

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 core/observation ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☐

2. NAME OF OPERATOR
Shell Oil Company

3. ADDRESS OF OPERATOR
P.O. Box 991, T&C 459, Houston, TX 77001

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface
1623' FSL & 1218' FWL, Unit L, Sec. 29, T18S, R38E
At proposed prod. zone
same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
1/4 mile west of Hobbs, NM

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

16. NO. OF ACRES IN LEASE
10,649

17. NO. OF ACRES ASSIGNED
TO THIS WELL
40

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH
4,350'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
3,641.35' GR

22. APPROX. DATE WORK WILL START*
June

23. PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
20"	16"	conductor	40'	40 sx Redi Mix surface
12 1/4"	8 5/8"	32# K55 STC	1600'	535 Lite + 2% CaCl ₂ surface
7 7/8"	5 1/2"	14# K55 STC	4350'	270 Lite + 165 Class C 1500'

Attachments: Survey Plat
Drilling Prognosis
Casing & Cementing Program
BOP Assembly Drawing
Choke Manifold Drawing
Rig Layout Drawing
Topographical Map
Multipoint Land Use Plan
Temporary Test Facilities Layout (No testing planned.)
Ownership Map
Surface Rehabilitation Agreement

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JUN 5 1980

U. S. GEOLOGICAL SURVEY
HOBBS, NEW MEXICO

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 [Signature] TITLE Senior Engr. Tech. DATE May 28, 1980
(This space for Federal or State office use)

PERMIT NO. APPROVAL DATE

APPROVED BY [Signature] TITLE DATE

CONDITIONS OF APPROVAL, IF ANY:

JUL 2 1980
DISTRICT SUPERVISOR

NSL-1194

*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. GOVERNMENT PRINTING OFFICE : 1963—O-711-396

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JUL 8 1969

OIL CONSERVATION DIV.

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

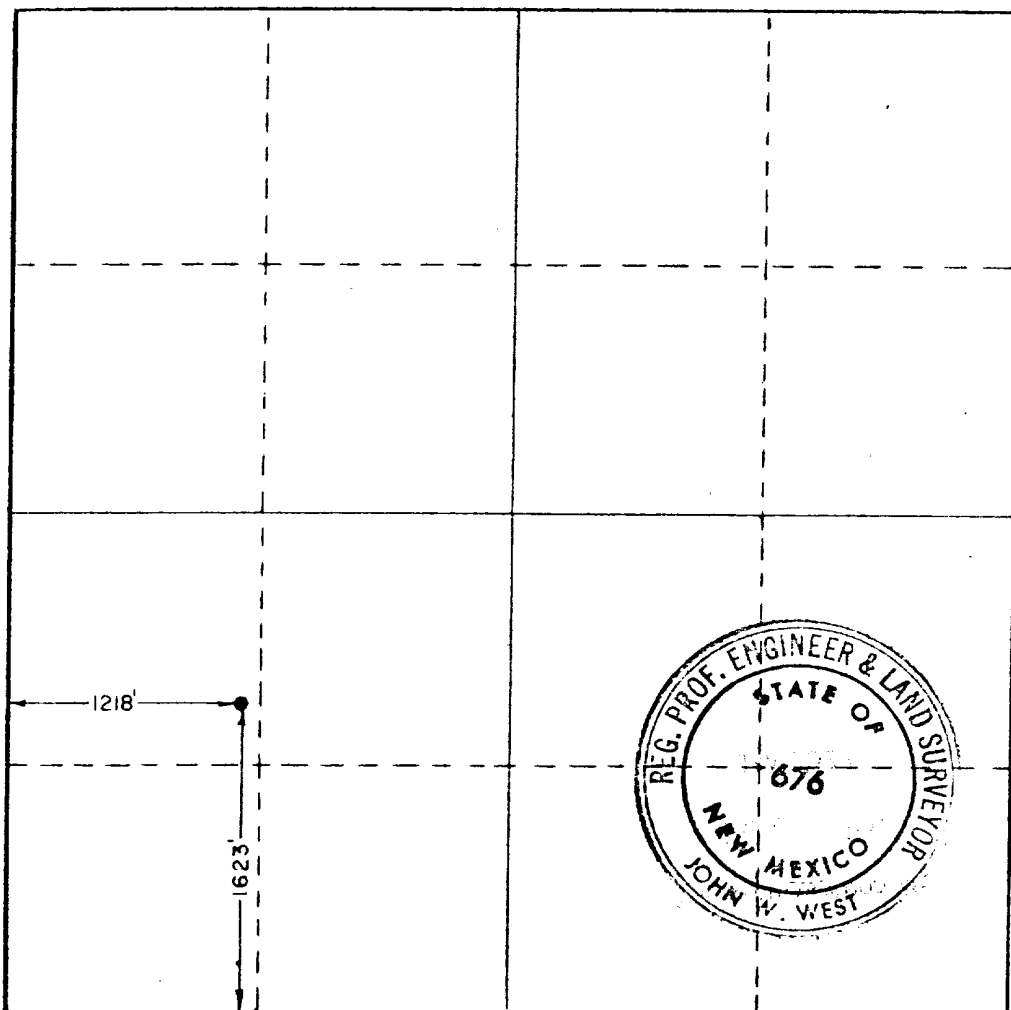
Operator Shell Oil Company			Lease North Hobbs UnitSec. 29		Well No. 132
Unit Letter L	Section 29	Township 18 South	Range 38 East	County Lea	
Actual Footage Location of Well: 1623 feet from the South line and 1218 feet from the West line					
Ground Level Elev. 3641.9	Producing Formation (G/SA)		Pool Hobbs (G/SA)		Dedicated Acreage: 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 Unitization

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 A. J. Fore
Position

Senior Engr. Technician

Company

Shell Oil Company

Date

5-7-80

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 23, 1980

Registered Professional Engineer and/or Land Surveyor

John W. West

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

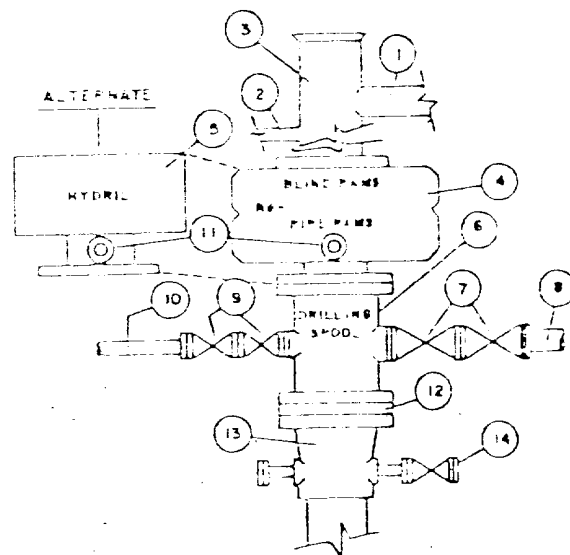
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DRAWING AND CHECK LIST NO. EP 10 2
(ATTACHMENT 2 TO BID SHEET AND DRILLING ORDER)
MINIMUM BLOWOUT PREVENTER EQUIPMENT REQUIREMENTS
FOR SHALLOW AND INTERMEDIATE NORMAL PRESSURE WELLS3,000 psi WP-API Class 3M
SPECIFICATIONS FOR WELL NO North Hobbs Package CASING SIZE 8 5/8

Footage and Dayrate

Contractor and Operator to furnish items checked (x)

No.		Min. Size	Type	Press. Rating	Furnished by	
					Contr.	Oper.
1	Flowline	8 5/8"			X	
2	Fill up line	2"			X	
3	Drilling Nipple	11"			X	
4	Two single or one dual hydraulically operated CIW or Shaffer rams	10"	Shaffer	3,000		X
5	Hydril* (Alternate to #4)	Not required				
6	Drilling spool with " and " outlets			3,000	X	
7	Gate valves	2"	CIW "F" or equal	3,000	X	
8	Line to choke manifold	2"		3,000	X	
9	Gate valves	2"	CIW "F" or equal	3,000	X	
10	Line to rig mud pump manifold	2"		3,000	X	
11	" and " outlets in ram or Hydril. Run kill line & choke line from these outlets (Alternate to #6 above)	N/A				
12	Wear flange or bushing					
13	Casing Spool	10"		3,000		X
14	Gate Valve	2"		3,000		X



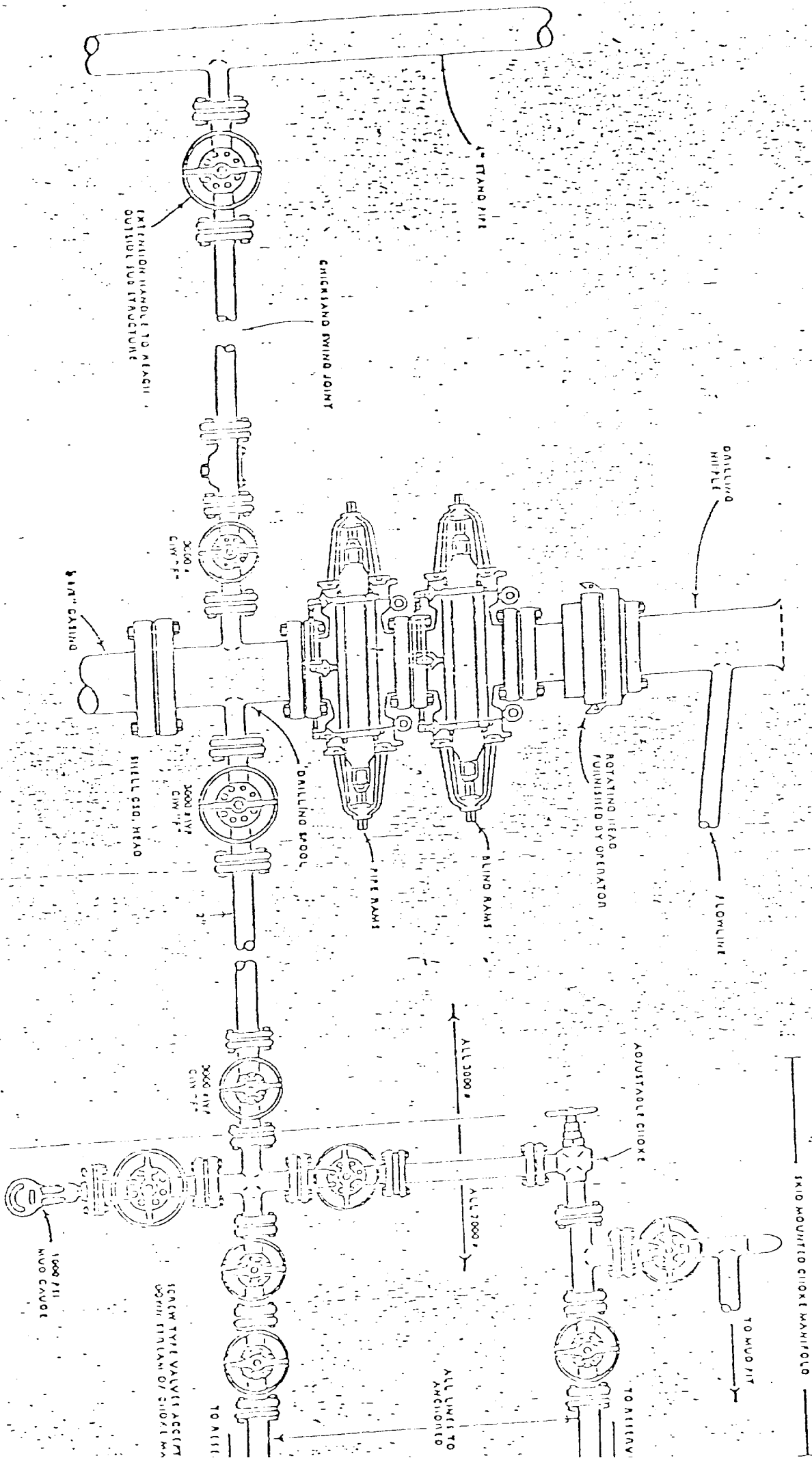
*or equivalent

** Dual preventers to include blind rams on top, drill pipe on bottom and spare set of S₂ rams. Manual controls to be on both blind & pipe rams from installation of BOP until

1980 HOBBS INFILL

MINIMUM BOP AND CHOKE MANIFOLD REQUIREMENTS
CLASS 2M0

ATTACHMENT 3



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