

NM Oil Cons.
Drawer DD
Artesia, NM 8 10SUBMIT IN
 (Other instructions on
reverse side)Form approved.
Budget Bureau No. 42-R1425.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-12557	
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Agua Negra Unit	
2. NAME OF OPERATOR Cibola Energy Corporation		7. UNIT AGREEMENT NAME Duncan Federal	
3. ADDRESS OF OPERATOR P. O. Box 1668, Albuquerque, NM 87103 O. C. D.		8. FARM OR LEASE NAME 2	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 330 FSL & 990 FWL		9. WELL NO. 2	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE 24 miles ENE of Roswell, New Mexico		10. FIELD AND POOL, OR WILDCAT Wildcat SAN ANTONIO	
15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 330'		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 7-9S-28E	
16. NO. OF ACRES IN LEASE 1074.24		12. COUNTY OR PARISH 13. STATE Chaves NM	
17. NO. OF ACRES ASSIGNED TO THIS WELL 40		18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 13,000'	
19. PROPOSED DEPTH 2400'		20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3884.6 GR		22. APPROX. DATE WORK WILL START December 1, 1987	

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"	23#	500'	Circulate
8"	4 1/2"	9.5#	TD	200 sx cement

Mud Program - None
Gas not dedicated
BOP - See Exhibit D

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 Karen Tvede TITLE Geologist DATE 11-9-87
(This space for Federal or State office use)PERMIT NO. S/Phil Kirk APPROVAL DATE DEC 7 1987
APPROVED BY Area Manager DATE DEC 7 1987

APPROVAL OF THIS APPLICATION DOES NOT WARRANT OR CERTIFY THAT THE APPLICANT HOLDS LEGAL OR EQUITABLE TITLE TO THOSE RIGHTS IN THE SUBJECT LEASE WHICH WOULD ENTITLE THE APPLICANT TO CONDUCT OPERATIONS THEREON.

PLEASE BE ADVISED THAT THERE WILL BE NO EXCAVATION OF FEDERALLY OWNED MINERAL MATERIAL FOR CONSTRUCTION OF THE ACCESS ROAD OR PAD WITHOUT PAYMENT IN ADVANCE.
See Instructions On Reverse Side

45 X 100 OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form 10-1
Superseded Edition
Effective 10-1-87

All distances must be from the outer boundaries of the Section

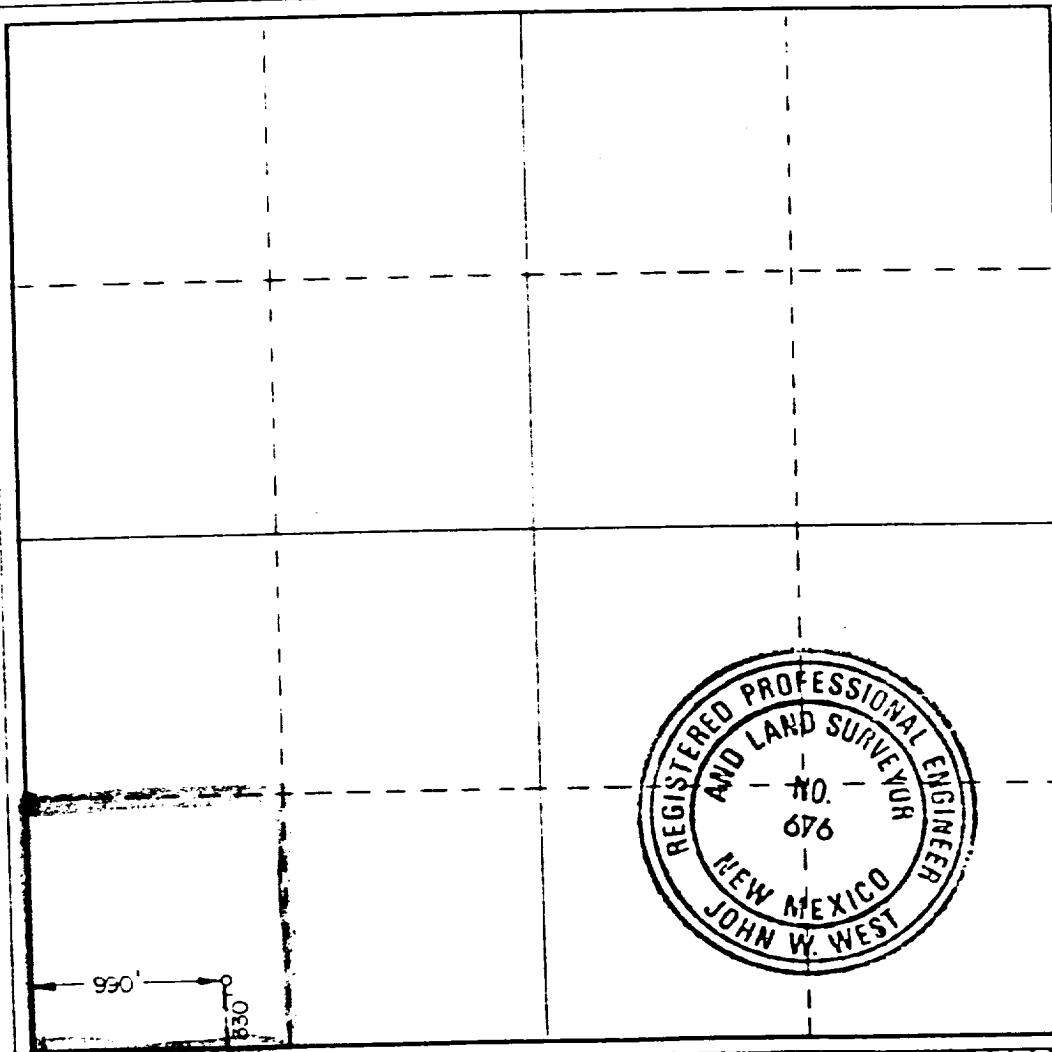
Operator Cibola Energy Corp.		Lease Duncan Federal		Acres 2	
Section 11	Quarter 7	Township 9 South	Range 28 East	County Chaves	
Approximate Location of Well: 530 feet from the South line and 990 feet from the West line					
Ground Level Elev. 5750	Producing Formation San Andres		Pool Wildcat SAN ANDRES	Dedicated Acreage 40	

- Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- 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 _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated (Use reverse side of this form if necessary.) All leases held by operator and participating parties.

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

Karen Tvede

Name

Karen Tvede

Position

Geologist

Company

Cibola Energy Corp.

Date

November 11, 1987

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

November 3, 1987

Registered Professional Engineer and/or Land Surveyor

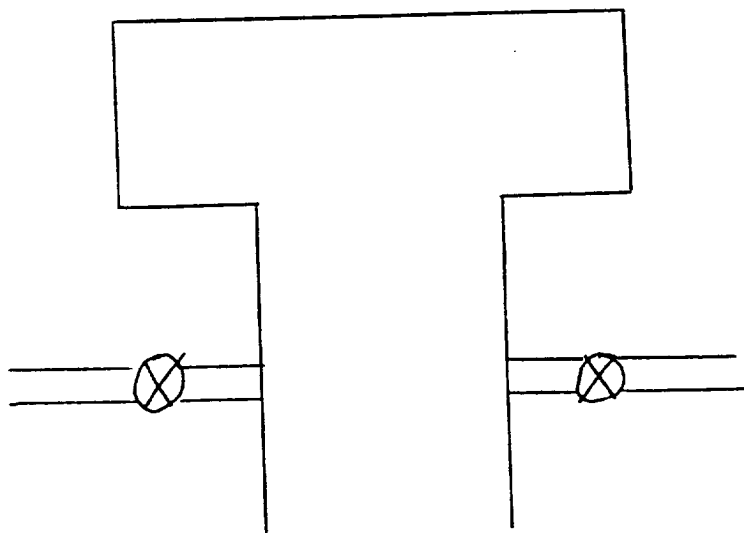
John W. West

Certificate No. JOHN W. WEST,

676

RONALD J. EIDSON,

3239



8", 3000 psi
rotating head with
one manual ram.

BOP Diagram

Exhibit D

APPLICATION FOR DRILLING

Cibola Energy Corporation
Duncan Federal #2, Sec. 7-9S-28E
330 FSL & 990 FWL
Chaves County, New Mexico

In conjunction with form 9-331C, Application for Permit to Drill Subject Well, Cibola Energy Corporation submits the following ten items of pertinent information in accordance with U.S. Minerals Management Service requirements.

1. The geologic surface is Quaternary fill.
2. Actual tops of Geologic markers:

	<u>Depth</u>
Yates	519
San Andres	1646
Slaughter	2210

3. The estimated depth at which water, oil or gas are expected:

Water	420'	
Oil & Gas	- Slaughter	2250'

4. Proposed casing program - See form 9-331C.
5. Pressure control equipment: See Exhibit D.
6. We will be drilling with Air Rotary. No mud will be used.
7. Auxiliary Equipment - None
8. Testing, and logging program - GR, CNL Densilog, Induction. No DST's will be run.
9. No abnormal pressures or temperatures are expected.
10. Anticipated starting date is December 1, 1987

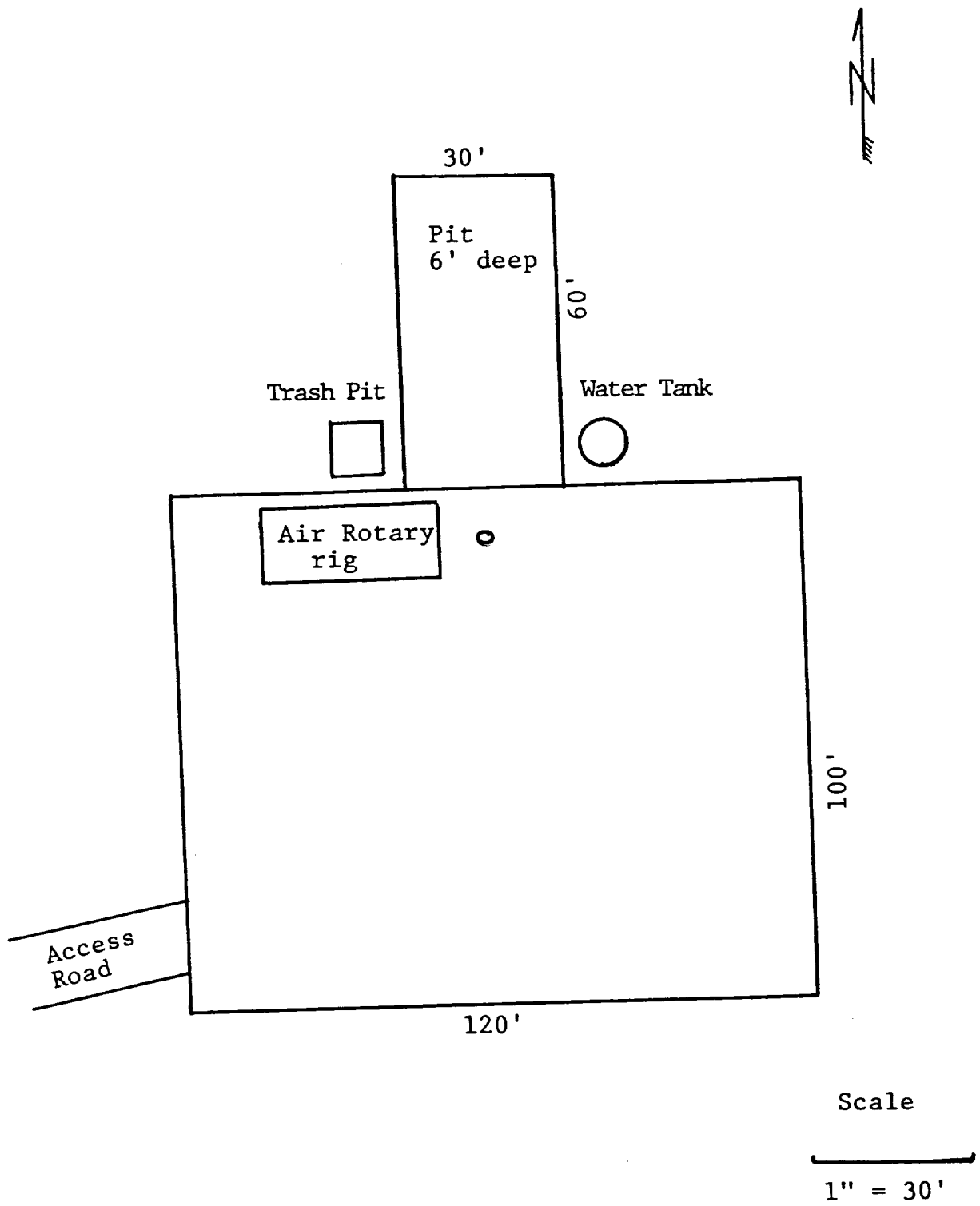


Exhibit C

