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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease STATE ☒ FEE ☐
5. State Oil & Gas Lease No. <u>E-3510</u>
7. Unit Agreement Name
8. Farm or Lease Name <u>LEA "CR" STATE (NCT-A)</u>
9. Well No. <u>5</u>
10. Field and Pool, or Wildcat <u>NORTH ANDERSON BANKH CISO CANYON</u> UNDESIGNATED
12. County <u>LEA</u>
19. Proposed Depth <u>10,650</u>
19A. Formation <u>CANYON</u>
20. Rotary or C.T. <u>ROTARY</u>
21. Elevations (Show whether DF, RT, etc.) <u>4295.9</u>
21A. Kind & Status Plug. Bond <u>BLANKET</u>
21B. Drilling Contractor <u>UNKNOWN</u>
22. Approx. Date Work will start <u>JUNE 26, 1985</u>

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 ☐
2. Name of Operator	<u>Chevron U.S.A. Inc.</u>		
3. Address of Operator	<u>P.O. Box 670 Hobbs, New Mexico 88240</u>		
4. Location of Well	UNIT LETTER <u>P</u> LOCATED <u>3630</u> FEET FROM THE <u>SOUTH</u> LINE AND <u>990</u> FEET FROM THE <u>EAST</u> LINE OF SEC. <u>2</u> TWP. <u>16S</u> RGE. <u>32E</u> NMPM		
19. Proposed Depth	<u>10,650</u>		
19A. Formation	<u>CANYON</u>		
20. Rotary or C.T.	<u>ROTARY</u>		
21. Elevations (Show whether DF, RT, etc.)	<u>4295.9</u>		
21A. Kind & Status Plug. Bond	<u>BLANKET</u>		
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22. Approx. Date Work will start	<u>JUNE 26, 1985</u>		

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
14 3/4	11 3/4	42	450	~ 300 SCS	CIRCULATE
11	8 5/8	24 & 32	3100	~ 1380 ft ³	CIRCULATE
7 7/8	5 1/2	15.50 & 17	10,650	~ 650 ft ³	~ 7000'

MUD PROGRAM: 0-450' FW SPUD MUD 8.6-8.8 ppm 38 VIS 9pH No Control ON Fluid Loss
 450'-3100' SATURATED BRINE 10.0 ppm 29 VIS 8pH No Control ON Fluid Loss
 3100-8600' CUT BRINE 9.0-9.1 ppm 29 VIS 9pH No Control ON Fluid Loss
 8600- TD CUT BRINE POLY 9.0-9.1 ppm 33 VIS 9.5pH 15-20 WL 5% KCL

BOP PROGRAM: SEE ATTACHED DRAWING FOR 3000* WORKING PRESSURE Hook-up.

Permit Expires 6 Months From Approval
 Date Unless 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 J.C. Anderson Title Area Prod. Mgr. Date 7-2-85

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON

APPROVED BY DISTRICT 1 SUPERVISOR

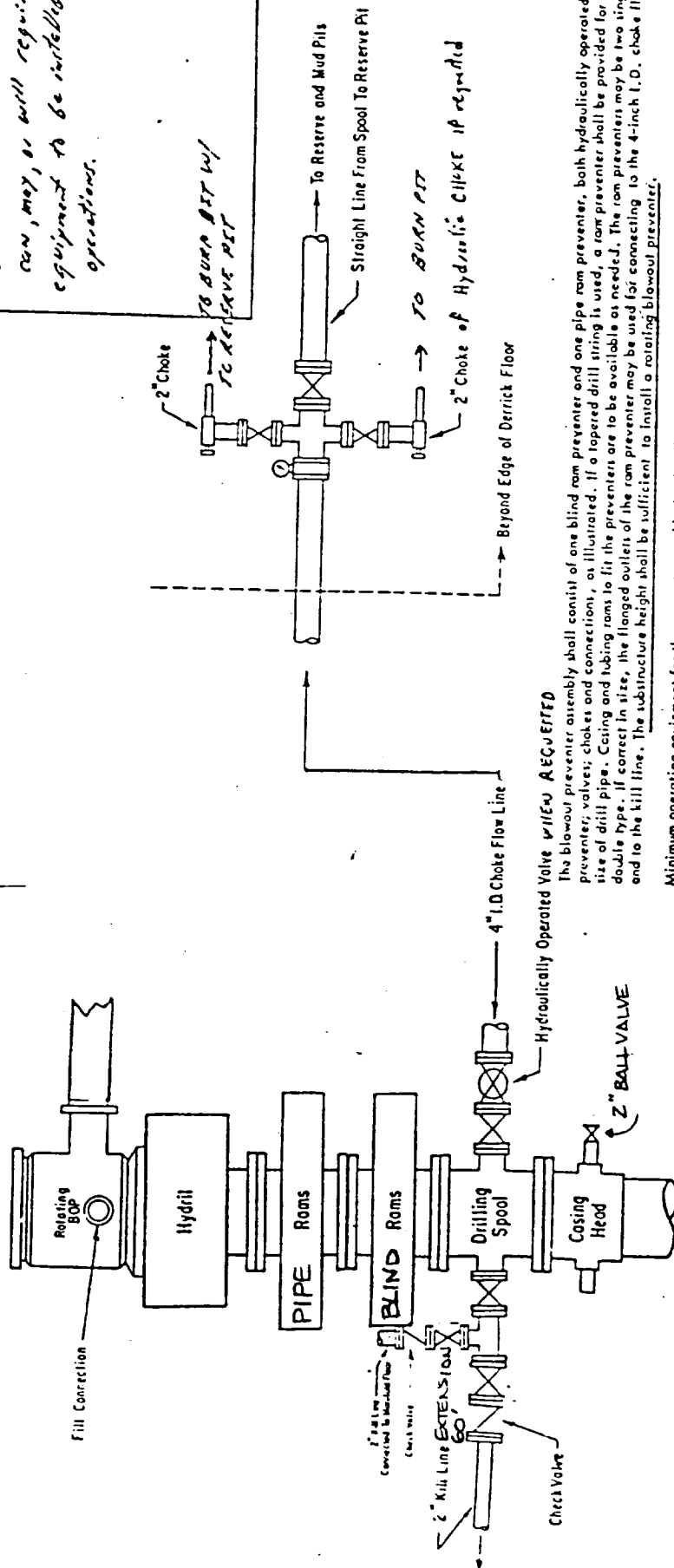
TITLE

DATE

JUL - 2 1985

CONDITIONS OF APPROVAL, IF ANY:

ADDITIONS - DELETIONS - CHANGES SPECIFY
NOTE: "When Required" means at any time the BOP Supervisor can, may, or will require the equipment to be installed during operations.



2000-3000 PSI WORKING PRESSURE
BOP HOOK-UP

SPECIFY WORKING PRESSURE

labeled, with control handles to indicate open and closed positions. A pressure reducer and regulator must be provided for operating the Hydril preventer. When required, a second pressure reducer shall be available to limit operating fluid pressures to ram preventers. Gulf Legion No. 38 hydraulic oil, an equivalent or better, is to be used as the fluid to operate the hydraulic equipment.

The choke manifold, the choke flow line, the choke lines and the relief lines are to be supported by metal stands and adequately anchored. The choke flow line, relief lines and choke lines shall be constructed as straight as possible and without sharp bends. Easy and safe access shall be maintained to the choke manifold. All valves are to be selected for operation in the presence of oil, gas, and drilling fluids. The choke flow line valves and valves of the relief lines connected to the drilling spools and all ram type preventers must be equipped with stem extensions, wye joints, if needed, and hand wheels which are to extend beyond the edge of the derrick substructure. All other valves shall be equipped with handles.

The blowout preventer assembly shall consist of one blind ram preventer and one pipe ram preventer, both hydraulically operated, a Hydril preventer, valves, chokes and connections, as illustrated. If a tapered drill string is used, a ram preventer shall be provided for each size of drill pipe. Casing and tubing rams are to be available as needed. The ram preventers may be used for connecting to the 4-inch I.D. choke flow line end to the kill line. The substructure height shall be sufficient to install a rotating blowout preventer.

Minimum operating equipment for the preventers and hydraulically operated valves shall be as follows: (1) multiple pumps, driven by a continuous source of power, capable of fluid charging the total accumulator volume from the nitrogen precharge pressure to its rated pressure within 2 minutes. Also, the pumps are to be connected to the hydraulic operating system which is to be a closed system. (2) the charging pumps shut down, the pressurized fluid volume stored in the accumulator shall be sufficient to close all the pressure-operated devices simultaneously within 1/4 seconds; after closure, the remaining accumulator pressure shall be not less than 1000 PSI with the remaining accumulator fluid volume at least 50 percent of the original. When requested, either an additional source of power, remote and equivalent, is to be available to operate the above pumps; or there shall be additional pumps operated by separate power and equal in performance capabilities.

The closing manifold and remote closing manifold shall have a separate control for each pressure-operated device. Controls are to be labeled, with control handles to indicate open and closed positions. A pressure reducer and regulator must be provided for operating the Hydril preventer. When requested, a second pressure reducer shall be available to limit operating fluid pressures to ram preventers. Gulf Legion No. 38 hydraulic oil, an equivalent or better, is to be used as the fluid to operate the hydraulic equipment.

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

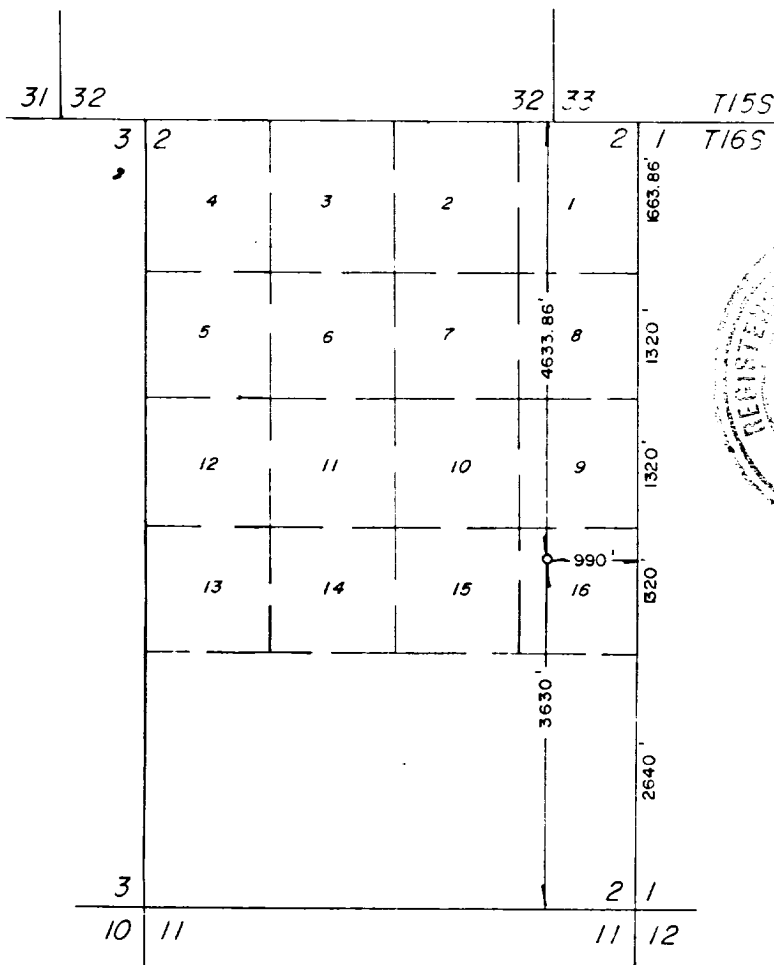
Operator GULF OIL CORP.			Lease LEA CR STATE NCT-A		Well No. 5
Unit Letter P	Section 2	Township 16S	Range 32E	County LEA	
Actual Footage Location of Well: 3630 feet from the SOUTH line and 990 feet from the EAST line					
Ground Level Elev. 4295.9	Producing Formation CISCO - CANYON		Pool NORTH ANDERSON RANCH	Dedicated Acreage: 40 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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 _____

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.

R.C. Anderson

Name
R.C. ANDERSON
Position
AREA PROD MGR
Company
CHEVRON U.S.A. INC.
Date
7-2-85

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
6/10/85

Registered Professional Engineer and/or Land Surveyor

John W. West

Certificate No. JOHN W. WEST 676

Ronald J. Eidson 3239

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