5 BLM, Fmn 1 File

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

1. [illegible]

2. NAME OF OPERATOR
[illegible] CORP.

ADDRESS OF OPERATOR
[illegible]

LOCATION OF WELL [illegible]
AT SURFACE: 1120' FNL - [illegible]
[illegible] INTERVAL:
[illegible] DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

5. LEASE
NM-?022

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
[illegible] Lake

9. WELL NO.
2

10. FIELD OR WILDCAT NAME
[illegible]

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
[illegible] 27, [illegible]

12. COUNTY OR PARISH | 13. STATE
[illegible]

14. API NO.
[illegible]

15. ELEVATIONS (SHOW DF, KDB, AND WD)
5535' GL; [illegible]

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U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

	REQUEST FOR APPROVAL TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF	☐	☐
FRACTURE TREAT	☐	☐
SHOOT OR ACIDIZE	☐	☐
REPAIR WELL	☐	☐
PULL OR ALTER CASING	☐	☐
MULTIPLE COMPLETE	☐	☐
CHANGE ZONES	☐	☐
ABANDON*	☐	☐
(other) Change of Plans		

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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 4? 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: Manu. and Type ______ Set @ ______ Ft.

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

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

(This space for Federal or State office use)

APPROVED BY ______ TITLE ______ DATE ______
CONDITIONS OF APPROVAL, IF ANY:

NMOCC

APPROVED
~~AS AMENDED~~
MAY 2 ? 1983
JAMES F. SIMS
DISTRICT ENGINEER

*See Instructions on Reverse Side

OPERATIONS PLAN

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

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[illegible] FORMATION TOPS:

Kirtland	180'
Fruitland	925'
Pictured Cliffs	1230'
Total Depth	1350'

LOGGING PROGRAM:

- [illegible] every 10' from 1000 feet to total depth.

CASING PROGRAM:

Hole Size	Casing Size	Wt./Ft.	Setting Depth	Grade & Condition	Cementing Program
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
Jerry McHugh, Land	327-3580
Kurt Fagrelius, Geo	334-7142
Radio Dispatch	327-2676

TYPICAL BOP INSTALLATION
FOR A PICTURED CLIFFS WELL

SCHEMATIC DIAGRAM

TESTING PROCEDURES

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

REGAN BLOWOUT PREVENTERS

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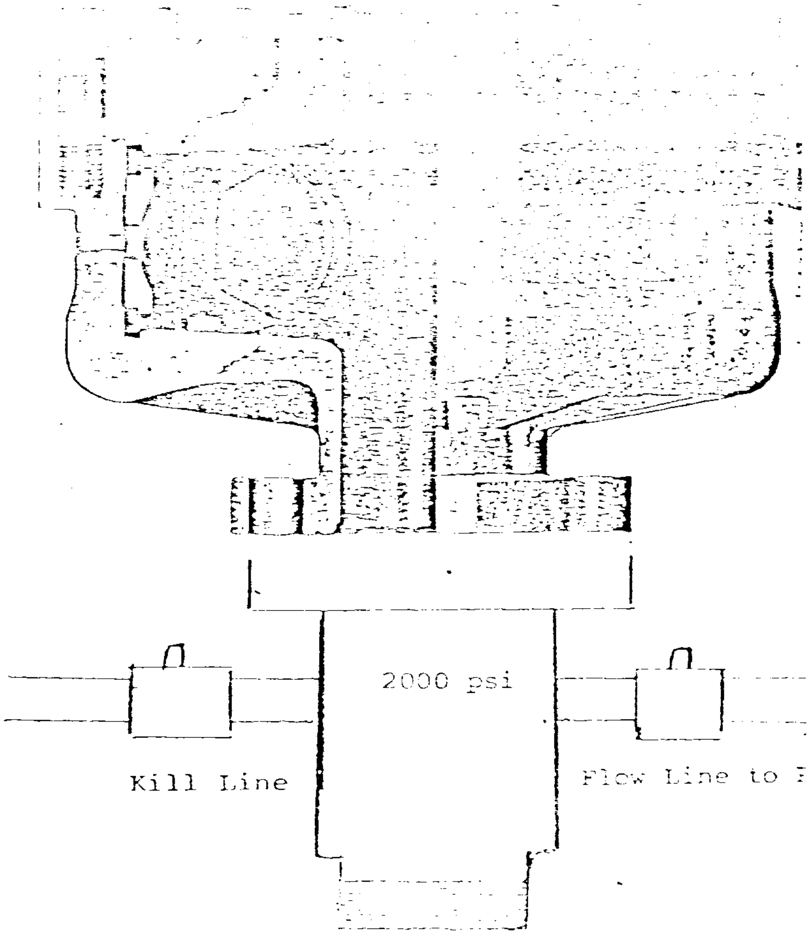


DUGAN PRODUCTION CORP.
Hugh Lake #2
1120' FNL - 790' FEL
Section 29, T27N R12W
San Juan County, NM

TORUS BLOWOUT PREVENTER
PATENTED

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

DESIGN FEATURES

a. The Torus Preventer is designed for minimum height to facilitate its use with production and workover rigs.

b. The rubber packer will conform to any object in the well bore. Sealing ability is not affected by minor damage to the inner bore.

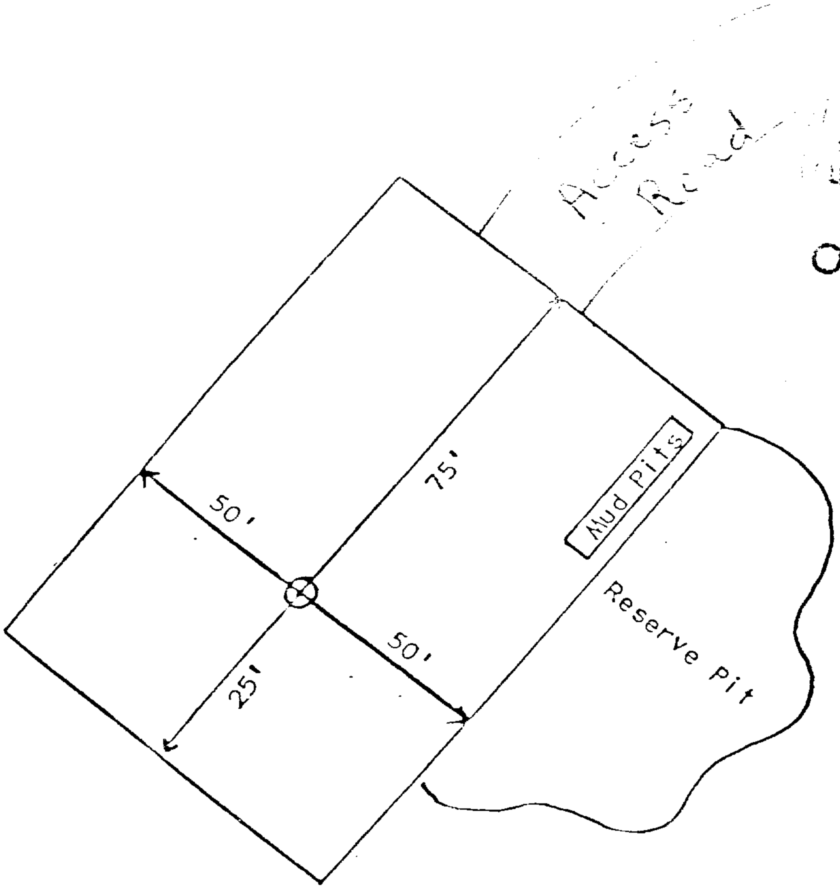
c. The packer will seal on open hole at full working pressure.

d. 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.

SPECIFICATIONS

Nominal Size	Test Pressure (psi)	DIMENSIONS (In.)			Weight (lb.)	End Flanges (1)	R/RX Ring Grooves	Side Outlet
		Outside Diameter	Thru Bore	Overall Height				
6	3000	27	7 1/16	19½	1350	Nom. 6	45	None
	6000	28½	7 1/16	21½	1550	Nom. 6	45	2" L.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

[illegible] MEXICO
[illegible] MINERALS DEPARTMENT

SANTA FE, NEW MEXICO [illegible]01

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

Operator: [illegible] PRODUCTION CORP.
Lease: Hugh Lake
Well No.: 2
Unit Letter: A
Section: 29
Township: 27N
Range: 12W
County: San Juan

Actual Footage Location of Well: [illegible]20 feet from the North line and 790' feet from the East line
Ground Level Elev.: [illegible] GL
Producing Formation: Pictured Cliffs
Pool: [illegible] P.C.
Dedicated Acreage: 160 Acres

1. [illegible] the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.

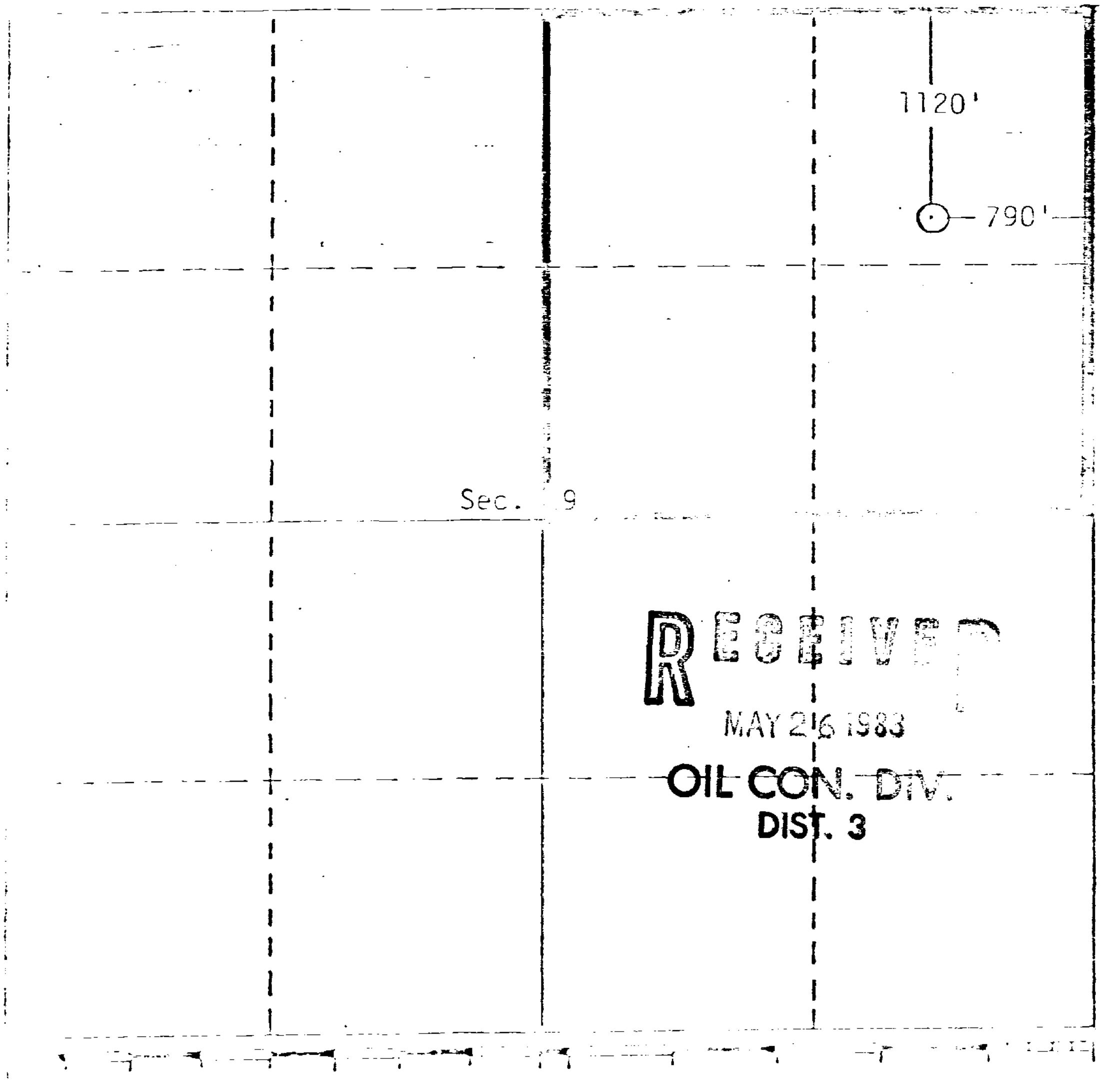
2. [illegible] than one lease is dedicated [illegible] [illegible] royalty).

3. [illegible] than one lease of different [illegible] the well, [illegible] by [illegible]unitization, unitization, force-pooling, etc?

[ ] Yes [ ] No If answer is "yes!" type of consolidation [illegible]

[illegible] is "no," list the owners and [illegible] which have actually [illegible] of this form if necessary.)

[illegible] will be assigned to the well until all interests have been consolidated (by communitization, unitization, [illegible] pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Division.



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DIST. 3

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 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: 5-18-83
Registered Professional Engineer and/or Land Surveyor
Thomas A. Dugan
Certificate No. #2373 PE/LS