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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

AUG 24 '87

5A. Indicate Type of Lease	
STATE ☐	FEE ☒
5. State Oil & Gas Lease No.	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well OIL WELL ☒ GAS WELL ☐ OTHER ☐		Atoka San Andres Unit	
DRILL ☒ DEEPEN ☐ PLUG BACK ☐		8. Farm or Lease Name	
2. Name of Operator Chevron U.S.A. Inc.		9. Well No. 160	
3. Address of Operator P.O. Box 670, Hobbs, NM 88240		10. Field and Pool, or Wildcat Atoka San Andres	
4. Location of Well UNIT LETTER <u>D</u> LOCATED <u>550</u> FEET FROM THE <u>North</u> LINE		12. County Eddy	
AND <u>550</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>13</u> TWP. <u>18S</u> RGE. <u>26E</u> NMPM			
19. Proposed Depth 1850		19A. Formation San Andres	
20. Rotary or C.T. rotary			
21. Elevations (Show whether DF, RT, etc.) 3295.0		22. Approx. Date Work will start ASAP	
21A. Kind & Status Plug. Bond Blanket		21B. Drilling Contractor Not yet known	

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12 1/4"	8 5/8"	24#	970'	650 sx C circ. surf.	
7 7/8"	5 1/2"	15.5#	1850	575 sx C circ. surf.	

MUD PROGRAM:

0 - 970' FW Spud Mud 8.6ppg, 32-36 vis.
 970 - 1850' FW 8.6-9.5ppg, 30-36 vis, 15-20wl, 1600-1850.

APPROVAL VALID FOR 180 DAYS
 2-26-88
 DRILLING UNDERWAY

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. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed M. E. Abner Title Staff Drilling Engineer Date August 20, 1987

(This space for State Use)

Original Signed By
 Mike Williams
 Oil & Gas Inspector

APPROVED BY _____

CONDITIONS OF APPROVAL, IF ANY:

DATE

AUG 26 1987

Noted N.M.O.C.C. in sufficient
 time to address cementing

25/6

**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 Chevron U.S.A., Inc.		Lease ASAU		Well No. 160
Unit Letter D	Section 13	Township 18-S	Range 26-E	County Eddy
Actual Footage Location of Well: 550 feet from the North line and 550 feet from the West line				
Ground Level Elev. 3295.0	Producing Formation Atoka San Andres		Pool San Andres	Dedicated Acreage: 40 Acres

1. Outline the acreage dedicated to the subject well by colored ~~point~~ **RECEIVED** 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).
AUG 24 '87
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? **ARTESIA, OFFICE**

☒ Yes ☐ No If answer is "yes," type of consolidation unitization

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use 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.

M. E. Akins

Name
M. E. Akins
Position
Staff Drilling Engineer
Company
Chevron U.S.A.

Date
August 20, 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
May 21, 1987

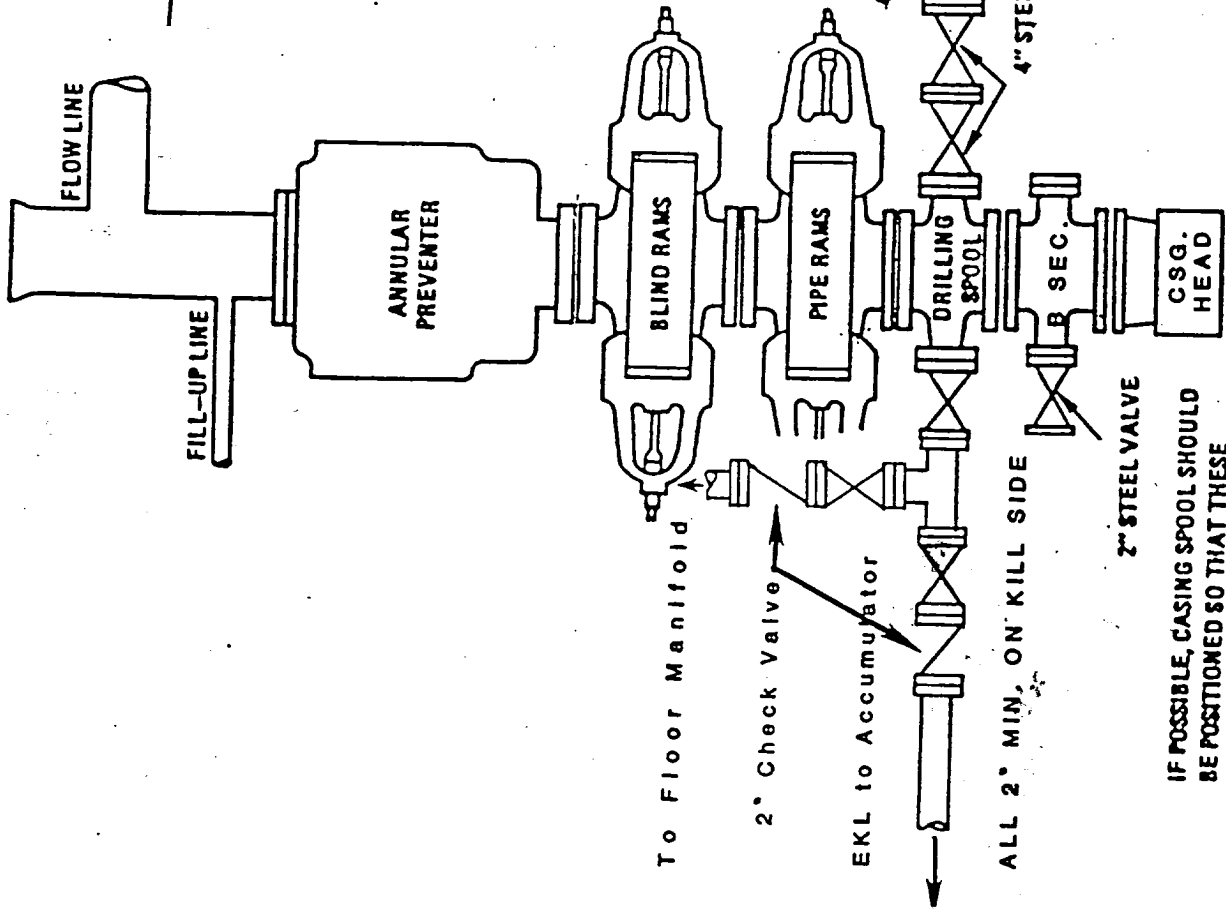
Registered Professional Engineer and/or Land Surveyor

John W. West

Certificate No. **JOHN W. WEST, 676**
RONALD J. EIDSON, 3239

HOBBS DIVISION

CLASS THREE PREVENTER



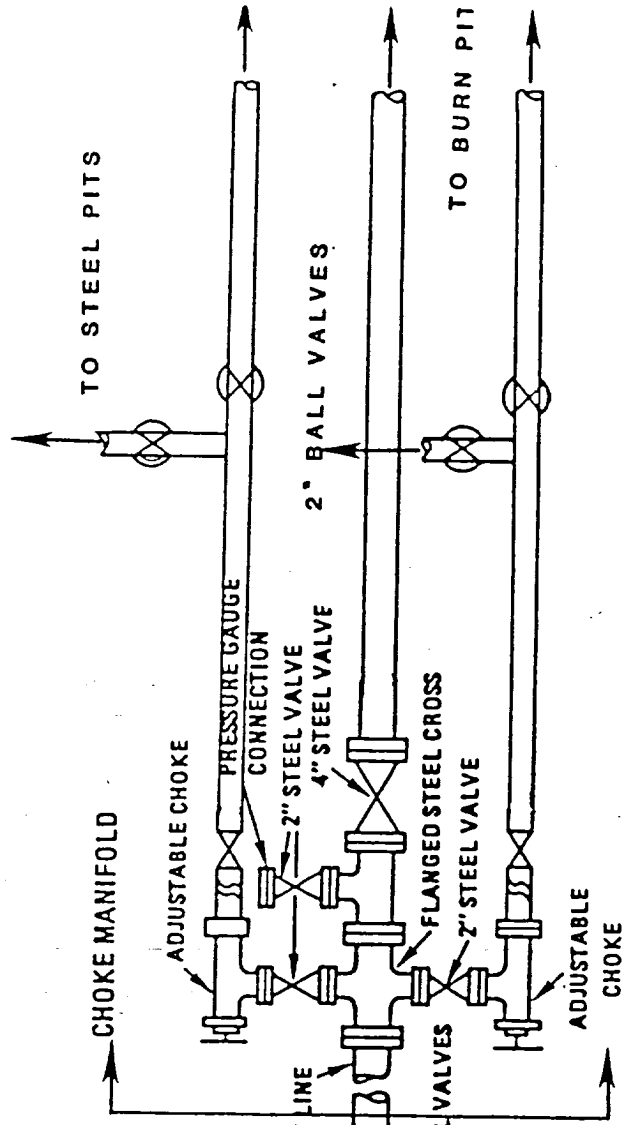
IF POSSIBLE, CASING SPOOL SHOULD BE POSITIONED SO THAT THESE VALVES ARE DIRECTLY UNDER THE BARREL OF THE RAM PREVENTER

The blowout preventer shall be nipped up as needed and a spare set of drill pipe rams shall be on location. The ram preventer may be two singles or a double type. The opening and closing outlets are on the side of the rams, then they may be used for connecting the flow line (1) and the kill line (2-1). A set of spare flange bolts and nuts will be on location at all times and shall be used.

The substructure height shall be sufficient to install a rotating blowout preventer. The accumulator shall be equipped with a pump. The pump shall be powered with air, the other will be powered with electricity. Each pump shall be able to operate at a total accumulator pressure shall be 750psi. The pressurized fluid volume stored in the accumulator shall be sufficient to close all pressure operated devices simultaneously within 15 seconds. The accumulator shall be located on the rig floor, not less than 100 feet from the remaining accumulator fluid volume. The accumulator shall be located on the rig floor, not less than 100 feet from the remaining accumulator fluid volume. The accumulator shall be located on the rig floor, not less than 100 feet from the remaining accumulator fluid volume.

A remote closing manifold located on the rig floor, not less than 100 feet from the accumulator, shall have a separate control for each pressure operated device. Controls are to be labeled as to device and opened or closed. All controls shall be provided for operation from the rig floor. A pressure reducer and regulator will be provided for operation from the rig floor. The accumulator shall be placed away from the rig floor, the distance is specified in contract. Hydraulic fluid must meet API-3 specifications.

The choke manifold and all lines are to be supported by metal stands and securely anchored. The choke flow line, relief lines and choke lines shall be as straight as possible and without any bends. The choke flow line valves and ball line valves and all ram preventers must be equipped with stem extension, universal joints, and hand wheels which extend beyond the edge of the substructure constructed to facilitate easy operation from outside the substructure. All other valves shall be equipped with handles.



Beyond Edge of Derrick Floor