

**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 (X) Exploratory      SINGLE ZONE       MULTIPLE ZONE

**2. NAME OF OPERATOR**  
 Standard Oil Company of California

**3. ADDRESS OF OPERATOR**  
 225 Bush St., San Francisco, Ca. 94120

**4. LOCATION OF WELL** (Report location clearly and in accordance with any State requirements.)\*  
 At surface: Approximately 2630' N. and 200' E. from the SW corner of Sec. 34, T.37S., R.41E., W.M. (plat of surveyed location)  
 At proposed prod. zone by Lambert coordinates attached) Same.

**14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\***  
 Approximately 25 miles Northerly from McDermitt, Nevada

**16. NO. OF ACRES IN LEASE**  
 2560 acres

**17. NO. OF ACRES ASSIGNED TO THIS WELL**  
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**18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. ON THIS LEASE**  
 No wells

**19. PROPOSED DEPTH**  
 6000 ft.

**20. ROBBY OR CABLE TOOLS**  
 rotary

**21. ELEVATIONS** (Show whether DF, RT, GR, etc.)  
 5586 ft. (ground)

**22. APPROX. DATE WORK WILL START\***  
 June 15, 1972

**5. LEASE DESIGNATION AND SERIAL NO.**  
 OR-7372

**6. IF INDIAN, ALLOTTEE OR TRUST NAME**  
 not applicable

**7. UMS AGREEMENT NAME**  
 Blue Mountain Unit (designated 2/23/72)

**8. FARM OR LEASE NAME**  
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**9. WELL NO.**  
 Blue Mountain Unit No. 1

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

**11. SEC., T., R. N., OR BLK. AND SURVEY OR AREA**  
 Sec. 34, T.37S., R.41E., W.M.

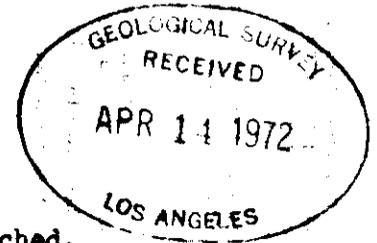
**12. COUNTY OR PARISH**      **13. STATE**  
 Malheur      Oregon

**PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
26"	20"	94#	30'	50 Sacks
17"	13-3/8"	48#	100'	130 "
12-1/4"	9-5/8"	40#	1000'	400 "
8-3/4"	5-1/2"	17#	6000'-9000'	600 "

**NOT FOR PUBLIC**

The Operator must contact the District Manager of the Bureau of Land Management for advice prior to building roads and moving on location. The District Manager's address is 365 "A" Street West, Vale Oregon



We refer you to BLM Reclamation requirements pages 11, 12 and 13 attached.

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: R. W. Armstrong      TITLE: Division Manager, Land Pacific Northwest Division      DATE: April 11, 1972

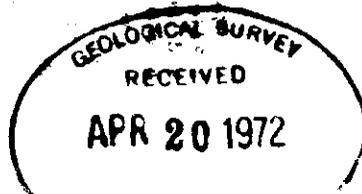
(This space for Federal or State office use)

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

APPROVED BY: Russell      TITLE: District Engineer      DATE: August 10, 1972

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

**SEE ATTACHED CONDITIONS AND REQUIREMENTS**



\*See Instructions On Reverse Side

- cc - BLM, Vale, Ore.
- (1) BLM, Portland, Ore.
- BMC, L.A.
- Dept. of Geology & Mineral Inds., Portland, Oregon
- R. W. Armstrong, Standard Oil, Box 3862, San Francisco, CA 94110