

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

| | | | | |
|--|----------------|-----------------|--|--------------------|
| 1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> | | | 5. LEASE DESIGNATION AND SERIAL NO. NM-15678 | |
| b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/> | | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME | |
| 2. NAME OF OPERATOR SUNDANCE OIL COMPANY | | | 7. UNIT AGREEMENT NAME | |
| 3. ADDRESS OF OPERATOR Suite 910, 1776 Lincoln St., Denver, CO 80203 | | | 8. FARM OR LEASE NAME Ingram Federal | |
| 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 | | | 9. WELL NO. 17 | |
| 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 15 miles south of Kenna | | | 10. FIELD AND POOL, OR WILDCAT Tom-Tom, San Andres | |
| 15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 660 | | | 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA NE NW Section 8, T.8S., R.31E. | |
| 16. NO. OF ACRES IN LEASE 1401.68 | | | 12. COUNTY OR PARISH Chaves | |
| 17. NO. OF ACRES ASSIGNED TO THIS WELL 40 | | | 13. STATE New Mexico | |
| 18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1320 | | | 20. ROTARY OR CABLE TOOLS Rotary | |
| 21. ELEVATIONS (Show whether DF, RT, GR, etc.) 4230.0' GL | | | 22. APPROX. DATE WORK WILL START* January 10, 1981 | |
| 23. PROPOSED CASING AND CEMENTING PROGRAM | | | | |
| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
| 12 1/4" | 8 5/8" | 24 | 1350' | 550 sx, circulated |
| 7 7/8" | 4 1/2" | 10.5 | 4100' | 300 sx |

The well will be drilled, logged and evaluated by drill stem tests for full evaluation of the San Andres Formation. If warranted, completion will be made in the same formation.

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DEC 4 1980

U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

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 O. Dimit TITLE Vice President, Production DATE Dec. 1, 1980
(This space for Federal or State office use)

PERMIT NO. (Orig. Reg.) GEORGE H. STEWART APPROVAL DATE JAN 22 1981
APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

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JAN 23 1931

U. S. DEPT. OF AGRICULTURE

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102
Supersedes C-128
Effective 1-1-65

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

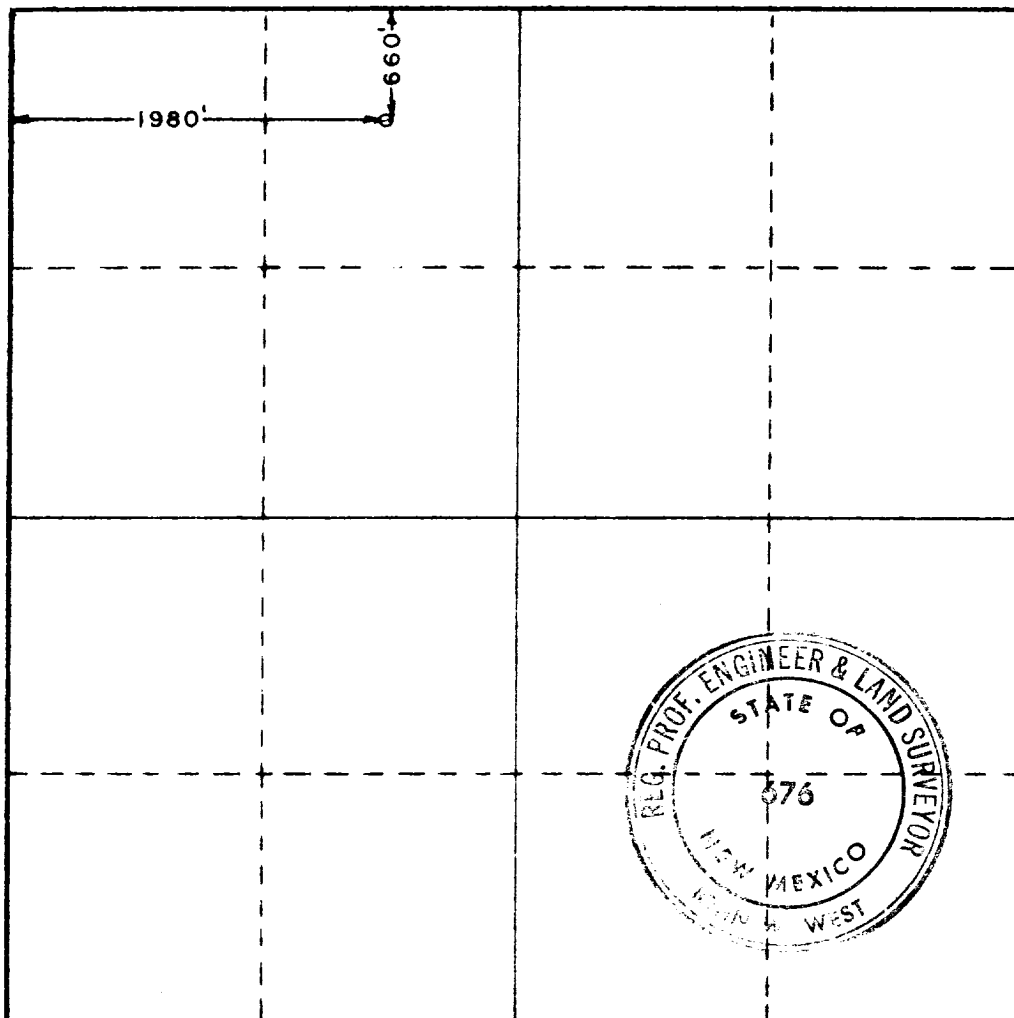
| | | | | | |
|---|--|----------------------------|-------------------------|-------------------------|---------------------------------------|
| Operator Sundance Oil Co. | | | Lease Ingram | | Well No. 17 |
| Unit Letter C | Section 8 | Township 8 South | Range 31 East | County Chaves | |
| Actual Footage Location of Well: 660 feet from the North line and 1980 feet from the West line | | | | | |
| Ground Level Elev. 4230.0 | Producing Formation San Andres | | Pool Tom-Tom | | Dedicated Acreage: 40 Acres |

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
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).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____ **DEC 4 1980**

If answer is "no," list the owners and tract descriptions which have actually been consolidated on reverse side of this form if necessary.) _____

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.



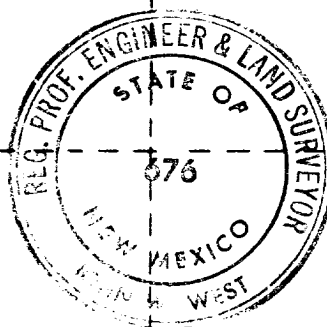
CERTIFICATION

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

Richard O. Dimit
Name
Richard O. Dimit
Position
Vice President, Production
Company
Sundance Oil Company
Date
November 26, 1980

I hereby 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 is true and correct to the best of my knowledge and belief.

Date Surveyed
10-16-80
Registered Professional Engineer and/or Land Surveyor
John W. West
Certificate No. **JOHN W. WEST 676**
PATRICK A. ROMERO 6868
Ronald J. Elders 3239



0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600

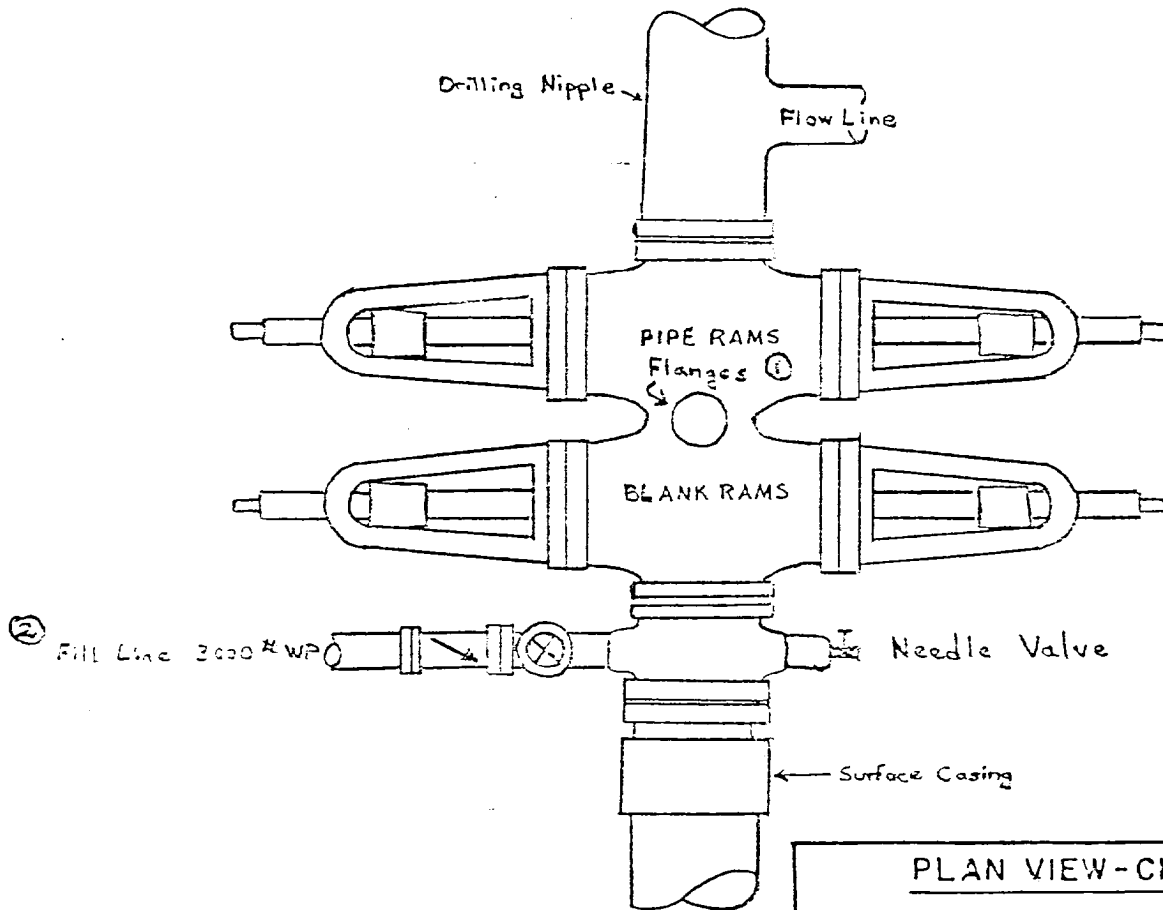
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OLD GOVERNMENT DIV

B.O.P. HOOK-UP

Schaeffler Type E 10" Series 900 Hydraulic BOP. (3,000 PSI W.P.)



NOTES:

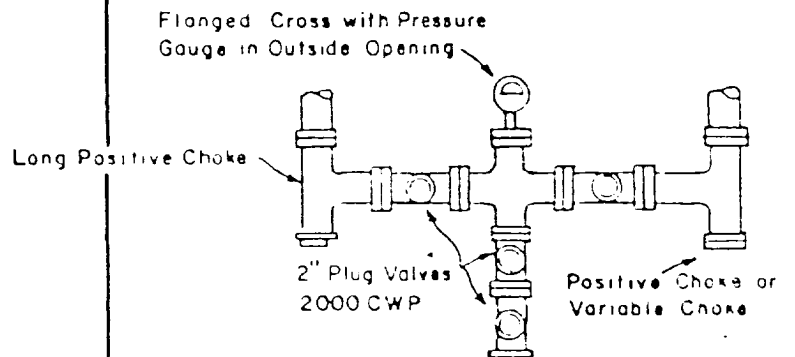
① 1 Flange on each side of BOP Stack. Choke Manifold connects To one side. Other side has full opening pipe and valves connected To ii. KILL LINES.

② Fill line also has valve in it at rig floor level.

BOP Stack will be equipped To operate with both hydraulic and manual controls.

All equipment, piping and valves in BOP arrangement is 900 Series, i.e. 3,000 psi working pressure.

PLAN VIEW-CHOKE MANIFOLD



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JAN 23 1933

U.S. DEPT. OF JUSTICE