

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

David Fasken

3. ADDRESS OF OPERATOR

608 First National Bank Building, Midland, Texas 79701

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

At surface

435' FWL & 1180' FSL

At proposed prod. zone

435' FWL & 1180' FSL

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

5-1/2 miles N.W. of Carlsbad, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

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

435'

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

None

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

3184'

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8"	48#	350'	300 sxs.
12-1/4"	8-5/8"	24# & 32#	4,300'	1000 sxs.
7-7/8"	5-1/2"	17# & 20#	11,250'	650 sxs.

1. Drill 17-1/2" hole to 350' with spud mud. Set & cement 13-3/8" casing.
2. Install Shaffer 12" X 3000 W.P. type "E" hydraulic double ram B.O.P.
3. Drill 12-1/4" hole to 4300' with fresh water. Set & cement 8-5/8" casing. Test casing to 2000 psig.
4. Install 10" X 12" spool, choke manifold, 12" X 3000 W.P. Shaffer type "E" double ram B.O.P. & Hydril 10" X 3000 W.P. "GK" B.O.P.
5. At 8000' install mud-gas separator, automatic choke, rotating head, pit volume totalizer and flow sensor. Run Yellow Jacket hydraulic test of B.O.P. stack and wellhead.
6. Drill 7-7/8" hole 4300' to 11,250' using brine and low solids mud as needed.
7. D.S.T. all pay zones and run electric logs.
8. Set and cement 5-1/2" casing.
9. Perforate and test pay zone.

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 measurements and true vertical depths. Give blowout preventer program, if any.

24.

James B. Henry

SIGNED

TITLE

Agent

DATE

Feb. 24, 1975

(This space for Federal or State office use)

PERMIT NO.

SUBJECT TO ATTACHED DEEP WELL CONTROL

REQUIREMENTS DATED

JUN 22 1973

TITLE

Subject to NMOC approval
and U.S.G.S. approval of
communication agreement
13 3/4" casing to Redoubt

DECLARED WATER BASIN

*See Instructions On Reverse Side

NOTIFY USGS IN SUFFICIENT TIME TO

CEMENT BEHIND THE

WITNESS CEMENTING THE 8 1/2" CASING

THIS WORK
ARE NOT COMPLETED WITHIN 3 MONTHS.
JUN 26 1975

Copy 6 SF
30-015-21503

RECEIVED

MAR 28 1975

O. C. C.

Eddy

New Mexico

NO. OF ACRES IN ARTESIAN FIELD OF ACRES ASSIGNED TO THIS WELL

1400

320

19. PROPOSED DEPTH

11,250'

20. ROTARY OR CABLE TOOLS

Rotary

22. APPROX. DATE WORK WILL START*

April 10, 1975

NSL-701
3-18-75

RECEIVED
FEB 26 1975
U.S. GEOLOGICAL SURVEY
ARTESIAN NEW MEXICO

APPROVED
MAR 26 1975

T. L. BEEKING
ACTING DISTRICT ENGINEER

Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

NEW MEXICO OFFSHORE CONSERVATION COMMISSION
ARTESIA PLAT ON AN AVALON DEDICATION PLAT

Form 1-1972
Supersedes 1-1962
Effective 1-1-72

DAVID FASKEN

LAKE FEDERAL

Well No. 1

U

3

21 South

26 East

County

Eddy

1180

South

435

feet from the

West

line

3184'

Morrow

Undesignated Avalon Morrow

Dedicated Acres: 320

Acres

The acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.

If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, lease pooling, etc.?

X Yes No If answer "Yes" type of consolidation W.I. Unit (per Avalon Working Int. Unit)

If answer "Yes" list the owners and their descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)

If the well will be assigned to the well until all interests have been consolidated (by communitization, unitization, lease pooling, etc.) otherwise, for until a cor. standard unit, communitizing such interests, has been approved by the Commis-

CERTIFICATION

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

Name

James B. Henry

Position

Agent

Company

David Fasken

Date

February 24, 1975

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

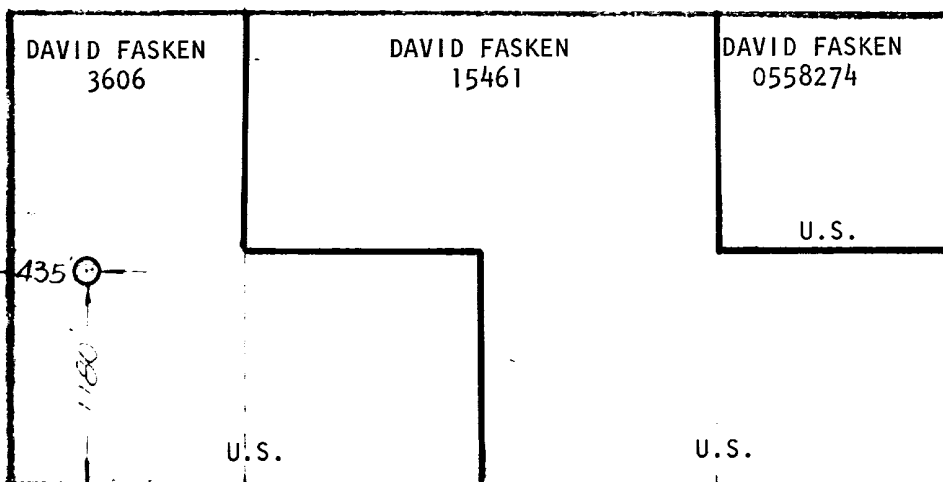
Date Surveyed

February 24, 1975

Registered Professional Engineer
and/or Land Surveyor

Certificate No.

1559



DEVELOPMENT PLAN FOR SURFACE USE

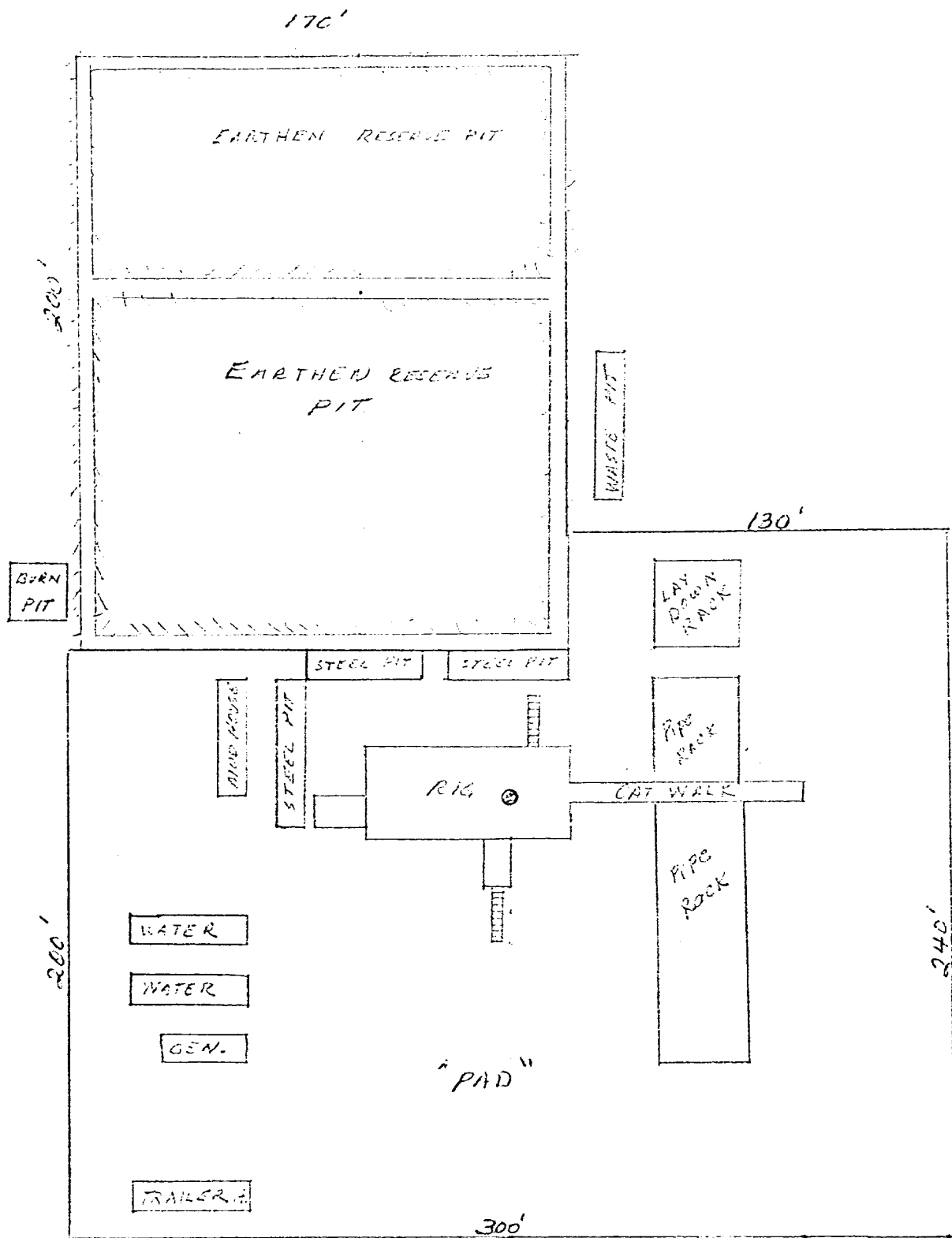
for the

DAVID FASKEN

Lake Federal No. 1

435' FWL & 1180' FSL
Sec. 3, T-21-S, R-26-E
Eddy Co., New Mexico

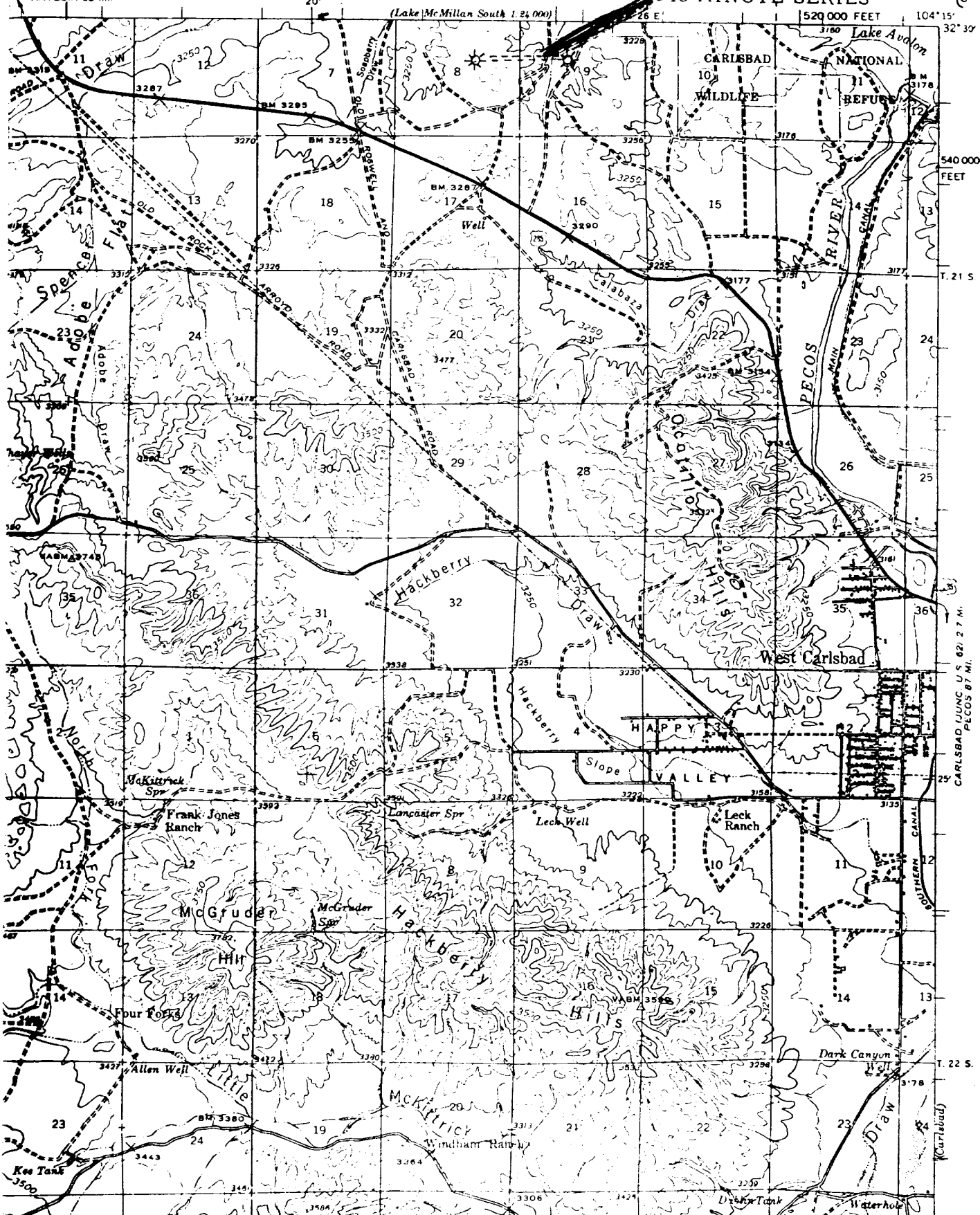
1. The attached map "Area Roads and Locations" shows the existing and proposed roads and locations in the area.
2. The attached drawing "Location Diagram" shows the location layout. The location is in greasewood with gravelly soil.
3. Water will be supplied by a water well.
4. All waste disposal except drilling fluids will be immediately buried. Drilling fluid wastes will be into temporary pits which will be filled in later.
5. Mud pits will be stirred and allowed to dry. The pits and location will then be levelled.
6. If the well is a producer, a supplemental location diagram will be furnished showing surface production equipment.



HENRY ENGINEERING
MIDLAND, TEXAS

DAVID FASKEN
LAKE FEDERAL No. 1
RIG & WELL SITE PLAT

104° 15' 32" 30'



HENRY ENGINEERING

SUBJECT BLOWOUT PREVENTER

FILE: _____

STACK

DATE: _____

ENGINEERING MEMORANDUM

