

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-645-20443

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 ☐ Standard Oil Corporation ☒ MULTIPLE ZONE ☐

2. NAME OF OPERATOR  
Standard Oil Corporation  
into Atlantic Richfield Company  
effective March 4, 1969

3. ADDRESS OF OPERATOR  
501 Lincoln Tower Bldg., 1860 Lincoln St., Denver, Colo. 80203

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*)  
At surface  
Unit Letter "G" - 1500' f/North & 2100' f/East lines Sec. 22  
At proposed prod. zone  
Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
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15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)  
510' f/each  
16. NO. OF ACRES IN LEASE  
960 Ac.

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
2967+1' N & W 1/4  
2300'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
5925', GL, ungraded

5. LEASE DESIGNATION AND SERIAL NO.

37-078478

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Marron W. Federal

9. WELL NO.

7

10. FIELD AND POOL, OR WILDCAT

So. Blanco-Pictured Cliffs

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

Section 22-27N-8W

12. COUNTY OR PARISH

San Juan

13. STATE

New Mexico

17. NO. OF ACRES ASSIGNED TO THIS WELL

160 @ (NE 1/4 Sec. 22)

20. ROTARY OR CABLE TOOLS

Rotary

22. APPROX. DATE WORK WILL START\*

When appl. rec'd

23. PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE   | SIZE OF CASING         | WEIGHT PER FOOT | SETTING DEPTH      | QUANTITY OF CEMENT                 |
|----------------|------------------------|-----------------|--------------------|------------------------------------|
| <u>12-1/4"</u> | <u>8-5/8"</u>          | <u>24#</u>      | <u>200'</u>        | <u>150-200 sz (Ont btm to top)</u> |
| <u>7-7/8"</u>  | <u>4 1/2 or 5 1/2"</u> | <u>-</u>        | <u>Total depth</u> | <u>200 sz</u>                      |

It is proposed to drill well to depth sufficient to test the Pictured Cliffs formation, top of which is anticipated at 2100'. 8-5/8" OD casing to be set at approx 200' and cemented bottom to top; 7-7/8" hole drilled to T.D.; well logged; if productive, set 4 1/2 or 5 1/2" casing with sufficient cement to protect all zones; productive zone(s) will be perforated; treated; and well completed.

Certified location plat attached.

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FARMINGTON, N.M.



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

24. SIGNED M. E. Brown TITLE Chief Office Clerk DATE March 31, 1969  
H. E. Brown

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY 30 TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side

## Instructions

**General:** This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal 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.

**Item 1:** If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning such work proposals or reports on the well.

**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 14:** Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

**Items 15 and 18:** If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

**Item 22:** Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

Shelby Oil Corporation Merged  
into Atlantic Richfield Company  
March 4, 1969

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102  
Supersedes C-122  
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                     |                              |        |          |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|------------------------------|--------|----------|--|
| Operator                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                     | Lease                        |        | Well No. |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                     | Marron WN Federal            |        | 7        |  |
| Map Letter                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Section             | Township                     | Range  | County   |  |
| G                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 22                  | 27 North                     | 8 West | San Juan |  |
| Approximate Location of Well:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                     |                              |        |          |  |
| 1500 feet from the North line and                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                     | 2100 feet from the East line |        |          |  |
| Ground Level Elev:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Producing Formation | Pool                         |        | Acres    |  |
| 5925                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Shinarump           | South Shinarump              |        |          |  |
| <p>1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.</p> <p>2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty). <i>Shinarump is only owner</i></p> <p>3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners consolidated by communitization, unitization, force-pooling, etc?</p> <p><input type="checkbox"/> Yes <input type="checkbox"/> No If answer is "yes," type of consolidation _____</p> <p>If answer is "no," list the owners and tract descriptions which have actually been consolidated (on reverse side of this form if necessary.) _____</p> <p>No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.</p> |                     |                              |        |          |  |

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FARMINGTON, N. M.

CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

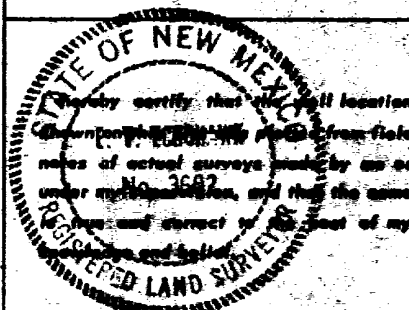
*M. E. Aspin*

Name *M. E. Aspin*

Position *Shelby Oil Corporation*

Company *March 21, 1969*

Date



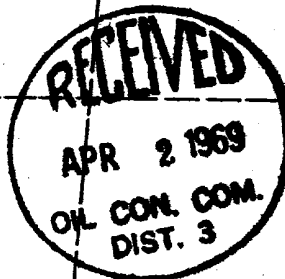
Date Surveyed

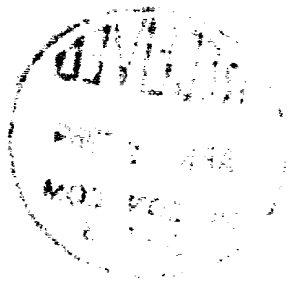
March 18, 1969

Registered Professional Engineer and/or Land Surveyor

*E. J. E. W. Hawk*

Certificate No. 3602





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