1-12

**AUSTRAL OIL COMPANY
HOUSTON TEXAS**

SITUATED IN
NE 1/4 SE 1/4, SECTION 12

T.35S., R.6W. OF THE S. L. M.

GARFIELD COUNTY UTAH

SCALE 1 INCH = 1000 FEET

REF. POINT NORTH-150.0 FEET ELEV.:

REF. POINT NORTH-300.0 FEET ELEV.:

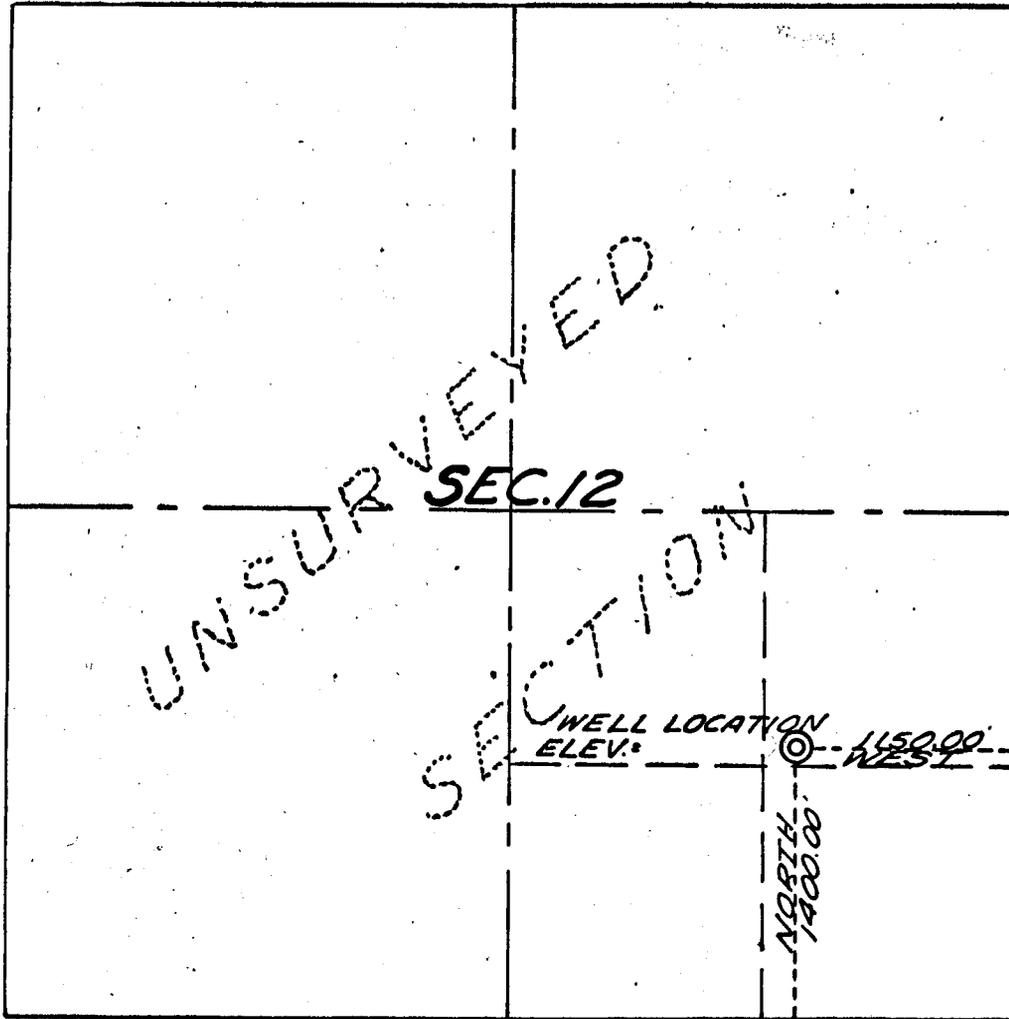
THIS IS TO CERTIFY THAT
THE WELL LOCATION SHOWN
ON THIS PLAT WAS PLOTTED
FROM FIELD NOTES OF
ACTUAL SURVEYS MADE BY
ME OR UNDER MY SUPER-
VISION AND THAT THE SAME
ARE TRUE AND CORRECT
TO THE BEST OF MY KNOW-
LEDGE AND BELIEF.

DATE SURVEYED:
JUNE 10, 1969

SCARROW & WALKER INC.
REGISTERED LAND SURVEYORS
GLENWOOD SPRINGS, COLORADO

BY TOM WALKER
CERTIFICATE NO. 1548

T.35S.,R.6E. OF THE S.L.M.



WELL LOCATION

FEDERAL NO. 1-12

**AUSTRAL OIL COMPANY
HOUSTON TEXAS**

SITUATED IN
NE 1/4 SE 1/4, SECTION 12

T.35S., R.6W. OF THE S. L. M.

GARFIELD COUNTY UTAH

SCALE 1 INCH = 1000 FEET

REF. POINT NORTH-150.0 FEET ELEV:

REF POINT NORTH-300.0 FEET ELEV:

THIS IS TO CERTIFY THAT
THE WELL LOCATION SHOWN
ON THIS PLAT WAS PLOTTED
FROM FIELD NOTES OF
ACTUAL SURVEYS MADE BY
ME OR UNDER MY SUPER-
VISION AND THAT THE SAME
ARE TRUE AND CORRECT
TO THE BEST OF MY KNOW-
LEDGE AND BELIEF.

DATE SURVEYED:
JUNE 10, 1969

SCARROW & WALKER INC.
REGISTERED LAND SURVEYORS
GLENWOOD SPRINGS, COLORADO

BY TOM WALKER
CERTIFICATE NO. 1548

Scarrow and Walker, Inc.

Reg. Land Surveyors and Engineers
Box 460
Glenwood Springs, Colo. 81601

ROBERT D. SCARROW L.S. PRES. & MGR.
TOM WALKER L.S.
ROBERT A. WAMSLEY L.S.
JEAN COLE L.S.
ROBERT L. LONGFELLOW P.E.

ELECTROTAPE
CLARY COMPUTER
WILD THEODOLITE
ZEISS LEVEL
INSTRUMENT RENTALS

June 12, 1969

Elevations for well locations and reference points are being surveyed and will be furnished to you as soon as possible.

SCARROW AND WALKER, INC.

Copies sent to:

U. S. Geological Survey
Room 8416 - Federal Building
Salt Lake City, Utah 84111
c/o Mr. Frank Salwerowicz

State of Utah
Oil and Gas Conservation Service
1588 West North Temple
Salt Lake City, Utah 84111

Bureau of Land Management Office
Kanab, Utah 84741
Attn: Mr. Fred Howard

Austral Oil Company
2700 Humble Building
Houston, Texas 77002
Attn: Mr. Buddy Jeffs

THE TRAVELERS

THE TRAVELERS INSURANCE COMPANY · THE TRAVELERS INDEMNITY COMPANY



HOUSTON OFFICE
2800 Main Street
HOUSTON, TEXAS 77002
Telephone: JACKSON 6-1911

June 13, 1969

State of Utah
Oil and Gas Conservation Commission
348 South Temple, Suite 33301
Salt Lake City, Utah 84111

Re: Nationwide Oil and Gas
Bond No. 1240252
Austral Oil Company Incorporated, et al
Federal Well No. 1-12
Federal Well No. 2-13
Wildcat Garfield County, Utah
DB 69-24

Gentlemen:

We enclose a certified copy of \$50,000 Nationwide Oil and Gas Bond in behalf of Austral Oil Company Incorporated, et al. We trust this will suffice for your purposes.

Yours very truly,

THE TRAVELERS INDEMNITY COMPANY

M. G. Hutson, Surety Assistant

mgh

Enclosure

cc: Harlan Insurance
P. O. Box 13101
Houston, Texas 77019

AUSTRAL OIL COMPANY

INCORPORATED

2700 HUMBLE BUILDING

TRAVIS AT BELL

HOUSTON, TEXAS 77002

CA 8-9461

NEW YORK OFFICE
280 PARK AVENUE
NEW YORK, N. Y. 10017
TEL: 212-986-9360

LONG DISTANCE
713-228-9461

June 16, 1969

United States Department of Interior
Geological Survey
8416 Federal Bldg.
125 South State Street
Salt Lake City, Utah 84111

Attention: Mr. Frank Salwerowitz

State of Utah
Oil & Gas Conservation Commission
348 South Temple
Suite 310
Salt Lake City, Utah 84111

Re: Amended Location
Federal Well #1-12
Federal Well #2-13
Wildcat
Garfield County, Utah
DB 69-24

Gentlemen:

This is to acknowledge our telephone conversation of June 16, 1969 which Austral Oil Company Incorporated was given verbal permission to drill the captioned well. ✓

Enclosed is an original and two (2) copies of Form 9-331C, Application for Permit to Drill the two (2) subject wells, Form 9-331C reflects all of the necessary changes that we discussed.

If there is any additional requirements, please advise.

Yours very truly,

E. E. Davis

E. E. Davis
Staff Engineer

EED:jes

Enclosure

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK

b. TYPE OF WELL
 OIL WELL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
 Austral Oil Company Incorporated

3. ADDRESS OF OPERATOR
 2700 Humble Building, Houston, Texas 77002

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface 1150' from East line and 1400' from South line, Section 12, T-35-S, R-6-E, Garfield County, Utah.
 At proposed prod. zone Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 18 miles Northeast of Escalante, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1150'

16. NO. OF ACRES IN LEASE 1280'

17. NO. OF ACRES ASSIGNED TO THIS WELL 160

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 4300'

19. PROPOSED DEPTH 1000'

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) GR 5371.2'

22. APPROX. DATE WORK WILL START* on approval

5. LEASE DESIGNATION AND SERIAL NO.
 USA U-7403

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.
 1-12

10. FIELD AND POOL, OR WILDCAT
 Wildcat

11. SEC., T., E., M., OR BLK. AND SURVEY OR AREA
 Sec. 12, T-35-S, R-6-E, S1C

12. COUNTY OR PARISH
 Garfield

13. STATE
 Utah

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE.	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
8-5/8"	7"	17	90' (3 jts.)	20 sks.
4-3/4"	2-3/8"	4.7#	1000'	100 sks.

1-6" Series 900 QRC

Drill 8-5/8" hole to approximately 90' and set 7" casing and cement full length. Drill 4-3/4" hole to 1000' with air. If hole cannot be drilled with air, water or a light gelled mud will be used. A conventional core will be taken in the Moenkopi Formation. Evaluation of the well bore will be done by Electrical Surveys and drill stem testing. If testing indicates productive well, 2-3/8" casing will be set and cemented to surface.

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. SIGNER [Signature] TITLE Drilling & Prod. Superintendent DATE June 16, 1969

P. Cleveland
 (This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

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

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK

b. TYPE OF WELL
 OIL WELL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE

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20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) GR 5371.2'

22. APPROX. DATE WORK WILL START* on approval

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 USA U-7403

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.
 1-12

10. FIELD AND POOL, OR WILDCAT
 Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Sec. 12, T-35-S, R-6-E, S1C

12. COUNTY OR PARISH 13. STATE
 Garfield Utah

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
8-5/8"	7"	17	90' (3 its.)	20 sks.
4-3/4"	2-3/8"	4.7#	1000'	100 sks.

1-6" Series 900 QRC

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24. SIGNED R. Cleveland TITLE Drilling & Prod. Superintendent DATE June 16, 1969

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

JH

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

June 16, 1969

Austral Oil Company
2700 Humble Building
Travis at Bell
Houston, Texas 77002

Attention: Roy Copeland

Gentlemen:

As discussed with Ed Davis of your office on this date, I have given verbal approval of the drilling of your two wells, well 1-12, SE $\frac{1}{4}$ sec. 12, and well 2-13, NW $\frac{1}{4}$ sec. 13, both in T. 35 S., R. 6 E., Garfield County, Utah, on lease Utah 7403. My approval is subject to certain conditions and your furnishing additional information as follows:

1. Since both wells are closer than 200' to the nearest subdivision (see 30 CFR 221.20, copy enclosed), you are requested to furnish a stipulation for each well in triplicate stating that you will not separate the adjacent 40-acre subdivisions by assignment so long as the well is in existence. Copies of the stipulation form are enclosed.
2. Submit revised permits showing revised locations as necessary, additional surface pipe and blowout preventor program. A minimum of two 30' joints of surface pipe cemented to surface and adequate blowout prevention equipment are required.

I also discussed the necessity of determining whether the hydrocarbons encountered are in liquid form as opposed to solid or semi-solid before we can approve any heat treatment or other artificial stimulation for recovery under the oil and gas lease. In this regard, it is requested that we be notified in advance of coring operations so that one of our engineers can be present when the core is pulled. I am enclosing cards with office and home phone numbers for my assistant and myself.

If you have any questions regarding any of the above, please contact this office.

Sincerely yours,

(ORIG. SGD.) R. A. SMITH

Rodney A. Smith,
District Engineer

Attachments

cc: State O&G CC ✓

June 16, 1969

Austral Oil Company Incorporated
2700 Humble Building
Houston, Texas 77002

Re: Well No's. Federal #1-12 & #2-13
Sec's. 12 & 13, T. 35 S, R. 6 E,
Garfield County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above mentioned wells on said unorthodox locations is hereby granted in accordance with Rule C-3(c).

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

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

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.

Austral Oil Company Incorporated
June 16, 1969
Page 2

The API numbers assigned to these wells are: Federal #1-12, 43-017-30016, Federal 2-13, 43-017-30017, (see Bulletin D-12 published by the American Petroleum Institute).

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

CLEON B. FEIGHT
DIRECTOR

CBF:sd
Enclosures

cc: U.S. Geological Survey
Rod Smith

~~372.33~~
~~120.00~~
~~252.33~~

~~686.88~~
~~252.33~~
~~434.55~~

Buddy Jeff - Austral T-35S R6E
Fed 1-12 - Hayfield C.

T.D. - 906'
USGS =

Moenkopi - \approx 690' Cored

Some dolomite
good ~~at~~ stem
No ϕ

80
30
10
120

- ① 15 st on top of Moenkopi \rightarrow lost circulation
- ② 15 st @ base of soapuffs \approx 750
little water *
- ③ 5 T&P / water above - had to stop air drilling

④ asked = 15 st "above"
L.C. \approx 750

[Signature]

2-13 Well might drill to 2000'
 \downarrow

gave renewal
approve

PLUGGING PROGRAM FORM

Name of Company: Austral Oil Well Name: Fed. #1-12
Verbal Approval Given To: Frank Sec. 12 T. 363 R. 6E County: Greffield

Verbal Approval Was Given To Plug the Above Mentioned Well In The Following Manner:

T.D. 906'

7" at 95' Cemented to surface
Top of Monkopi 695' (tight, slight
staining & very little porosity.)

* -> Encountered very little water & no
oil or gas show.

15 sacks on top of Monkopi
15 sacks at base of surface
Casing

or 3 sacks on top with marker.

Date Verbally Approved: 9/8/69

Signed: Schmitt

WM. M. BRODRICK
Geological Engineer
1022 MIDLAND SAVINGS BUILDING
DENVER, COLORADO 80202
534-3951

September 24, 1969

Austral Oil Company
2700 Humble Building
Houston, Texas 77002

Re: Geological Report

Austral Oil Company
Federal (6924) #1-12
NE SE Sec. 12 - T.35S - R.6E
Garfield County, Utah

Gentlemen:

The subject well was spudded on August 28, 1969 and was completed as a dry hole on September 8, 1969. I was present and on location for the examination and evaluation of samples from the surface to 860' T.D. The well was drilled with air and mist to 799' at which point circulation was lost. It was then drilled dry or with partial circulation to 860'. Mud and water was added in an attempt to regain circulation, but this was unsuccessful and the well was abandoned in the Kaibab formation.

The following formation tops were encountered:

Elevation	5371 Gr., 5376 K.B.
Chinle	15 (+5361)
Shinarump	208 (+5168)
Moenkopi	
Red Beds	260 (+5116)
Sandstone	566 (+4810)
Asphaltic Dolo.	655 (+4721)
Kaibab	784 (+4592)
Total Depth	860

The above tops are corrected to Dresser Atlas log measurements.

The Federal #1-12 was drilled on a postulated stratigraphic trap, located on the southwest flank of the Circle Cliffs Anticline. The primary objective was the Moenkopi sandstone which, at the outcrop, a little over a mile to the east and updip, is impregnated with asphalt. (U.S.G.S. Bulletin #1229). This could conceivably form a permeability barrier.

September 24, 1969

This formation was encountered in the Federal #1-12 from 655' to 780'. The rock was a light gray-green crystalline, tight dolomite, with spotted to streaked asphaltic stain and residue. It appeared non-liquid and dead.

The following zones of porosity and/or shows of oil were observed in the Shinarump formation:

208' - 220' Sandstone, white, medium-grained, angular to sub-rounded. Poorly sorted. Samples mostly free sand grains. Clusters are calcareous and tight. No staining, no fluorescence, no cut. No fluid entry in hole while drilling. Sandstone becomes shaley from 220' to 260'.

The following zones of porosity and/or shows of oil were observed in the Moenkopi:

566' - 590' Sandstone, white, yellow and gray, fine to medium-grained. Poorly sorted, angular to sub-rounded. No shows. Appears tight. No fluid entry in hole while drilling.

655' - 760' Dolomite, gray-green finely to medium crystalline. Occasionally slightly sandy. Appears very tight. Poor to fair, spotted to streaked asphaltic staining throughout. Poor spotted fluorescence. Fair to good cut. Occasional slight odor. (See attached core analysis.) No fluid entry while drilling hole.

The following zones of porosity and/or shows of oil were observed in the Kaibab formation.

784' - 799' Chert, white, opaque, tripolitic, slightly oolitic. No shows, and no fluid entry in hole while drilling.

Austral Oil Company
Houston, Texas

-3-

September 24, 1969

Due to the lack of any commercial oil or gas-producing zones as indicated by the core analysis and sample evaluation, and as there was no indication of oil or gas entry in the hole while drilling with air, it was recommended that the test be plugged and abandoned.

Very truly yours,



Wm. M. Brodrick
Geological Engineer

WMB:ar

Note: The attached core analysis by Core Laboratories, Inc. describes the core from 691' to 715' as a gray, calcareous sandstone. This is in error. The formation within this interval is a green-gray, finely to medium crystalline dolomite, occasionally slightly sandy.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TV
(Other instruc.
verse side)

ATE
re

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

USA U-7403

6. INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal

9. WELL NO.

1-12

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., E., OR B.L.K. AND
SUBV. OF AREA

Sec. 12, T-35-S, R-6-E
SEC

12. COUNTY OR PARISH 13. STATE

Garfield

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 **Wildcat**

2. NAME OF OPERATOR
Austral Oil Company Incorporated

3. ADDRESS OF OPERATOR
2700 Humble Building, Houston, Texas 77002

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.) **1150' from East line and 1400' from South line**
At surface
At top prod. interval
At total depth

14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.)
5371.2' 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.)*

Sept. 9, 1969

Spotted 30 sx. Class G cement + 10% Gel. + 3% CaCl + 15# sawdust per bbl, from 860'-513'

Spotted 30 sx Class G Cement + 10% Gel. + 3% CaCl + 15# sawdust per bbl, from 513'-166'.

Spotted 15 sx. class G from 147'-57'.

Spotted 5 sx. class G from 25'-0'.

Welded USGS Marker and plate on casing.

Rig released at 8:00 a.m. September 9, 1969

Verbal permission to plug received before plugs were set.

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

SIGNED

[Signature]

TITLE

Asst. Vics Pres., Drilling & Production Supt.

DATE

10-9-69

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

AUSTRAL OIL COMPANY
INCORPORATED

(713) 228-9461
cable-AUSTROIL

2700 Humble Building Houston, Texas 77002

October 3, 1969

United States Department of Interior
Geological Survey
8416 Federal Building
125 South State Street
Salt Lake City, Utah 84111

Attention: Mr. Frank Salwerowic

State of Utah Oil and Gas Conservation
348 South Temple
Suite 310
Salt Lake City, Utah 84111

Re: Federal Well #1-12
Federal Well #2-13
Wildcats
Garfield County, Utah
DB 69-24

Gentlemen:

I am enclosing a copy of Forms 9-330 and Forms 9-331 for the plugging of our Federal Well #1-12 and Federal Well #2-13 both located in Garfield County, Utah.

If additional information is required, please advise.

Yours very truly,


D. D. Delaney
Chief Production Clerk

DDD:eac
Enclosure

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

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-2355.5.

5. LEASE DESIGNATION AND SERIAL NO.

USA 0-7403

6. IF INDIAN ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal

9. WELL NO.

1-12

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

**Sec. 12, T-35-S, R-6-E
S1C**

12. COUNTY OR PARISH

Garfield

13. STATE

Utah

14. PERMIT NO.

DATE ISSUED

6-16-69

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

Austral Oil Company Incorporated

3. ADDRESS OF OPERATOR

2700 Humble Building, Houston, Texas 77002

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

At surface **1150' from East line and 1400' from South line,
Section 12, T-35-S, R-6-E**

At top prod. interval reported below

At total depth **Same**

15. DATE SPUNDED

8-28-69

16. DATE T.D. REACHED

9-5-69

17. DATE COMPL. (Ready to prod.)

9-9-69 P.A.

18. ELEVATIONS (DE, REB, BT, GR, ETC.)*

5371.2' GR

19. ELEV. CASING HEAD

20. TOTAL DEPTH, MD & TVD

860' Driller & 827 ES

21. PLUG, BACK T.D., MD & TVD

827 ES

22. IF MULTIPLE COMPL., HOW MANY*

Dry

23. INTERVALS DRILLED BY

0-860'

ROTARY TOOLS

0-860'

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

25. WAS DIRECTIONAL SURVEY MADE

NO

26. TYPE ELECTRIC AND OTHER LOGS RUN

Induction Electrolog - Gamma Ray Neutron

27. WAS WELL COMED.

YES

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULPED
7"	23	97.75'	8-5/8"	45 sx com + 2% CaCl	None

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
None		

31. PERFORATION RECORD (Interval, size and number)

NONE

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33.* PRODUCTION

DATE FIRST PRODUCTION

Dry

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

Induction Electrolog - Gamma Ray Neutron

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

SIGNED

[Signature]

TITLE

**Asst. Vice Pres, Drilling
Prod. Supt.**

DATE

10-3-69

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

October 9, 1969

Austral Oil Company Incorporated
2700 Humble Building
Houston, Texas 77002

Re: Well No's. Federal #1-12,
Sec. 12, T. 35 S., R. 6 E.,
and Federal #2-13, Sec. 13,
T. 35 S., R. 6 E., Garfield
County, Utah.

Gentlemen:

This letter is to advise you that the electric and/or radioactivity logs and the Report of Water Encountered during Drilling for the above mentioned wells are due and have not been filed with this office as required by our rules and regulations.

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.

It would be appreciated if you would complete the enclosed forms and forward them to this office as soon as possible.

Thank you for your cooperation with regard to this request.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

ANNETTE R. HANSEN
SECRETARY

arh

Enclosures

January 12, 1970

Austral Oil Company
2700 Humble Building
Houston, Texas 77002

Re: Well No's. Austral Federal
#1-12 & 2-13,
Sec. 12 & 13, T. 35 S, R. 6 E,
Garfield County, Utah

Gentlemen:

This letter is to advise you that the electric and/or radioactivity logs for the above mentioned well are due and have not been filed with this office as required by our rules and regulations.

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 cooperation in this request.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

SHARON CAMERON
RECORDS CLERK

sc