

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

RECEIVED
PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒

GAS
WELL ☐

OTHER

SINGLE
ZONE ☐

MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Bass Enterprises Production Co.

3. ADDRESS OF OPERATOR

P.O. Box 2760 Midland, TX. 79702

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

At surface

460' FSL & 330' FWL Section 6 T21S-R28E Eddy Co NM

At proposed prod. zone

Same as above

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

+
- 10 Miles NE of Carlsbad NM

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

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

330'

16. NO. OF ACRES IN LEASE

1520.40

17. NO. OF ACRES ASSIGNED

TO THIS WELL

40.20

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,

OR APPLIED FOR, ON THIS LEASE, FT.

3000'

19. PROPOSED DEPTH

5725'

20. ROTARY OR CABLE TOOLS

Rotary

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

3190.1 GL

22. APPROX. DATE WORK WILL START*

Upon Approval

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	600'	800 SX CIRCULATE
12 1/4	8 5/8"	24	2550'	900 SX CIRCULATE
7 7/8	5 1/2"	14	5725'	565 SX

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

Troy J. Bevers

TITLE Drilling Engineer Asst.

DATE 9/28/87

(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

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

22-AF

RECEIVED

OCT 5 9 16 AM '87

CARLSBAD DISTRICT OFFICE
AREA HEADQUARTERS

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 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.

NOTICE

The Privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et seq., 25 U.S.C. 396; 43 CFR Part 3160.

PRINCIPAL PURPOSE: The information is to be used to process and evaluate your application for permit to drill, deepen, or plug back an oil or gas well.

ROUTINE USES: (1) The analysis of the applicant's proposal to discover and extract the Federal or Indian resources encountered. (2) The review of procedures and equipment and the projected impact on the land involved. (3) The evaluation of the effects of proposed operation on surface and subsurface water and other environmental impacts. (4)(5) Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions, as well as routine regulatory responsibility.

EFFECT OF NOT PROVIDING INFORMATION: Filing of this application and disclosure of the information is mandatory only if the lessee elects to initiate drilling operations on an oil and gas lease.

The Paperwork Reduction Act of 1980 (44 U.S.C. 3501 et seq) requires us to inform you that:

This information is being collected to allow evaluation of the technical, safety, and environmental factors involved with drilling for oil and/or gas on Federal and Indian oil and gas leases.

This information will be used to analyze and approve applications.

Response to this request is mandatory only if the lessee elects to initiate drilling operations on an oil and gas lease.

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

EXHIBIT "A"

Owner Perry R. Bass		Lease B/E Eddy Unit		Well No. 112
Section 6	Township 21 South	Range 18 East	County Eddy	
Actual Well Location of Well: _____ feet from the _____ line and _____ feet from the _____ line				
Ground Level Elev. 3100.1	Producing Formation Bone Spring	Pool E. Avalon Bone Spring	Dedicated Acreage 40.20 Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hatchure 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, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

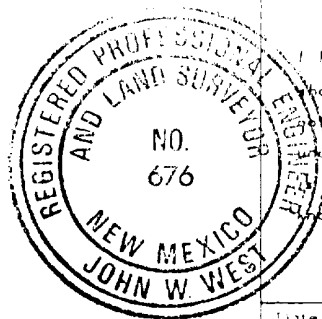
If answer is "no," list the owners and tract descriptions which have actually been consolidated (Use reverse side of this form if necessary.) _____

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.

Elevations on 400' x 400' Well Pad:

NE Cor. = 3188.0
NW Cor. = 3189.5
SE Cor. = 3189.1
SW Cor. = 3190.0

Lot 4	Lot 3	Lot 2	Lot 1



CERTIFICATION

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

W. J. Bass
Drilling Engineer Asst.
Bass Enterprises Prod. Co.
P.O. Box 2760 Midland 79702
Date 9/28/57

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.

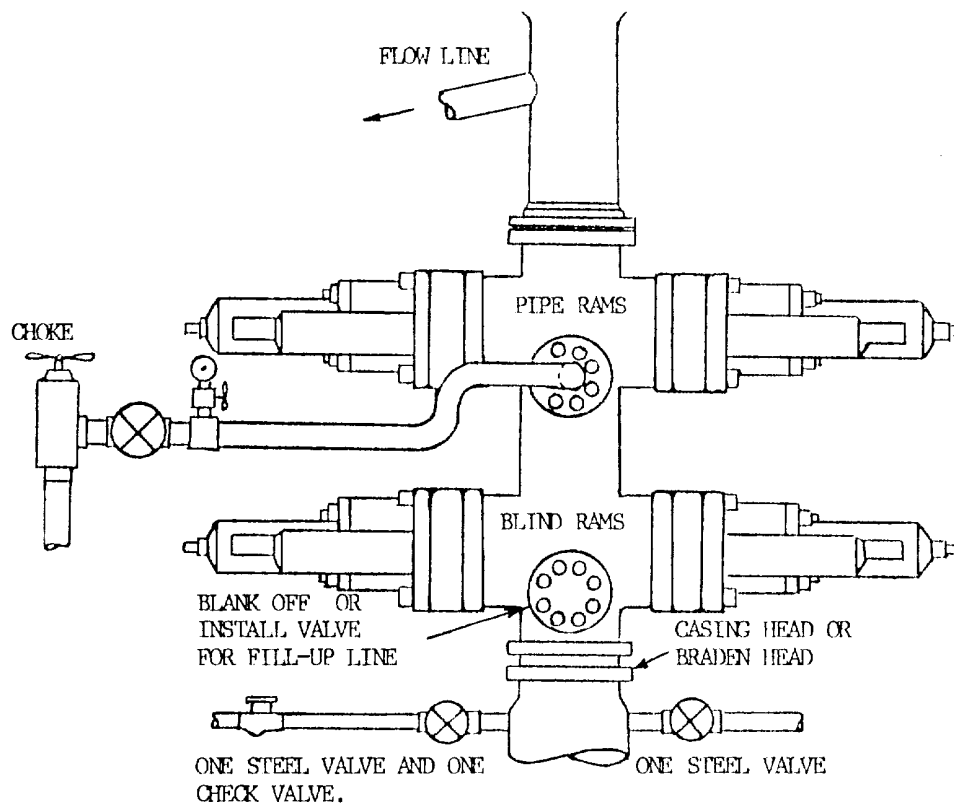
Date Surveyed
September 9, 1987
Registered Professional Engineer and Land Surveyor
John W. West
Certificate No. JOHN W. WEST 676
Ronald J. Eldon 3239

Scale: 1" = 2000'

F. Manual controls to be installed before setting down plug.

G. Valve to control flow through drill pipe to be located on rig floor.

H. Choke may be either positive or adjustable. Choke spool may be used between rams.



THE FOLLOWING CONSTITUTE MINIMUM BLOWOUT PREVENTER REQUIREMENTS

- A. One double gate blowout preventer with lower rams blind and upper rams for pipe, all hydraulically controlled.
- B. Opening on preventers between rams to be flanged, studded or clamped and at least two inches diameter.
- C. All connections from operating manifold to preventers to be all steel hose or tube a minimum of one inch in diameter.
- D. The available closing pressure shall be at least 15% in excess of that required with sufficient volume to operate (close, open, and re-close) the preventers.
- E. All connections to and from preventers to have a pressure rating equivalent to that of the BOP's.
- F. Manual controls to be installed before drilling cement plug.
- G. Valve to control flow through drill pipe to be located on rig floor.
- H. Choke may be either positive or adjustable. Choke spool may be used between rams.

REPOD II

ONE HYDRAULIC DUAL BLOWOUT PREVENTER

NAME OF WELL: Big ldy Unit #112

LOCATION: 460' FSL & 330' FWL, SECTION 6, T21S, R28E, EDDY COUNTY, NM

POINT 1: ESTIMATED FORMATION TOPS

(See No. 2 below)

POINT 2: WATER, OIL, GAS AND/OR MINERAL BEARING FORMATIONS

Anticipated formation tops: Estimated KB 3192'

Estimated GL 3180'

<u>FORMATION</u>	<u>ESTIMATED TOP FROM KB</u>	<u>ESTIMATED SUBSEA TOP</u>	<u>BEARING</u>
B/Rustler	832'	+2360	Water
T/Capitan Reef	1202'	+1990	Water
B/Capitan Reef & T/ Delaware Mtn. Group	2717'	+ 475	Oil/Gas/Wtr
T/Old Indian Draw	2867'	+ 325	Oil/Gas
T/49'r	3072'	+ 120	Oil/Gas
T/"4450" Sand	4392'	-1200	Oil/Gas
T/"4900" Sand	4872'	-1680	Oil/Gas
T/Bone Spring Formation	5504'	-2312	Oil/Gas
T/Bone Spring Sand	5607'	-2415	Oil/Gas
TD	5725'	-2533	Oil/Gas

POINT 3: CASING PROGRAM

Casings:

<u>TYPE</u>	<u>INTERVALS</u>	<u>PURPOSE</u>	<u>CONDITION</u>
20"	0- 40'	Conductor	Contr Discretion
13-3/8" 46#/ft H-40 ST&C	0- 600'	Surface	Class "B" Used
8-5/8" 24#/ft K-55 ST&C	0-2550'	Intermed.	New
5-1/2" 14#/ft K-55 ST&C	0-5725'	Production	New

POINT 4: PRESSURE CONTROL EQUIPMENT (SEE ATTACHED BEPCo II BOP DIAGRAM)

A BOP equivalent to a BEPCO II, furnished by contractor should be nipped up on the surface casinghead and the intermediate casinghead. The entire BOP stack, choke, kill lines, kelly cock, kelly safety valve and inside blowout preventer should be tested to the rated working pressure of the preventer or casinghead, whichever is less. Both a low pressure (200 psi) and a working pressure test are required:

- a) Upon initial installation
- b) After any component changes

A function test to insure that the preventers are operating correctly should be performed on each trip, but not more than once per day.

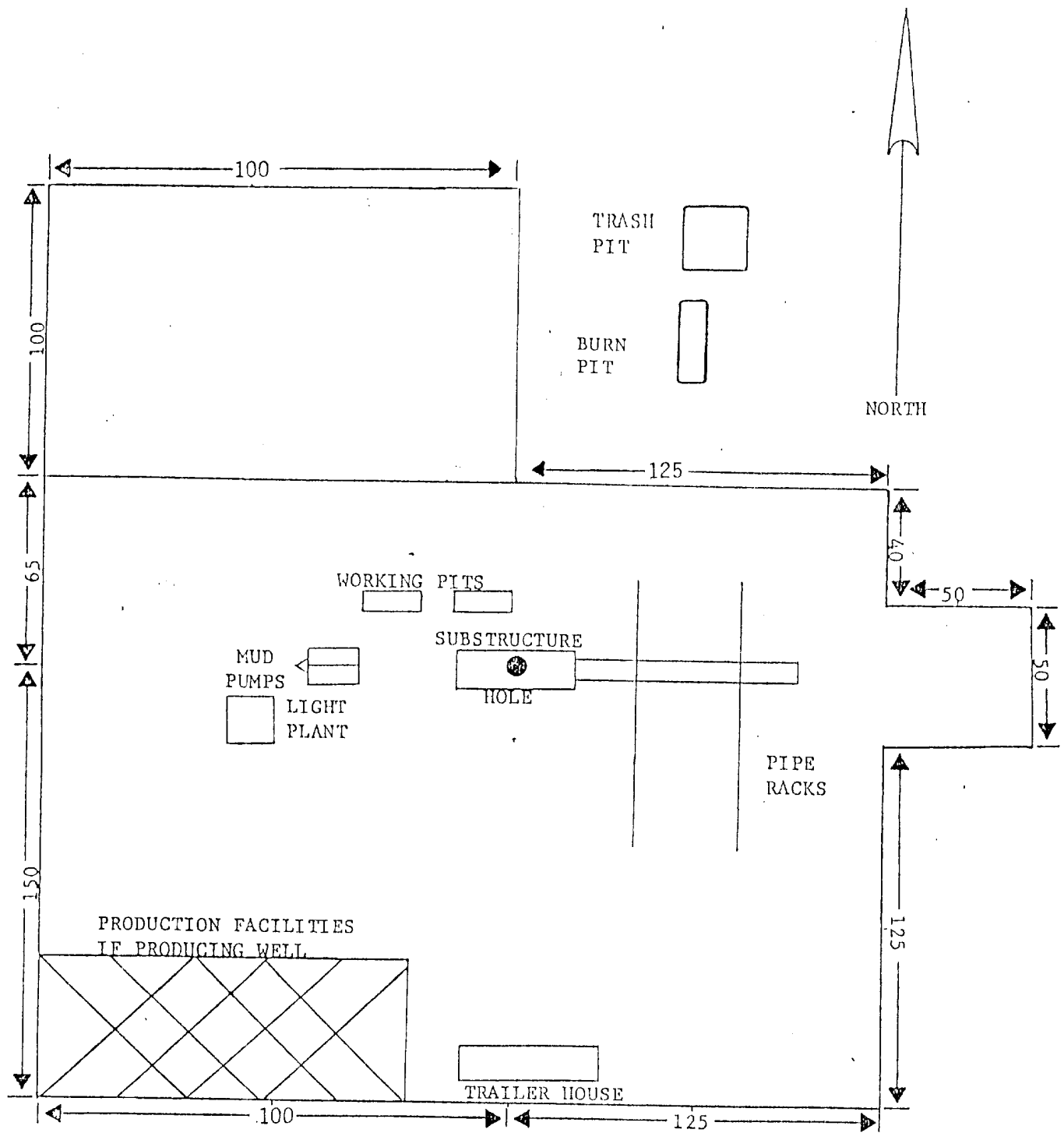


EXHIBIT "D"