



United States Department of the Interior

GEOLOGICAL SURVEY
P. O. Drawer 1
Artesia, New Mexico 88210

February 16, 1979

Sundance Oil Company
1776 Lincoln Street
Suite 510
Denver, Colorado 80203

SUNDANCE OIL COMPANY
Oakason "B" Federal No. 3
660 FNL 1980 IWL Sec. 33, T7S, R31E
Chaves County Lease No. NM-15015-B

Above Data Required on Well Sign

Gentlemen:

Your APPLICATION FOR PERMIT TO DRILL the above-described well to a depth of 4,000 feet to test the San Andres formation is hereby approved subject to compliance with the OIL AND GAS OPERATING REGULATIONS (30 CFR 221) and the following conditions:

1. Drilling operations authorized are subject to compliance with the GENERAL REQUIREMENTS FOR OIL AND GAS OPERATIONS ON FEDERAL LEASES, dated July 1, 1978.
2. Prior to commencing construction of road, pad, or other associated developments, operator will provide the dirt contractor with a copy of the SURFACE USE PLAN and this approval including the GENERAL REQUIREMENTS.
3. Submit a Daily Report of Operations from spud date until the Well Completion Report (form 9-330) is filed. The progress report should be not less than 8" x 5" in size and each page should identify the well.
4. All permanent above-ground structures and equipment shall be painted in accordance with the attached Painting Requirements. The color used should simulate sandstone brown (General Standard Color #595A, color 20318 or 30318).

Sincerely yours,

Eng. and Geol. ALBERT R. STALL

Albert R. Stall
Acting District Engineer

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MAY - 9 1979

**OIL CONSERVATION COMM.
HOBBS, N. M.**

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
SUNDANCE OIL COMPANY

3. ADDRESS OF OPERATOR
Suite 510, 1776 Lincoln St., Denver, CO 80203

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface 660' FNL, 1980' FWL Unit C
At proposed prod. zone Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
15 1/2 miles south of Kenna, New Mexico

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any) 660

16. NO. OF ACRES IN LEASE 200
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1320

19. PROPOSED DEPTH 4000
20. ROTARY OR CABLE TOOLS Rotary
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 4301.2' GL

22. APPROX. DATE WORK WILL START* February 20, 1978

5. LEASE DESIGNATION AND SERIAL NO.
NM-15015-B
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME
Oakason "B" Federal
9. WELL NO.
10. FIELD AND POOL, OR WILDCAT
Tom Tom, San Andres
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Section 33, T.7S., R.31E.
12. COUNTY OR PARISH 13. STATE
Chaves New Mexico

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11	8 5/8"	28	1450'	260 sx Econ & 100 sx Class C
7 7/8	4 1/2"	10.5	4000'	300 sx 50/50 Poz

Well will be drilled to TD and evaluated. If further evaluation is required, will log to determine if casing will be run.

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 Richard U. Dmit TITLE Vice President, Production DATE January 8, 1979
(This space for Federal or State office use)

PERMIT NO. APPROVAL DATE

APPROVED BY TITLE DATE
CONDITIONS OF APPROVAL, IF ANY:

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MAY - 9 1979

OIL CONSERVATION COMM.
HOBBS, N. M.

1. The first group of people who are not in the labor force are those who are not in the labor force because they are not in the labor force.

As the number of nodes in the network increases, the number of nodes that are not connected to the network increases. This is because the number of nodes that are not connected to the network is proportional to the number of nodes that are not connected to the network.

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7. *Journal of the American Medical Association*, 1990; 263: 1025-1028.

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Tom Tom

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It is a little more than a decade since the world was asked to identify the ownership of the world. It is to work on

10. In the case of different ownership, should not the well have the interests of all owners taken into
 date in communitization, unitization, force-pooling, etc?

U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

Yes. If answer is "yes," type of consolidation:

1. Examine the list of the owners and tract descriptions which have actually been consolidated. (The reverse side of a form is necessary.)

Company will be assigned to the well until all interests have been consolidated by communitization, unitization, or pooling, or otherwise brought into a non-unitized unit. Eliminating such interests has been approved by the Owners.

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hereby certify that the statement on
 stated herein is true and complete to the
 best of my knowledge and belief.

Richard O. Dimit

Vice President, Production

Sundance Oil Company

January 8, 1979

where-by I certify that the well known
show on this plot was plotted from your
notes of actual surveys made by me or
under my supervision and that the same
is true and correct to the best of my
knowledge and belief.

December 13, 1973

| | | |
|--------------|----------------|------|
| Port. No. 11 | John A. West | 676 |
| | Ronald E. Lyon | 3234 |

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MAY - 9 1979

OIL CONSERVATION COMM.
HOBBBS, N. AL.