

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

HMA Production Co.

## 3. ADDRESS OF OPERATOR

c/o Oil Reports &amp; Gas Services, Inc., Box 763, Hobbs, NM 88240

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

At surface

2310' FSL &amp; 330' FEL of Sec. 35

At proposed prod. zone

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

3 miles Northwest of Jal, New Mexico

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any)

330'

## 18. DISTANCE FROM PROPOSED LOCATION\*

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

467'

## 16. NO. OF ACRES IN LEASE

80

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

40

## 19. PROPOSED DEPTH

3200

## 20. ROTARY OR CABLE TOOLS

Rotary

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

## 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
12 1/4	8 5/8	20#	425 800	200 sacks circulated
7 7/8	5 1/2	15.5#	3200	400 sacks

Blowout Preventor: See attached diagram.

Mud Program: 0 to 425', spud with flosal, bentonite & lime mixed to a high viscosity; 425' to 2900', drill out with fresh water & circulate thru controlled section of reserve pit, control seepage with additions of Flosal & paper; 2900' to 3200', return to steel pits & reduce fluid loss to 20 cc or less with starch, maintain weight 10.2#, viscosity 34 to 36, preservative when needed.

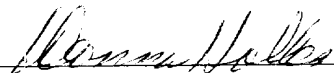
Cement Program: (1) 200 sacks class "C", 2% calcium chloride, circulated.  
(2) 400 sacks class "H", 1/4# flosal/sack, 2% calcium chloride, estimated fill 1200'.

Completion: Conventional perforation &amp; treatment.

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

Agent

DATE

9/29/75

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED  
AS AMENDED  
OCT 23 1975  
ARTHUR R. BROWN  
DISTRICT ENGINEER

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

JAN 23 1975

\*See Instructions On Reverse Side

## 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.

U. S. GPO 782-931

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U. S. CONSERVATION COMM.  
WOPPS, D. M.

**NEW MEXICO OIL CONSERVATION COMMISSION**  
**WELL LOCATION AND ACREAGE DEDICATION FORM**

Form C-102  
 Supersedes C-128  
 Effective 1-1-65

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

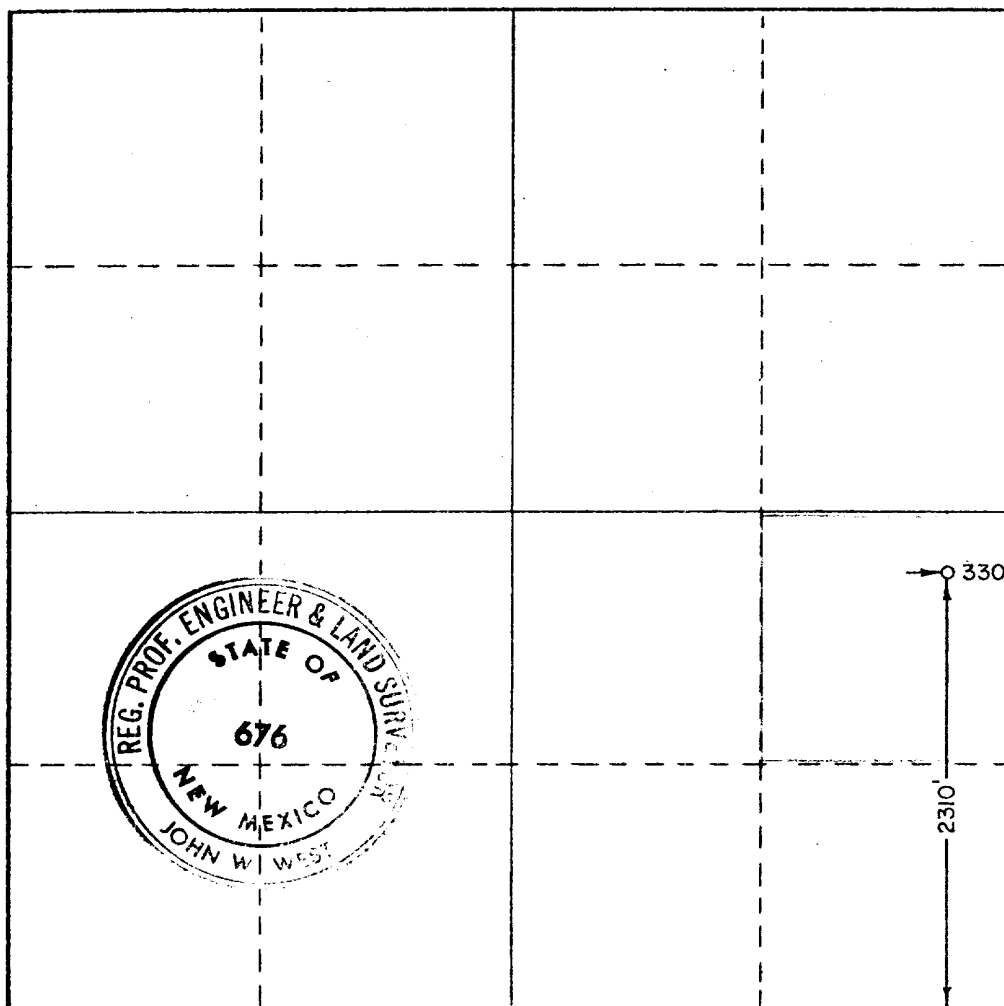
Operator <b>HMA Production Company</b>			Lease <b>Cities Service Federal</b>		Well No. <b>3</b>
Unit Letter <b>I</b>	Section <b>35</b>	Township <b>24 South</b>	Range <b>36 East</b>	County <b>Lea</b>	
Actual Footage Location of Well: <b>2310</b> feet from the <b>South</b> line and <b>330</b> feet from the <b>East</b> line					
Ground Level Elev. <b>3261.9</b>	Producing Formation <b>Yates - Seven Rivers</b>		Pool <b>Jalmat</b>	Dedicated Acreage: <b>40</b> Acres	

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.



**CERTIFICATION**

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

Name  
*John W. West*  
 Position  
**Agent**

Company  
**HMA Production Company**

Date  
**September 29, 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  
**September 28, 1975**

Registered Professional Engineer and/or Land Surveyor

*John W. West*  
 Certificate No. **676**





OCT 28 1976

OIL CONSERVATION COMM.  
HOBBS, N. M.

Attachment: Form 9-331 C  
HMA Production Company  
Cities Service Federal No. 3  
Section 35, T24S, R36E  
Lea County, New Mexico

DEVELOPMENT PLAN FOR SURFACE USE

1. Existing roads: See attached plat
2. Planned access roads: 467' of road from well no. 2 to well no. 3  
Drilling pad to be 130' x 220'.
3. Location of existing wells: See attached plat
4. Lateral roads: See attached plat
5. Location of tank batteries and flow lines: See attached plat
6. Location and type of water supply: Fresh water for drilling  
purposes to be hauled from Jal, New Mexico
7. Methods for handling waste disposal: All cutting, garbage and  
other trash to be placed in trash pit and covered with 24"  
soil.
8. Location of camps: None
9. Location of airstrips: None
10. Position of rigs: See attached rig layout.
11. Plans for restoration of the surface: Pits to be filled and  
location levelled as per surface owner's specifications.
12. Other information: Location is arid with sparse vegetation

1. The first part of the report is a general introduction to the subject of the study. It discusses the importance of the study and the objectives of the research.

2. The second part of the report is a detailed description of the methodology used in the study.

3. The third part of the report is a detailed description of the results of the study. It discusses the findings of the research and the conclusions drawn from the data.

4. The fourth part of the report is a discussion of the implications of the study.

5. The fifth part of the report is a conclusion and a summary of the findings.

6. The sixth part of the report is a list of references and a bibliography.

7. The seventh part of the report is a list of appendices and a list of figures.

8. The eighth part of the report is a list of tables and a list of figures.

9.

10.

11.

12.

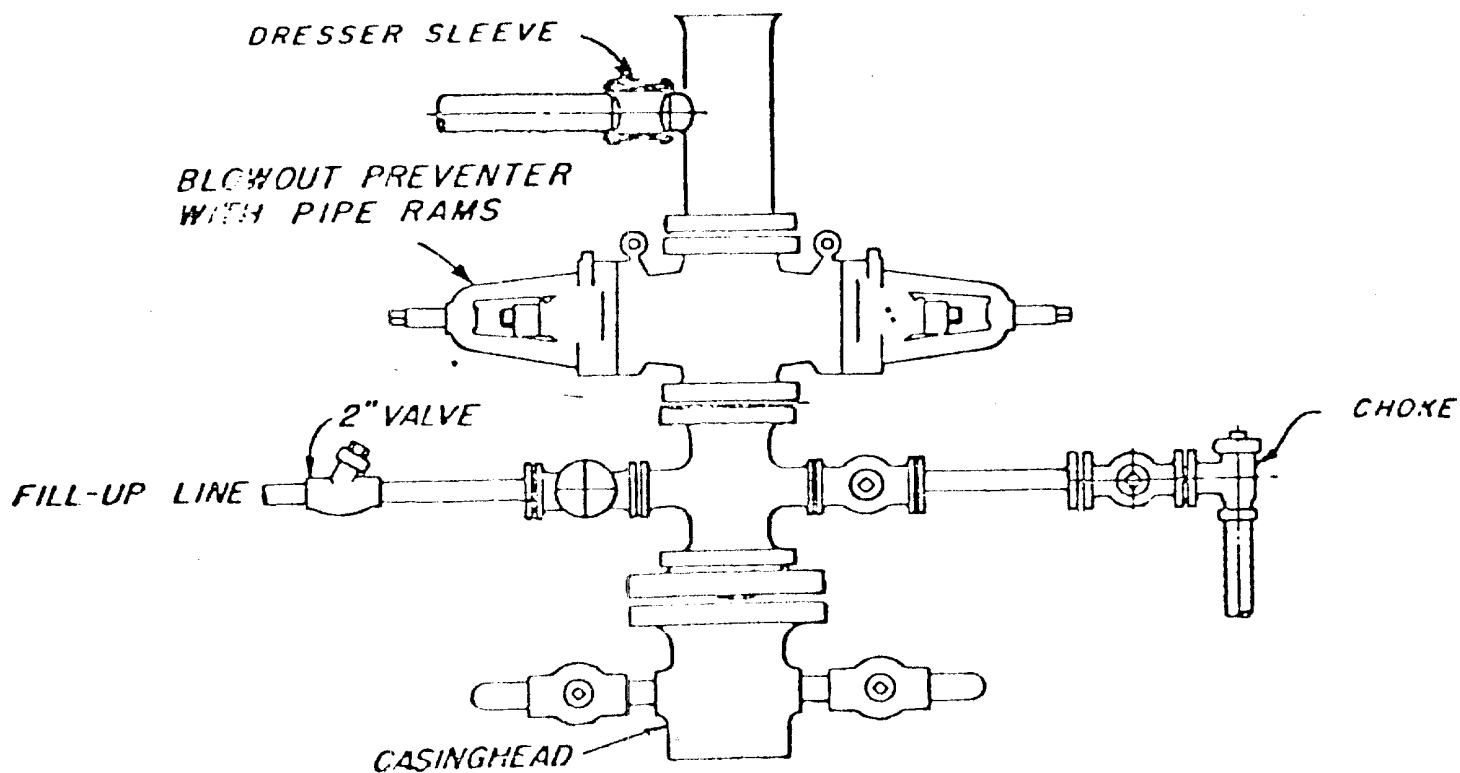
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CC-0 6 199

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1999

SUNDANCE DRILLING CORP.

RIG NO. 1



BLOWOUT PREVENTER HOOK-UP  
2,000 psi Working Pressure

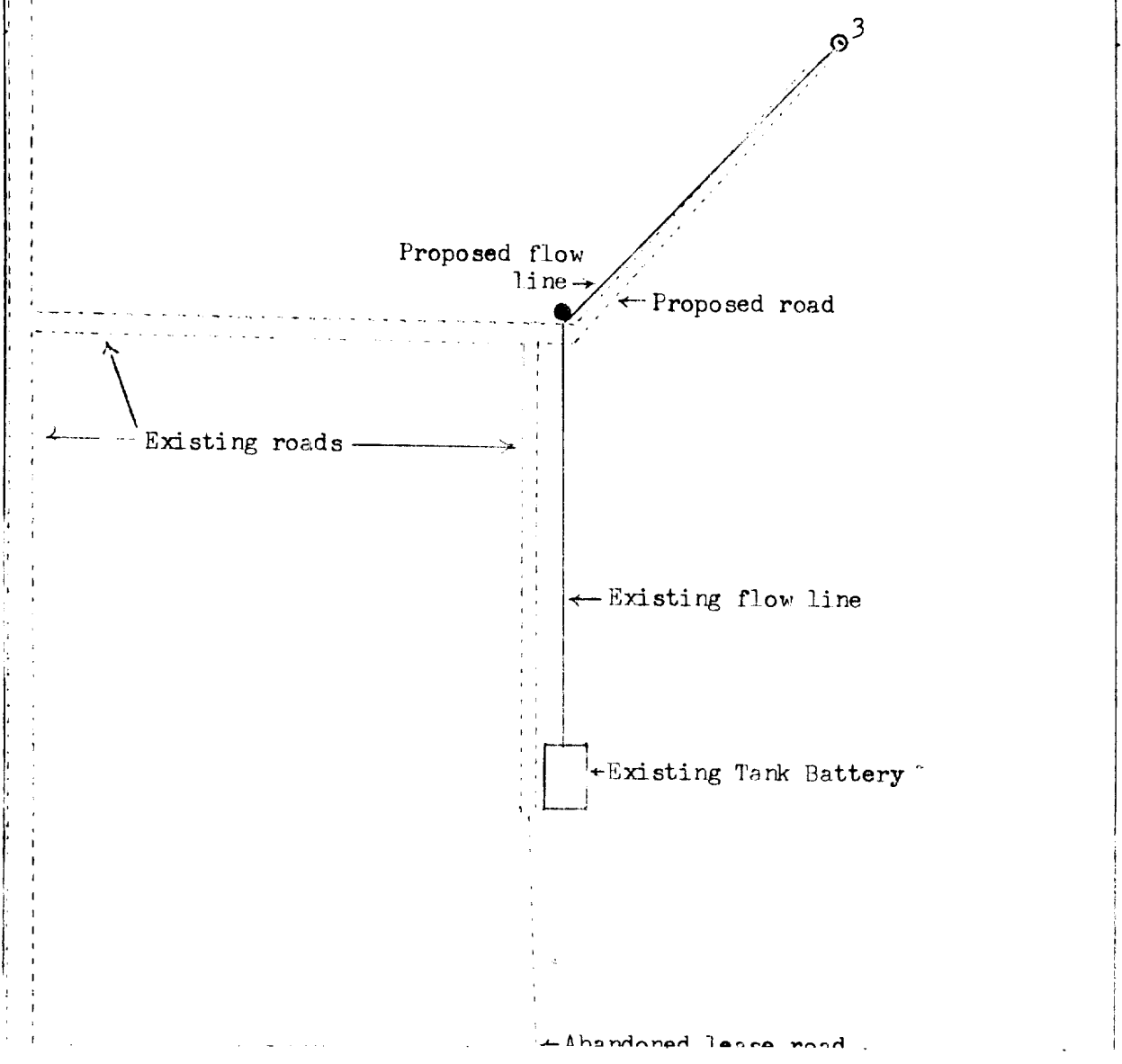
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HOBBS, N. M.



Brass Cap → ①



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