

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

~~34-025-37766~~

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO.
LC-065710-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Lusk Deep Unit A

8. FARM OR LEASE NAME
Lusk Deep Unit A

9. WELL NO.
12

10. FIELD AND POOL, OR WILDCAT
Lusk East Wolfcamp

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
9-S, 32-E
HOBBS, NEW MEXICO

b. TYPE OF WELL
 OIL WELL GAS WELL OTHER
 SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
Phillips Petroleum Company

3. ADDRESS OF OPERATOR
4001 Penbrook Street
Room 401, Phillips Building, Odessa, Texas 79762

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

At proposed prod. zone (Unit G,) 1660' FN & 2300' FE lines

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
20 miles west northwest to Loco Hills

12. COUNTY OR PARISH
Lea

13. STATE
New Mexico

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. line, if any)
1660' FN

16. NO. OF ACRES IN LEASE
640+

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.
First well this formation

19. PROPOSED DEPTH
12,200'

20. ROTARY OR CABLE TOOLS

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
3581' Gr., 3594' DF

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
17-1/2"	13-3/8"	48#, 819' (500 sxs TRLW w/7 1/2# salt/sx, 10% DD/sx, 1/2# cello-flakes/sx. (circ 240 sx at surface).		
11"	8-5/8"	32# 4482' (DV tool at 2805', 1st: 300 sx TRLW w/10% DD, 7 1/2# salt/sx (w/200 sx RFO. 2nd: 1350 sx TRLW w/10% DD, 7 1/2# salt/sx and (w/200 sx RFC. Temp survey TOC at 1350'.)		
7-7/8"	5-1/2"	17#, 20# 12,814' (cmdt w/750 sx Class C w/1/10% LWL and 2# KCL/sx. Temp survey TOC at 8625'.		

(Well originally drilled to TD of 12,800' and completed in Morrow zone. Propose abandon Morrow zone and test Wolfcamp oil zone at approximately 10,680'-708'.

No new surface construction or damage will be required for this workover procedure.
BOP: 10,000#WP, double, w/one set blind rams, one set pipe rams, manually operated.

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. W. J. Mueller TITLE Sr. Engineering Specialist DATE November 4, 1980

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____

CONDITIONS OF APPROVAL, IF ANY:

cc: OCD Hobbs
 Kerr McGee Industries, Oklahoma City
 Gulf Oil Exp & Prod Co, Midland, Texas
 *See Instructions On Reverse Side

ACCEPTED FOR RECORD

NOV 13 1980

U.S. GEOLOGICAL SURVEY
 ROSWELL, NEW MEXICO

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. (Consult local

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-685231

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OIL CONSERVATION DIV.

NEW MEXICO OIL CONSERVATION COMMISSION
 WELL LOCATION AND ACREAGE DEDICATION PLAT

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

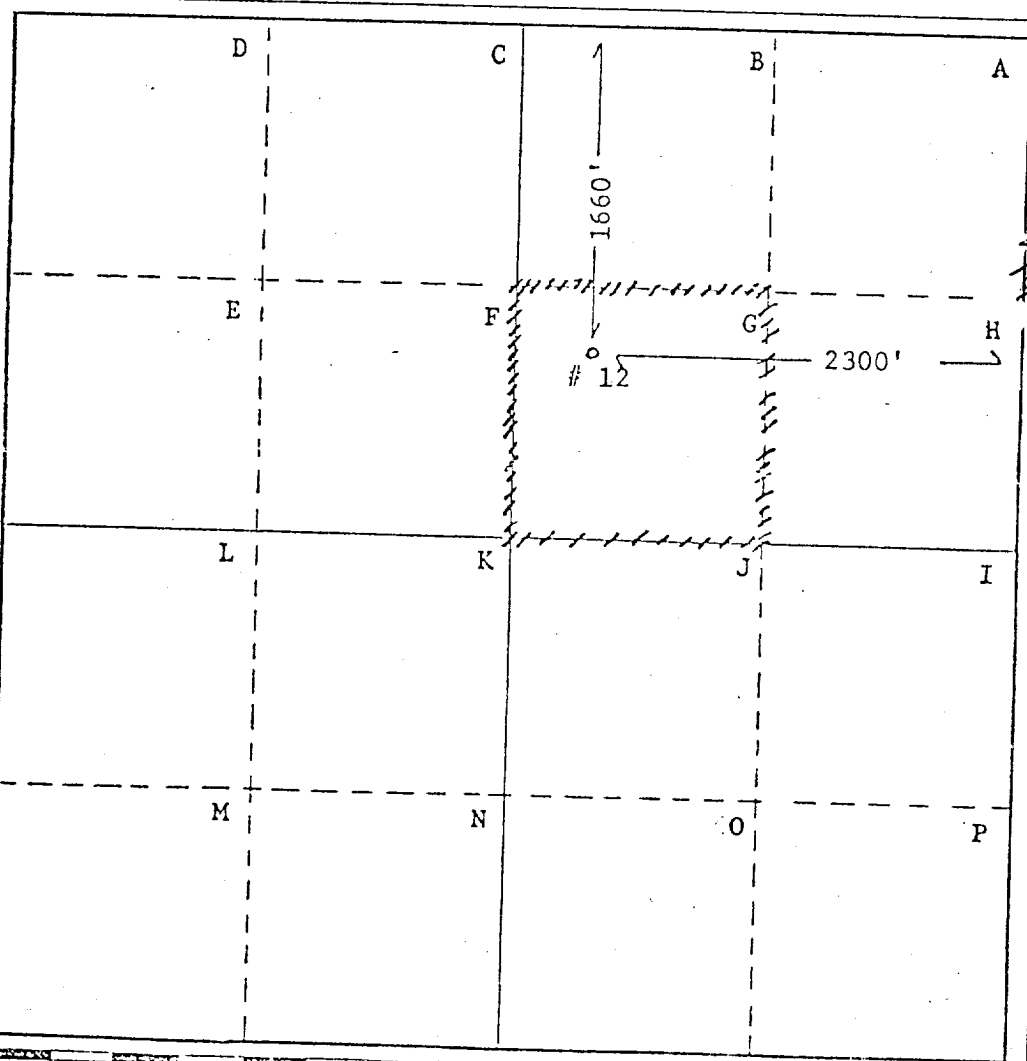
All distances must be from the outer boundaries of the Section.

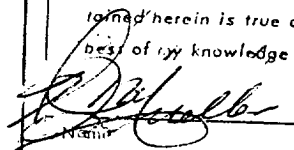
Operator Phillips Petroleum Company			Lease Lusk Deep Unit A			Well No. 12
Unit Letter G	Section 20	Township 19 South	Range 32 East	County Lea		
Actual Footage Location of Well: 1660 feet from the North line and 2300 feet from the East line						
Ground Level Elev. 3581' Gr.	Producing Formation Wolfcamp		Pool Lusk, East Wolfcamp		Dedicated Acreage: 40 Acres	

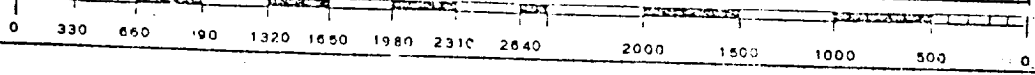
1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, forced-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 W. J. Mueller	
Senior Engineering Specialist	
Position	
Phillips Petroleum Co.	
Company	
Date	
November 4, 1980	
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 12, 1974	
Registered Professional Engineer and/or Land Surveyor	
Certificate No.	



COPY TO O. C. R.

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

LC065710-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Lusk Deep Unit A

FARM OR LEASE NAME

Lusk Deep Unit A

8. WELL NO.

12

10. FIELD AND POOL, OR WILDCAT

Lusk Morrow

11. SEC., T., R., M., OR BLEK. AND SURVEY OR AREA

20, 19S, 32E

12. COUNTY OR PARISH

Lea

13. STATE

New Mexico

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT" for such proposals.)

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Phillips Petroleum Company

3. ADDRESS OF OPERATOR
4001 Penbrook Street
Room 401, Phillips Bldg., Odessa, Texas 79762

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4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface

U. S. GEOLOGICAL SURVEY
HOBBS, NEW MEXICO

Unit G, 1660' FN & 2300' FE Lines

14. PERMIT NO.

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

3581' GR, 3594' DF

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREAT

MULTIPLE COMPLETE

FRACTURE TREATMENT

ALTERING CASING

SHOOT OR ACIDIZE

ABANDON* ZONE only

SHOOTING OR ACIDIZING

ABANDONMENT*

REPAIR WELL

CHANGE PLANS

(Other) _____

(Other) _____

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Propose permanently abandon Morrow perfs, 12,388-12,394', 12,483-495', and 12,529-533', 12,684-696' as follows:

MI WS unit, load tbg w/produced water, install BOP, Unlatch f/pkr at 12,200', establish Morrow injection rate, squeeze Morrow perfs w/75 sxs Class C cmt w/1/10% LWL mixed at 14.8 ppg, with TOC inside casing at approximately 12,200'. Permanently abandon Morrow zone completion.

Will attempt Wolfcamp (oil) zone completion from approximate interval 10,680'-708'.

BOP: 10,000# WP, double w/one set pipe rams, one set blind rams, manually operated.

18. I hereby certify that the foregoing is true and correct

SIGNED *W. J. Mueller* W. J. Mueller

TITLE Sr. Engineering Specialist

DATE November 4, 1980

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

APPROVED

NOV 13 1980

cc: OCD--Hobbs
Kerr McGee Industries, Oklahoma City
Gulf Oil & Exploration Co,*See Instructions on Reverse Side
Midland, Texas

DISTRICT SUPERVISOR

Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law 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 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 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

* GPO 782-930

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