

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 ☐			5. LEASE DESIGNATION AND SERIAL NO. NM-0241		
b. TYPE OF WELL OIL WELL ☐ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐			6. IF INDIAN, ALLOTTEE OR TRIBE NAME		
2. NAME OF OPERATOR ISMA Production Company			7. UNIT AGREEMENT NAME		
3. ADDRESS OF OPERATOR c/o Oil Reports & Gas Services, Inc., Box 763, Hobbs, NM 88240			8. FARM OR LEASE NAME Cities Service Federal		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 990' FSL & 330' FSL of Sec. 35 At proposed prod. zone			9. WELL NO. 4		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 3 miles Northwest of Jal, New Mexico			10. FIELD AND POOL, OR WILDCAT Jalmat		
10. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 330'			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 35, T24S, R36E		
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1044'			12. COUNTY OR PARISH Lee		
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3252.3 GR			13. STATE NM		
16. NO. OF ACRES IN LEASE 80			17. NO. OF ACRES ASSIGNED TO THIS WELL 40		
19. PROPOSED DEPTH 3400			20. ROTARY OR CABLE TOOLS Rotary		
22. APPROX. DATE WORK WILL START* Upon Approval					

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13 3/8	11 3/4	38#	30	30 sx circulated
12 1/4	8 5/8	28#	800	350 sx circulated
7 7/8	5 1/2	15.5#	3400	400 sx

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 3400', 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) 30 sx class "C", 2% calcium chloride, circulated. (2) 390 sx class "C", 2% calcium chloride, circulated. (3) 400 sx class "H", 1/4# flosal/sack, 2% calcium chloride, estimated fill 1200'.

Completion: Conventional perforation & 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

Barry Doherty

TITLE

Agent

DATE

11/3/75

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

FEB 19 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.

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OIL CONSERVATION COMM.
HOODS R. M.

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form No. 1
Supersedes O-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section

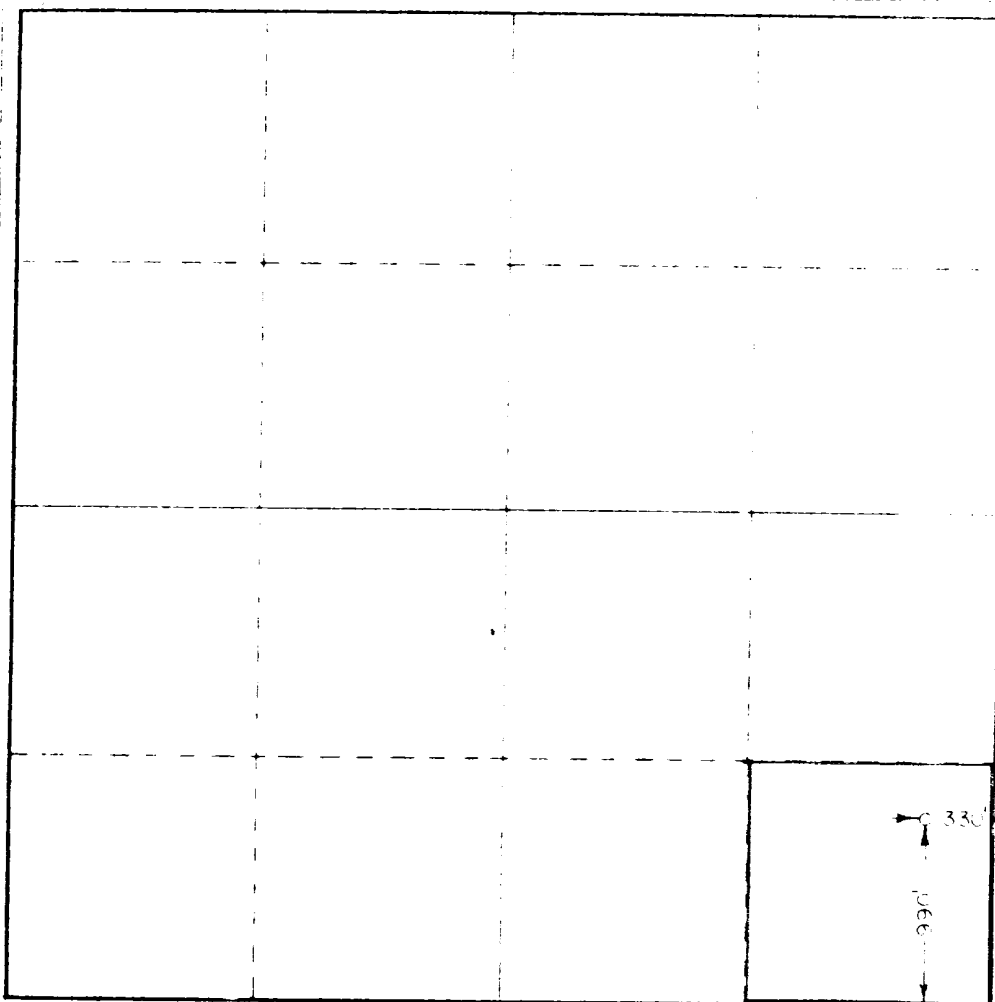
Operator HMA Production Company			Lease Cities Service Federal		Acres 4
Section P	Section 35	Township 24 South	Range 36 East	County Lea	
Approximate Location of Well: 990 feet from the South line and 330 feet from the East line					
Ground Level Elev. 3252.3	Producing Formation Yates - Seven Rivers		Other Jalnet		

- 1 Outline the acreage dedicated to the subject well by colored pencil or the blue ink on the plat below.
- 2 If more than one lease is dedicated to the well, outline each and identify the ownership thereof (but 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 acquired an interest in the well (or sale 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.

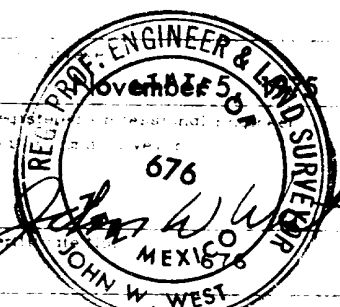
Norman Walker

Agent

HMA Production Company

November 11, 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.



0 330 660 990 1320 1650 1980 2310 2640 2970 3300

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U.S. CONSERVATION COMM.
WASH. D. C.

Attachment: Form 9-331 C
HMA Production Company
Cities Service Federal No. 4
Section 35, T24S, R36E
Lea County, New Mexico

DEVELOPMENT PLAN FOR SURFACE USE

1. Existing roads: See attached plat
2. Planned access roads: 330' of road from well no. 1 to well no. 4
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
purpose 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

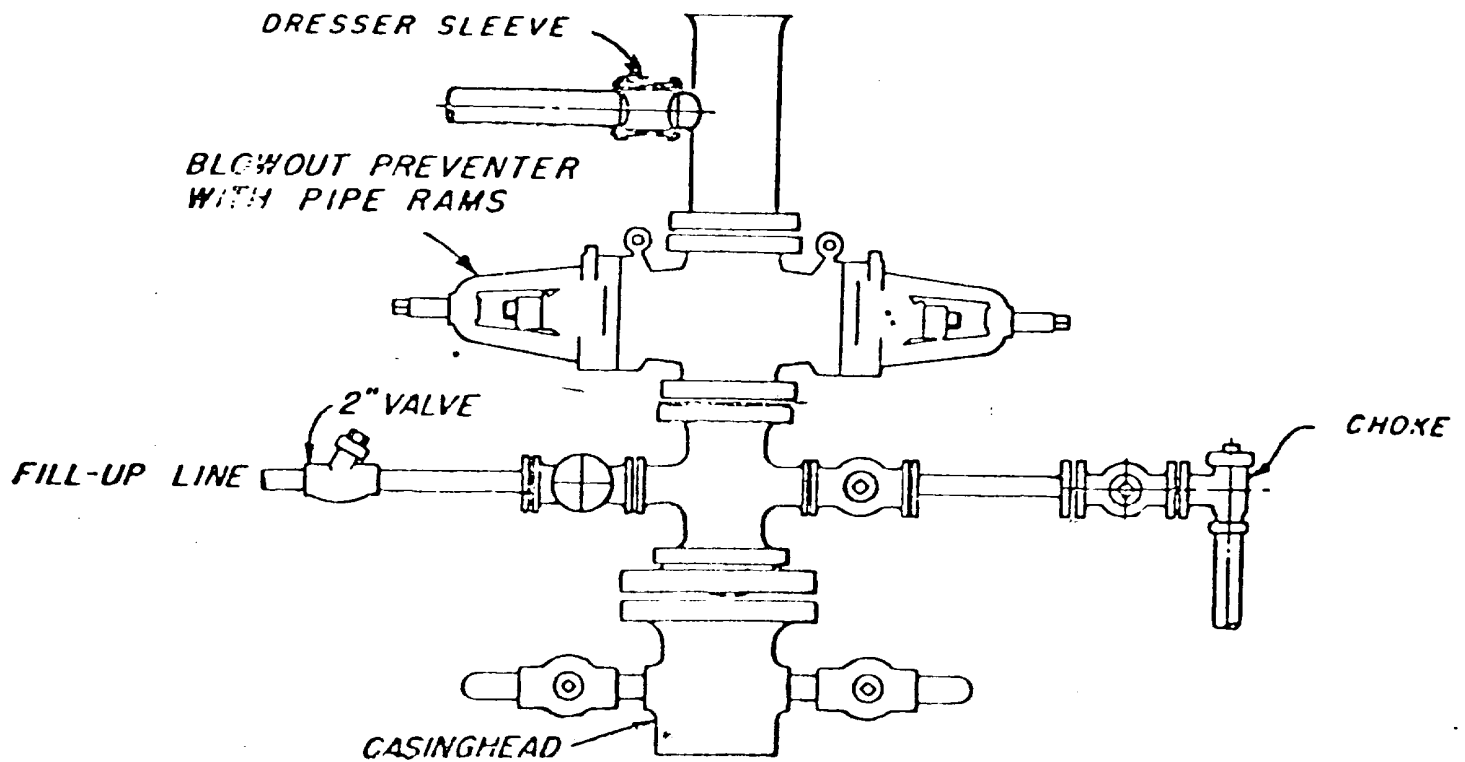
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OIL CONSERVATION COMMISSION

SUNDANCE DRILLING CORP.

RIG NO. 1



BLOWOUT PREVENTER HOOK-UP
2,000 psi Working Pressure

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OIL CONSERVATION COMM.

HOUSTON, TX



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HOODS, R. G.

Brass Cap

3

2

Existing road

Existing Tank Battery

Proposed Flow Line

4

Proposed Road

Old abandoned lease road
to be used for entry to
well #4

HMA Production Company
Cities Service Federal Lease
E/2 SW/4 Sec. 35, T24N, R34E
Ira County, New Mexico

To State Road 13

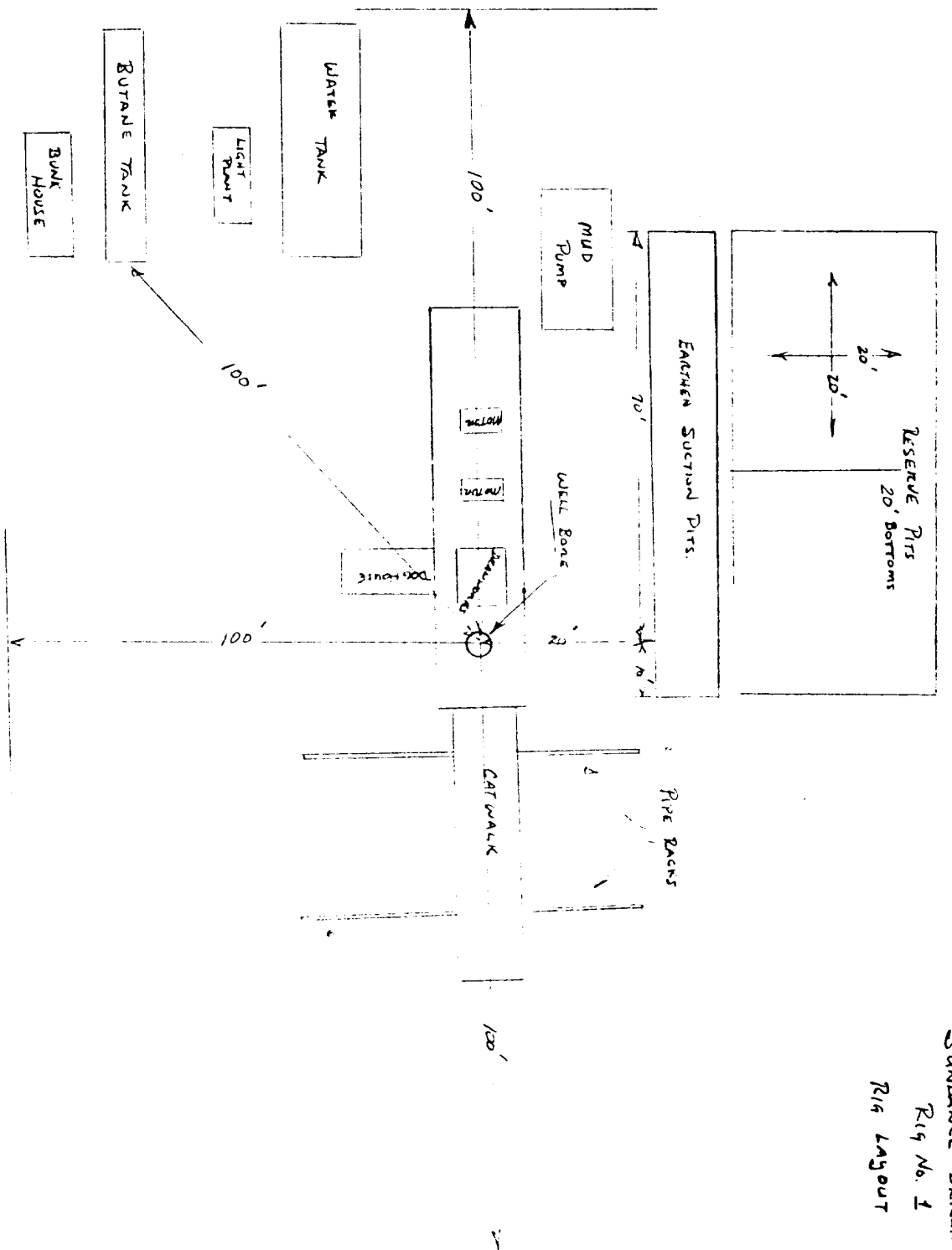
Brass
Cap

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WIL CONSERVATION COMM.
HOSDS. R. M.

SUNDANCE DRILLING CORP.
 Rig No. 1
 Rig Layout



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OIL CONSERVATION COMM.
HOBBS, N. M.