

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

CUMULATIVE NOTICES AND REPORTS ON WELLS

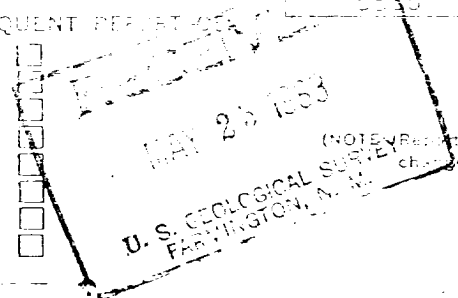
(This form is to be filled out for all wells drilled or reworked in the United States, whether or not they are subject to Federal regulation.)

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15. CHECK A. (ESTIMATE BOX) TO INDICATE NATURE OF CHANGE.
B. (ESTIMATE BOX) TO INDICATE NATURE OF CHANGE.

- REQUEST FOR APPROVAL TO:
- ☐ STOP WATER SHUT-OFF
 - ☐ REACTOR TREAT
 - ☐ SHOOT OR AT DIVE
 - ☐ RETAIN WELL
 - ☐ PULL OR ALTER CASING
 - ☐ MULTIPLE COMPLETE
 - ☐ CHANGE ZONES
 - ☐ ABANDON*
 - (other) ☐ Change of Plans

SUBSEQUENT REPORT



5. TITLE
6. FIELD NO. (ALLOTMENT OR)
7. UNIT AGREEMENT NAME
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RECEIVED
MAY 25 1983
OIL CON. DIV.
DIST. 3

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Plan to change objective to Pictured Cliffs Formation rather than Dakota as originally approved. Therefore, the following items will be modified:

Casing Program: 8-3/4" hole, 7" 26# csg. set at 90' with 43 cu.ft. cement to surf.
5-1/8" hole, 2-7/8" 6.4# csg. set at 1350' with 250 cu.ft. cement to surface.

Proposed depth: 1350'
Dedicated acres: 160

See attached revised Operations Plan, BOP sketch, Location Layout, and Plat.

Subsurface Safety Valve: Make and Type _____ Set @ _____ Ft

18. I hereby certify that the foregoing is true and correct

SIGNED Jim A. Jacobs TITLE Geologist DATE 5-19-83

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

shd

NAVOCC

*See Instructions on Reverse Side

APPROVED
AS AMENDED
MAY 25 1983
JAMES F. SIMS
DISTRICT ENGINEER

OPERATIONS PLAN

Hugh Lake #2 Well
T-27-N, R-12-W, NMPM
Section: 29
1120' FNL & 790' FEL
San Juan County, New Mexico

FORMATION TOPS:

Kirtland	180'
Cliffland	925'
Fractured Chuffs	1230'
Total Depth	1380'

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OIL CON. DIV.
DIST. 8

CEMENTING PROGRAM:

Cement to be placed every 10' from 1000 feet to total depth.

CEMENTING PROGRAM:

<u>Hole Size</u>	<u>Casing Size</u>	<u>Wt./Ft.</u>	<u>Setting Depth</u>	<u>Grade & Condition</u>	<u>Cementing Program</u>
8 3/4"	7"	26#	90'	K-55 B	41 Cu.ft. to Surface
5 1/8"	2 7/8"	6.4#	1250'	J-55 B	250 cu.ft. to surface

WELLHEAD EQUIPMENT: Casinghead & screw-type,
1000 psi working pressure, bradenhead; tubinghead-screw-type, 1000 psi

Dugan Production Corp.

Office	325-1821
Tom Dugan	325-5694
Jim Jacobs	325-8353
John Roe	326-1034
Sherman Dugan, Geo	327-4287
Gerry McHugh, Land	327-3580
Kurt Fagrellius, Geo	334-7142

Radio Dispatch	327-2676
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TYPICAL BOP INSTALLATION FOR A PICTURED CLIFFS WELL

SCHEMATIC DIAGRAM

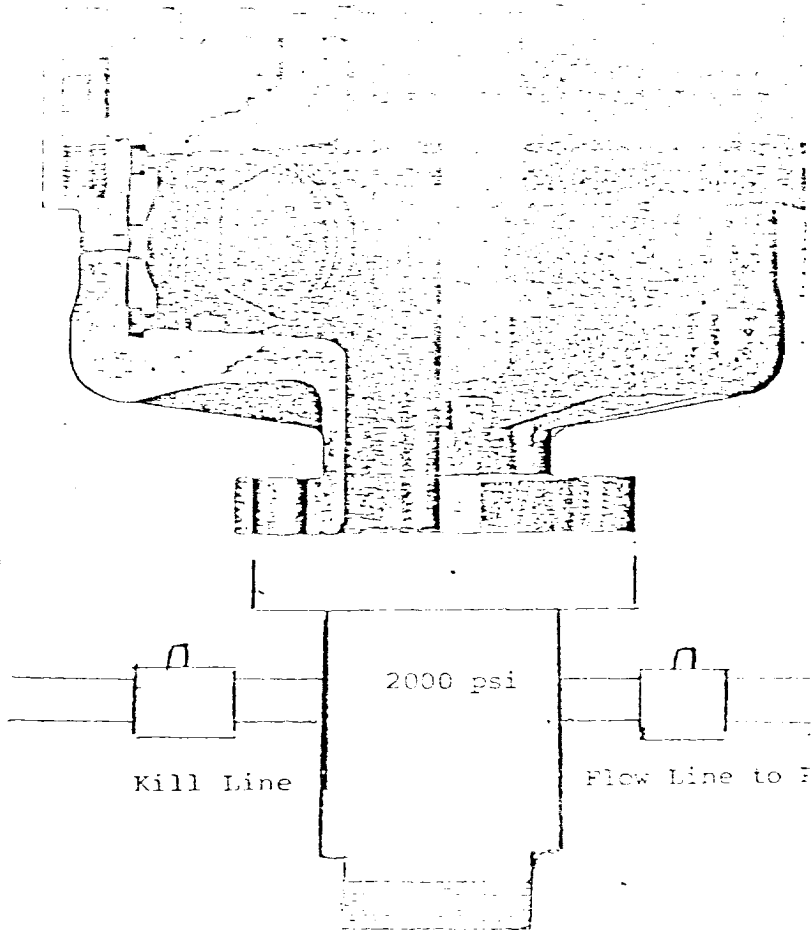
TESTING PROCEDURES

Install BOP after setting surface pipe and
test to 1000 psi after drilling out
for surface pipe.

REGAN **RECYCLED** BLOWOUT PREVENTERS

MAY 26 1968

OIL CON. DIV.
DIST. 3



The Regan Torus Blowout Preventer is used primarily on production and workover rigs for well control up to 3000 PSI working pressure

DESIGN FEATURES

- The Torus Preventer is designed for minimum height to facilitate its use with production and workover rigs.
- The rubber packer will conform to any object in the well bore. Sealing ability is not affected by minor damage to the inner bore.
- The packer will seal on open hole at full working pressure.
- The dual packer design increases the reliability of the preventer since the outer rubber is never exposed to the well bore. Under ordinary service, the outer packer is rarely replaced.

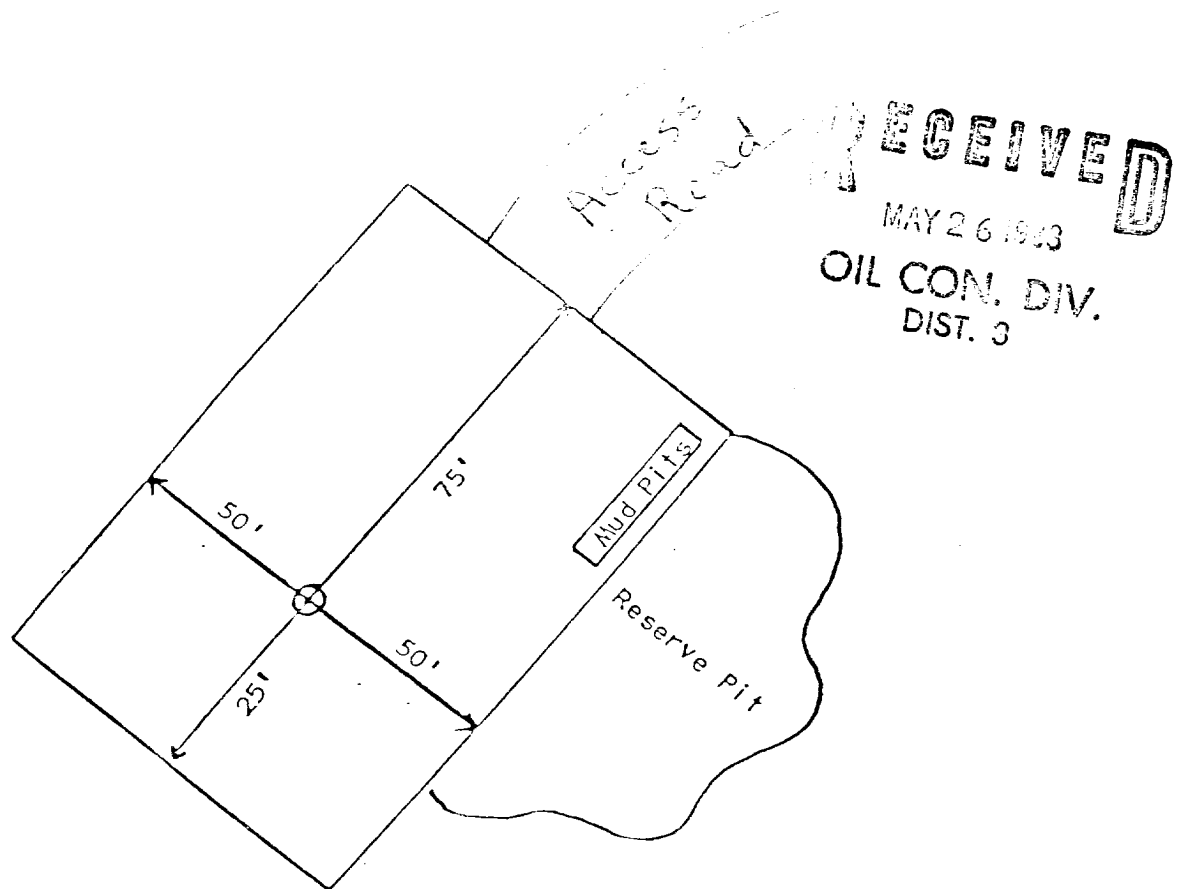
DUGAN PRODUCTION CORP.
Hugh Lake #2
1120' ENL - 790' FEL
Section 29, T27N R12W
San Juan County, NM

TORUS BLOWOUT PREVENTER
PATENTED

SPECIFICATIONS

Nominal Size	Test Pressure (psi)	DIMENSIONS (In.)			Weight (lb.)	End Flanges (I)	R/X Ring Grooves	Side Outlet
		Outside Diameter	Thru Bore	Overall Height				
6	3000 6000	27 28 1/2	7 1/4 7 1/4	18 1/2 21 1/2	1500 1550	Nom. 6 Nom. 6	45 45	None 2" I.P.

LOCATION LAYOUT FOR PICTURED CLIFFS WELL



DUGAN PRODUCTION CORP.
Hugh Lake #2
1120' FNL - 790' FEL
Sec. 29 T27N R12W
San Juan County, NM

All distances must be from the center line center of the Section.

DUGAN PRODUCTION CORP.		Lease		Huch Lake		Well No.	2
Section	29	Township	27N	Range	12W	County	San Juan

Location of Well:

130 feet from the	North	790'	East	160'
Producing Formation	Pictured Oil	Well No. P. C.		

1. On the average dedicated to the subject well by colored pencil or colored marks on the plot below.

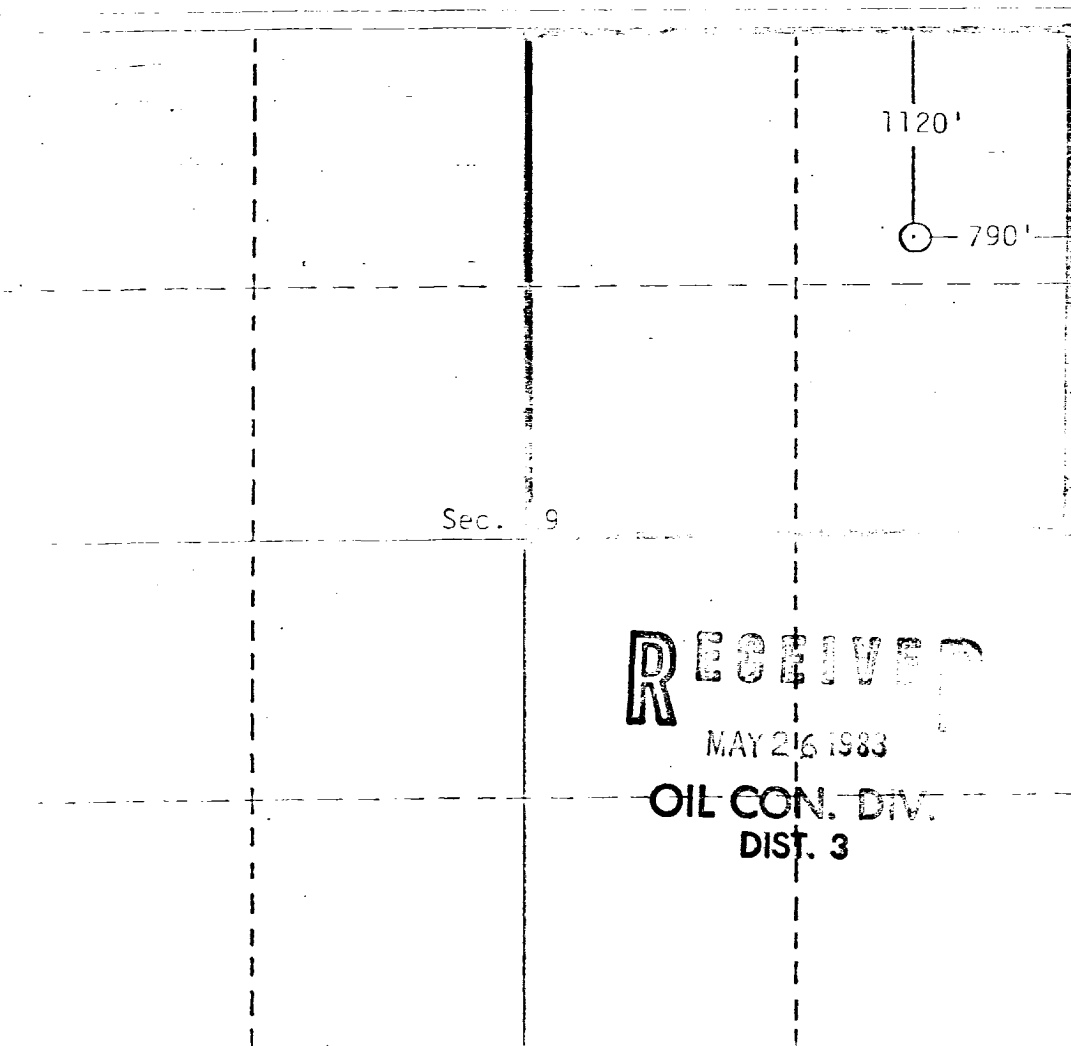
2. If more than one lease is dedicated to the well, list the lease (by name and number) on the plot below.

3. If more than one lease of different ownership is dedicated to the well, list the lease (by name and number) on the plot below.

☐ Yes ☐ No Answer is "yes" type of consolidation.

If answer is "no," list the owners and their descriptions which have actually been consolidated with this well (if necessary.)

All title will be assigned to the well until all interests have been consolidated (by consolidation, unitization, force pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Division.



CERTIFICATION

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

Name: Jim L. Jacobs

Position: Geologist

Company: Dugan Production Corp.

Date: 5-19-83

I hereby certify that the well location shown on this plot 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: 5-18-83

Registered Professional Engineer
and Licensed Surveyor

Thomas A. Dugan
Thomas A. Dugan

Certificate No. #2373 PE/LS