



M.O.C.D. COPY

United States Department of the Interior

GEOLOGICAL SURVEY

P. O. Drawer U
Artesia, New Mexico 88210

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MAY 15 1980

O. C. D.
ARTESIA, OFFICE

May 14, 1980

Dalport Oil Corporation
3471 First National Bank Bldg.
Dallas, Texas 75202

Gentlemen:

DALPORT OIL CORPORATION
Holbrook Federal-B No. 2
1650 FSL 990 FWL Sec. 9 T.15S R.30E
Chaves County Lease No. NM-31263

Above Data Required on Well Sign

Your APPLICATION FOR PERMIT TO DRILL the above-described well to a depth of 2,400 feet to test the Queen formation is hereby approved subject to compliance with the OIL AND GAS OPERATING REGULATIONS (30 CFR 221) and the following conditions:

1. Drilling operations authorized are subject to compliance with the GENERAL REQUIREMENTS FOR OIL AND GAS OPERATIONS ON FEDERAL LEASES, dated July 1, 1978.
2. Prior to commencing construction of road, pad, or other associated developments, operator will provide the dirt contractor with a copy of the SURFACE USE PLAN and this approval including the GENERAL REQUIREMENTS.
3. All access roads will be limited to a 12 foot wide driving surface, excluding turnarounds. Surface disturbance associated with road construction will be limited to 20 feet in width.
4. Submit a Daily Report of Operations from spud date until the Well Completion Report (form 9-330) is filed. The progress report should be not less than 8" x 5" in size and each page should identify the well.
5. All permanent above-ground structures and equipment shall be painted in accordance with the attached Painting Requirements. The color used should simulate Sandstone Brown (Federal Standard No. 595A, color 20318 or 30318).
6. Notify the Survey by telephone 24 hours prior to spudding well.
7. Cement behind the 8-5/8" casing must be circulated.
8. Please have anyone contacting the Survey in regard to this well to identify the well with all of the information required above for the well sign.

Sincerely yours,

(Orig. Sgd.) GEORGE H. STEWART

George H. Stewart
Acting District Engineer

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OIL CONSERVATION DIV.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY(Other instructions on
MAY 15 1980

O. C. D.

30-005-20742
5. LEASE DESIGNATION AND SERIAL NO.
NM ~~049260~~ 31263
6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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

SINGLE
ZONE ☒MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Dalport Oil Corporation

3. ADDRESS OF OPERATOR

3471 First National Bank Bldg., Dallas, TX 75202

4. LOCATION OF WELL (Report location clearly and in accordance with and State requirements)

At surface

1650' FSL and 990' FWL

At proposed prod. zone

Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

16 miles north of Loco Hills

J.S. GEOLOGICAL SURVEY

ARTESIA, NEW MEXICO

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)

330'

160

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,

OR APPLIED FOR, ON THIS LEASE, FT.

none

19. PROPOSED DEPTH

2400

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

22. APPROX. DATE WORK WILL START*

June 1, 1980

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	8-5/8"	24#	300	175 SX "C" - circulate
7-7/8"	4-1/2"	9.5#	2400	150 SX lite + 150 SX "C"

Will cement 8-5/8" surface casing at approx. 300', circulate cement, and WOC 18 hours. Test casing at 600# for 30 minutes, drill out w/ fresh water. Will mud up at approx. 2000' w/ starch and gel to total depth. Will core and drill stem test Queen at 2265'. If productive, will run 4-1/2" to 2400' and will perforate as per gamma-neutron log. If sand frac is necessary, will use 20,000 gal gelled water + 30,000# sand. BOP Program: Shaffer hydraulic BOP's will be installed when rigging up, and will be used while rig is on location. See Exhibit "E".

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

TITLE

Geologist

DATE

4-29-80

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

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 Dalport Oil Corp.		Lease Holbrook-Federal B Federal		Well No. 2
Tract Letter L	Section 9	Township 15 South	Range 30 East	County Chaves
Actual Footage Location of Well: 1650 feet from the South line and 990 feet from the West line				
Ground Level Elev. 4018.4	Producing Formation Queen	Pool Vest Ranch-On-Assoc.	Dedicated Acreage 40	

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.

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ARTESIA, NEW MEXICO



CERTIFICATION

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

Leon M. Lampert
Leon M. Lampert

Geologist

Dalport Oil Corp.

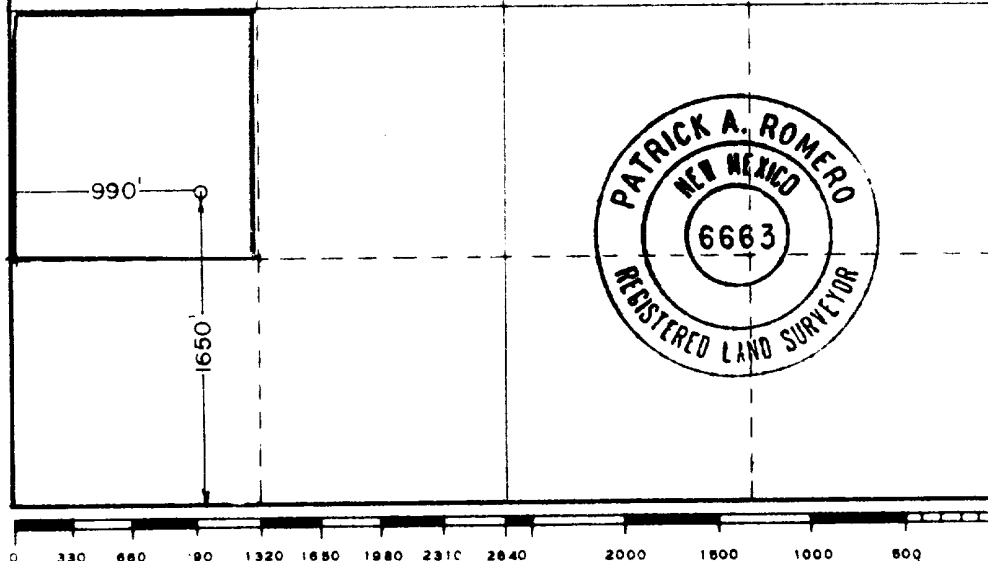
4-30-80

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
April 24, 1980

Registered Professional Engineer:
and/or Land Surveyor

Patrick A. Romero
Certificate No. **JOHN W. WEST 676**
PATRICK A. ROMERO 6663
Ronald J. Eidson 3239



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OIL CONSERVATION DIV.

DALPORT OIL CORPORATION

1134 THE 600 BUILDING

CORPUS CHRISTI, TEXAS 78401

APPLICATION FOR DRILLING

CODE 512-882-7863

Dalport Oil Corporation
#2 Holbrook-Federal "B"
1650' FS & 990' FW, Sec. 9, 15S-30E
Chaves County, New Mexico
Lease: NM 0493690

In conjunction with Form 9-331C, Application for Permit to Drill subject well, Dalport Oil Corporation submits the following items of pertinent information in accordance with USGS requirements.

1. The geologic surface information is Mescalero Sands of Recent age.

2. The estimated tops of geologic markers are as follows:

Rustler	600'
Salado	690'
Tansill	1410'
Yates	1500'
Seven Rivers	1610'
Queen	2260'

3. The estimated depths at which anticipated water, oil, or gas formations are expected to be encountered:

Water: No water is anticipated based on cable tool holes in the area.
Oil: Queen at approx. 2260 feet.
Gas: None

4. Proposed Casing Program: See Form 9-331C.

5. Pressure Control Equipment: See Form 9-331C and Exhibit "E".

6. Mud Program: See Form 9-331C.

7. Auxiliary Equipment: Blowout Preventer.

8. Testing, Logging and Coring Program:

Drill Stem Test: 1 in the Queen at approx. 2250'
Coring: 1 in the Queen at approx. 2250'
Logging: Gamma-neutron log after casing is set

9. No abnormal pressures are anticipated. Maximum anticipated bottom hole pressure should be 400# in the Queen.

10. Anticipated starting date: 6/1/80

Anticipated completion date: Approx. 14 days after starting date.

SURFACE USE PLAN

DALPORT OIL CORP. #2 HOLBROOK-FEDERAL B
1650' FSL & 990' FWL, Sec. 9, 15S-30E
CHAVES COUNTY, NEW MEXICO
LEASE NM 0493690
VEST RANCH-QUEEN ASSOCIATED

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ARTESIA, NEW MEXICO

1. EXISTING ROADS: For relationship within 3 miles of Dalport #1 Holbrook-Fed "B" Exhibits "A" and "B". From Roswell go to Hagerman, turn east on Highway #31 for 24½ miles. Turn south at Texas Co. sign, go 1/4 mile, turn east 3/4 mile to #1-C pump. Turn north 1320' to location.
2. PLANNED ROADS: Refer to Exhibit "C". (No cattle guards) Approximately 1320' of new 12-foot wide caliche road, 6" thick. No culverts or special drainage features are necessary. New road is colored red. Existing caliche ranch road is colored blue and may be bladed on rough spots. The centerline of the proposed new access road has been staked and flagged. Road will extend from east side of Dalport #1 Holbrook-Fed "B" in SW SW Sec. 9, to east side of drilling pad, 1650' FS & 990' FWL Sec. 9 (Exhibit "D").
3. LOCATION OF EXISTING WELLS: Exhibit "A". Nearest production is 990' to the south.
4. TANK BATTERIES, PRODUCTION FACILITIES AND LEASE PIPELINES: There is no oil pipeline in vicinity. Our proposed battery will be in SW SW Sec. 9, approximately 1100' FSL. Oil will be trucked (Exhibit "C").
5. WATER SUPPLY: Water will be trucked from nearest commercial source.
6. CONSTRUCTION MATERIAL: Construction materials will be hauled along existing road to proposed new road and drillsite. See Exhibit "A". Caliche will be obtained from pit in Sec. 16 approximately 500' FN and WL (Exhibit "C").
7. WASTE DISPOSAL: Exhibit "D". Well cuttings will be disposed of in reserve pit. Barrel trash containers to be in accessible locations within drillsite area during drilling and completion procedures. All detrimental wastes will be hauled away, burned, or buried with a minimum cover of 36" of dirt. If well is productive, maintenance waste will be placed in special trash cans and hauled away periodically. Any produced water will be collected in tanks until hauled to an approved disposal system. No waste water pits will be constructed without prior approval of the U.S.G.S.
8. ANCILLARY FACILITIES: No camps, airstrips, etc. will be constructed.
9. WELLSITE LAYOUT: See Exhibit "D".
 - A. Mat size - 200' X 170'.
 - B. Cut and fill - location is rolling and will be cut and filled as necessary.
 - C. Proposed tank battery, 500' NE of #1-B Holbrook, approximately 65' X 30' - on east side of road. Small pit to east of battery.

C. Reserve Pit - approximately 110' x 70' to north of mat.

10. RESTORATION OF SURFACE: If well is productive, pits will be back-filled and leveled as soon as practical. All plastic lining and other waste material will be removed or buried with at least 36" of cover. At time of final abandonment other U.S.G.S. and B.L.M. restoration stipulations will be complied with.

11. OTHER INFORMATION :

A. Setting and Environment

Terrain - low rolling sand hills. See Exhibit "B", Topographic Map of Area.

Soil - sandy, hard dirt.

Vegetation - sparse, being mostly grease woods, shinnery, and other semi-desert plants with very little grass.

Distance to nearest ponds and streams - no surface waters within 1/2 mile.

Water wells - none within 1/2 mile.

Residences and buildings - none within 1/2 mile.

Arroyos, canyons, hills, etc. - outside of low rolling sand hills, there are no surface features within 1/2 mile. See Exhibit "B".

Surface use - grazing, some hunting.

Effect on environment - drillsite is nearly flat, semi-arid country, is in a low environmental risk area. The total effect of drilling and producing this and other wells in this area would be minimal.

B. Surface Ownership

The proposed drillsite is on federal surface with a grazing lease issued to Bogle Farms. All new and reconstructed roads are also on federal surface.

C. Open Pits

All unattended pits containing mud or other liquids will be fenced.

D. Well Sign

Identification and location sign will be maintained at drillsite commencing when well is spudded.

12. OPERATOR'S REPRESENTATIVES:

Field personnel who can be contacted concerning surface use plan are:

Billy John Smith
1912 Oak Street
Artesia, New Mexico 88210

Home Phone: (505) 746-4358

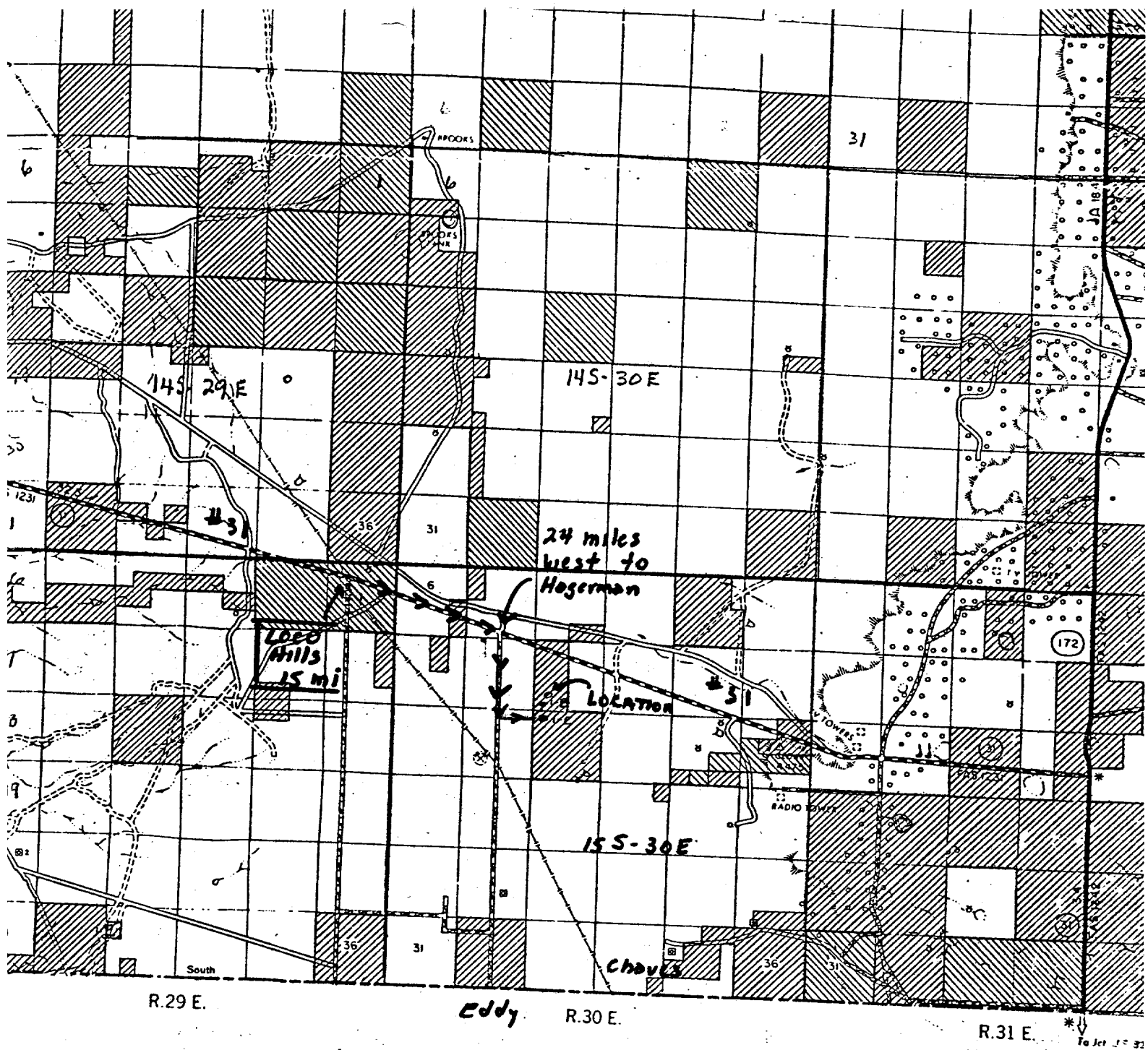
A. C. Magee
3304 Trailing Heart Road
Roswell, New Mexico 88201

Home Phone: 623-5868
Mobile Phone: 676-3330

13. CERTIFICATION: I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by Dalport Oil Corp. and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. A copy of this plan will be posted at the wellsite during the drilling of the well for reference by all contractors and subcontractors.

4-29-80
Date

Leon M. Lampert
Leon M. Lampert, Geologist



N T Y

Exhibit A

Surface Use Plan

Highway map

Note:

From Hegerman
 24 mi east on # 31,
 turn south at wide
 coliche Road (Tajero sign)
 1 1/4 mi south.
 East 3/4ths mi to
 I-C Pump. North
 1/2 mi to Loc.

Existing
 Access Road

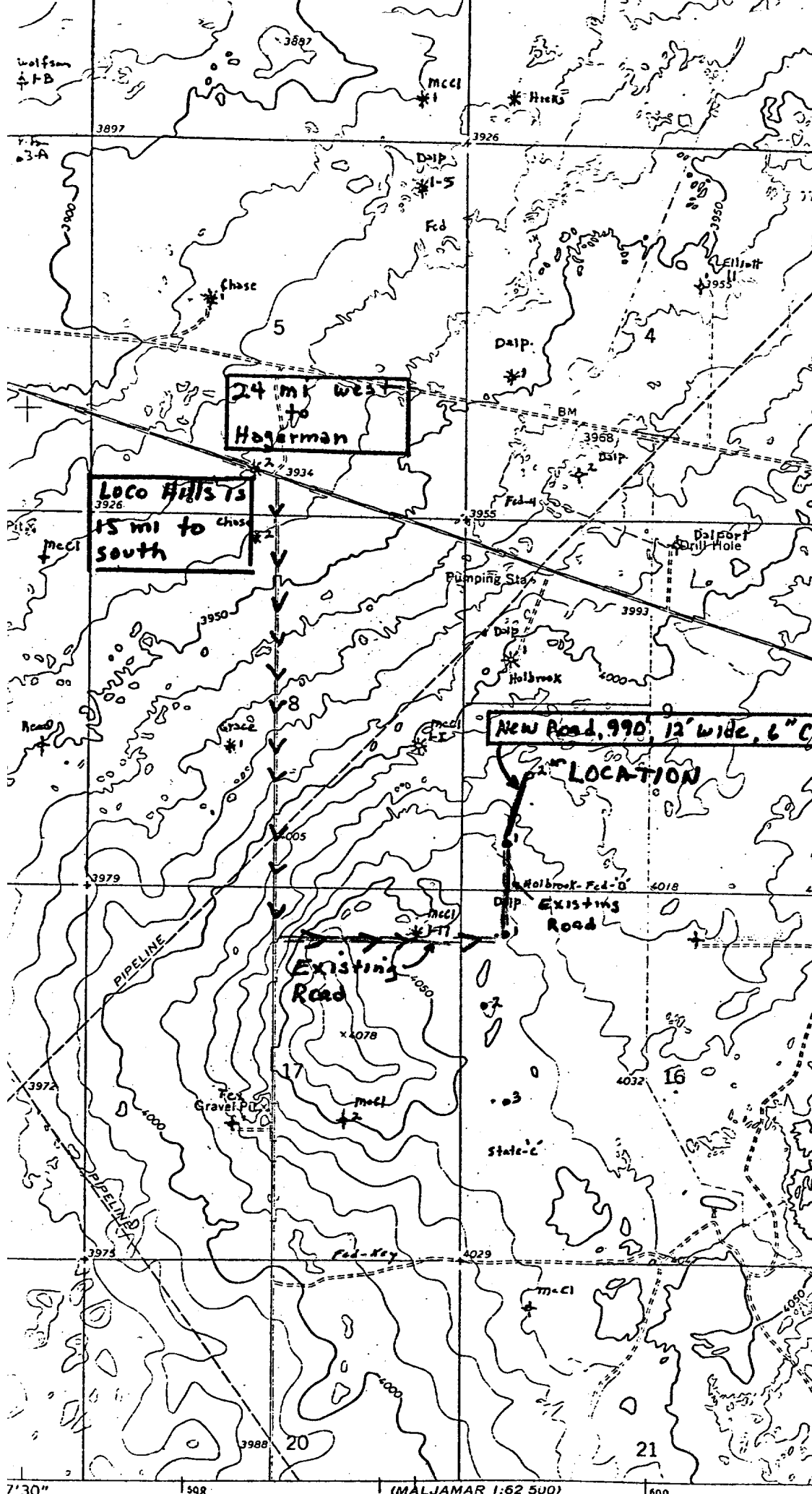




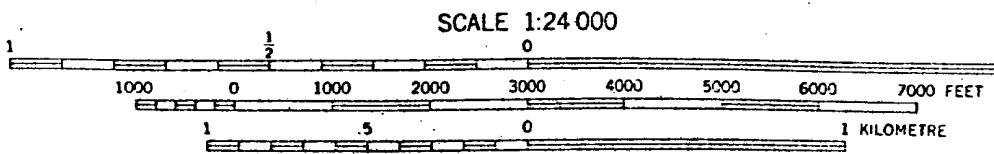
Exhibit B

Surface Use Plan

Topographic map

-  EXISTING Access Road
-  Proposed new Road
Caliche, 990', 12' wide
6" thick

Note: From Loco Hills, go north 15 mi; east on #31 2 miles, turn South on wide Caliche road 1 1/4 mi. Turn east 3/4ths mile to #1-c pump jack. Turn north 1/2 mi.



CONTOUR INTERVAL 10 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

SURFACE USE PLAN

DALFORT OIL CORP # 2 Holbrook - federal - B

TOWNSHIP

RANGE

COUNTY

Chaves

R 30 E

5

4

Dalport
+2
Fed-4

+1 Dalport
Story

Hwy #31

NM 0554963

Dalport
*1

Holbrook-Fed

Dalport

NM 0493690

2 LOCATION

NM 0654965

990' new caliche
road, 12' wide
6" thick

Proposed Tank battery
approx 65' x 30'
east side of road

Holbrook-Fed-B

Caliche
Pit

Dalport

McClellan

1-17

1-C

Existing Caliche Road

2-C

NM 0554966

3-C

L-245

"State"

EXHIBIT C

Surface Use Plan

17

16

Layout

Existing Access Road



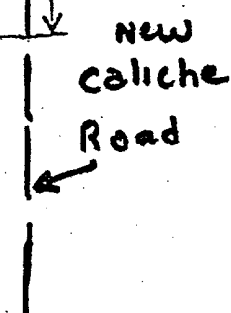
Proposed new Road



Location



Tank battery



- Schaeffer Type E 10" Series 900 Hydraulic BOP. The waste and debris from this well will be disposed of in a reserve pit and covered up.

Surface Use Plan



SHAFFER HYDRAULIC BLOWOUT PREVENTERS

(Patented)

TYPE B and TYPE E PREVENTERS

Shaffer Type B and Type E Blowout Preventers are similar in basic design and construction, except that the Type B has a *non-rising* locking shaft (for applications where end dimensions must be kept to a minimum) —and the Type E has a *rising* locking shaft (to provide quick indication of ram position where end dimensions

are not critical). Externally, the only visual difference between the two designs is in the end caps, as shown in Fig. 52 and 53. Internally, there are differences in the locking shaft parts, as shown in the exploded views, Figs. 58 and 61.

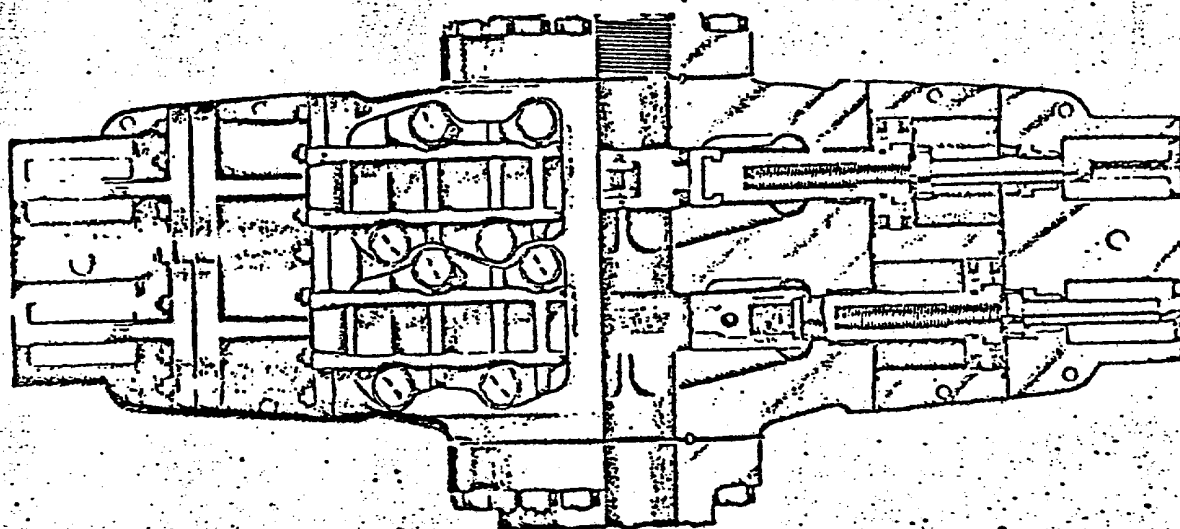


Fig. 52

Shaffer Type B Hydraulic Double Blowout Preventer—Front View

10" Shaffer Type B Series 900, Double Hydraulic w/Payne Closing Unit. SIDE DOOR RAM CHANGES

In Type B and Type E Preventers, access to the ram compartments is through heavily-ribbed side doors, which are hinged and bolted to the body. The doors are fitted with adequate packing to amply withstand the pressure rating of the Preventer, and are opened by simply loosening four cap screws in each door, whereupon they can be readily swung open. The cap screws remain in the door when opened, eliminating risk of losing or misplacing them.

Each side door incorporates a horizontal guide which, in conjunction with integral guides in the opposite side of the body, holds the ram assemblies in accurate horizontal alignment when the doors are closed. Therefore, the ram assemblies are automatically centered in the

bolting the doors. Note in Figs. 15 through 18, Page 4347, the ease with which rams are changed through the side-opening doors.

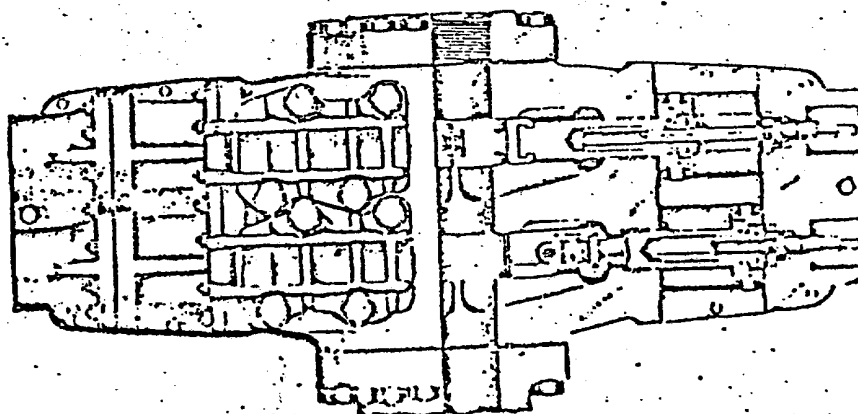


Fig. 53

Shaffer Type E Hydraulic Double Blowout Preventer—Front View