

Released May 13, 1985

B4 DEC



PHILLIPS PETROLEUM COMPANY

ODESSA, TEXAS 79762  
4001 PENBROOK

EXPLORATION AND PRODUCTION GROUP  
Permian Basin Region

April 18, 1985

Exception to Statewide Rule 104(c)  
Unorthodox Location  
(Lusk Deep Unit A Well No. 12)  
(East Lusk - Bone Springs Pool)  
Lea County, New Mexico

New Mexico Oil Conservation Division (3)  
P.O. Box 2088  
Santa Fe, New Mexico 87501

Attn: Mr. Richard E. Stametz  
Division Director

Gentlemen:

We respectfully request an exception to Statewide Rule No. 104(c) and to the special field rules for the East Lusk Bone Springs Pool to allow an unorthodox location for the captioned well.

(The Lusk Deep Unit Well No. 12 is located in Unit G, 1660' FN and 2300' FE lines, Section 20, T-19-S, R-32-E.) It was originally drilled as a standard location to 12,800 feet and completed in the Lusk Morrow Pool and later tested unsuccessfully in the Wolfcamp and Strawn Zones. This location does not meet the spacing requirements for the East Lusk Bone Springs Pool when the NE/4 Section is assigned as the proration unit for Bone Springs production. There is no other Bone Springs completion in the proration unit. A proration and an area plat are attached.

By copy hereof, offset operators/interest owners are notified of this application by certified mail.

It is understood that the requested action is subject to a 20-day waiver waiting period.

Your consideration is appreciated.

Very truly yours,

T. Harold McLemore

JLD

Attachments

cc: NMOCD, Hobbs, NM

Offset Operators (addressee list enclosed)-Certified mail attachments

NSK-2043

RULE- No. 5  
R-4994

60- Deducted

NE/4 sect. 20, T-19S  
R-32E

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  
 Phillips Petroleum Company

3. ADDRESS OF OPERATOR  
 Room 401, 4001 Penbrook St., Odessa, TX 79762

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

At proposed prod. zone (Unit G) 1660' FNL & 2300' FEL

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 20 miles West Northwest to Loco Hills, NM

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

16. NO. OF ACRES IN LEASE  
 640±

17. NO. OF ACRES ASSIGNED TO THIS WELL  
 160

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

19. PROPOSED DEPTH  
 10590

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.

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/2"	13 3/8"	48#	819	500 sk TRLW w/7 1/2# salt/sk 10%*
11"	8 5/8"	32#	4482(DV tool@2805')	1st 300 sk TRLW w/10% DD **
7 7/8"	5 1/2"	20#, 17#	12814	750 sk Class C w/1/10% LWL &***

\*DD/sk, 1/2# Celloflake/sk (Circ. 240 sk @ surface)

\*\*7 1/2# salt/sk (w/200 sk RFO.) 2nd: 1350 sk TRLW w/10% DD, 7 1/2# salt/sk(w/200 sk RFC) Temp. survey TOC @ 1350'.

\*\*\*2#KCL/sk. Temp. survey TOC @ 8625'.

Well originally drilled to TD of 12800' & completed in Morrow zone; Morrow perms 12388-12696' abandoned 2/81. Perforated Wolfcamp 10680-10708', tested noncommercial & abandoned 8/82. Perforated Strawn 11460-11581', uneconomical to operate. Workover proposal: P&A Strawn, acidize and produce Bone Springs 8839-8914'.

1. MI & RU DDU. Pull rods & pump. Install BOP. COOH w/tbg. and tubing anchor catcher.
2. GIH w/CIBP & set @ 11430'. Place 5 sk Class H cmt. w/0.3% HR7 on top of CIBP.
3. GIH w/CIBP & set @ 10640'. Place 5 sk Class H cement w/0.3% HR7 on top of CIBP.
4. GIH w/2 7/8" tbg. & spot 2 bbls. 10% acetic acid from 8850'-8765'. COOH w/tbg.

(OVER)

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 Ralph J. Roper TITLE \_\_\_\_\_ DATE 4/19/85

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

## 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-685231

5. Run GR-Collar Log from 9500'-4500'. Correlate to Schlumberger BHC Sonic run 1/3/75.
6. Perforate the 5½" csg. w/4" OD csg. gun w/2SPF 8839-8849' and 8896-8914'. Total 28', 56 shots.
7. GIH w/RTTS type packer on 2 7/8" tbg. Set packet @ 8750'. Swab to clean up perforations.
8. Acidize Bone Springs with 3000 gals. 15% NEFE HCl as follows:
  - a. Load annulus & hole 100 psi during treatment using 2% KCl wtr.
  - b. Open circ. valve & displace tbg. w/2100 gals. acid. Close circ. valve.
  - c. Pump remaining 900 gals. acid.
  - d. Flush w/2500 gals. 2% KCl wtr.Injection rate: 4-6 BPM, Maximum Pressure: 6000 psi
9. Swab load and acid wtr.

No new surface construction or damage will be required for this workover procedure.

BOP: Series 1500, 5000# WP

PHILLIPS PETROLEUM COMPANY

Lusk Deep Unit Well No. 12  
East Lusk Bone Springs Field  
Unit G, Sec. 20, T-19-S, R-32-E  
Lea County, New Mexico

Proration Unit Offset Operators/Interest Owners

1. Anadarko Production Company  
Box 2497  
Midland, TX 79702
2. Damson Oil  
3300 North A Bldg. 8  
St. 100  
Midland, TX 79705
3. Gulf Exp. & Production Co.  
Box 1150  
Midland, TX 79702
4. Llano, Inc.  
Box 1320  
Hobbs, NM 88240
5. Mobil Producing Texas-NM  
P.O. Box 3901  
Midland, TX 79702
6. Petroleum Development Corp.  
9720-B Candelaria Rd  
Albuquerque, NM 87112

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.

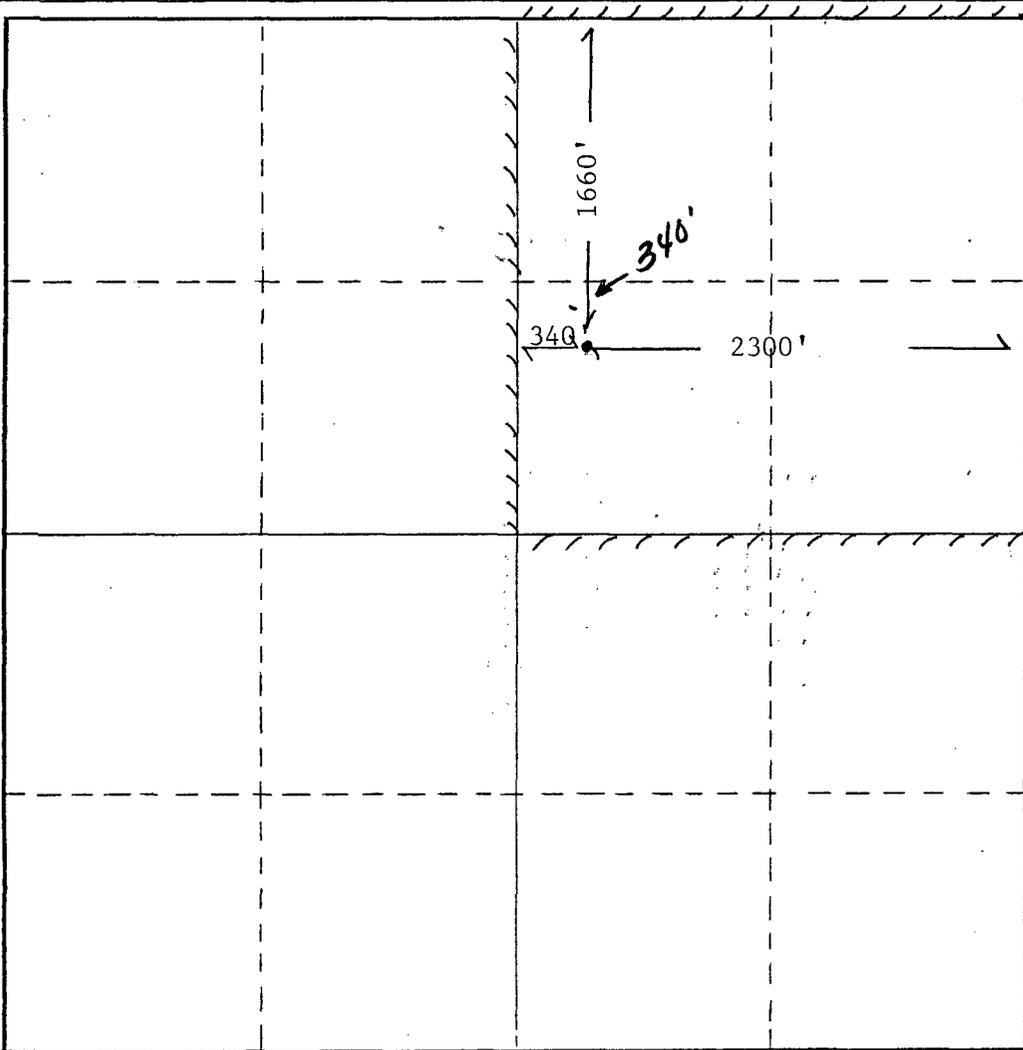
Operator <b>Phillips Petroleum Co.</b>		Lease <b>Lusk Deep Unit A</b>			Well No. <b>12</b>
Unit Letter <b>G</b>	Section <b>20</b>	Township <b>19 South</b>	Range <b>32 East</b>	County <b>Lea</b>	
Actual Footage Location of Well: <b>1660</b> feet from the <b>North</b> line and <b>2300</b> feet from the <b>East</b> line					
Ground Level Elev. <b>3581' Gr.</b>	Producing Formation <b>Bone Springs</b>		Pool <b>East Lusk Bone Springs</b>	Dedicated Acreage: <b>160</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.

*Robert J. Roper*  
Name

*for* W.J. Mueller  
Position

Company  
Phillips Petroleum Co.

Date  
4/19/85

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  
Sept. 12, 1974

Registered Professional Engineer and/or Land Surveyor

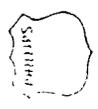
John W. West

Certificate No.



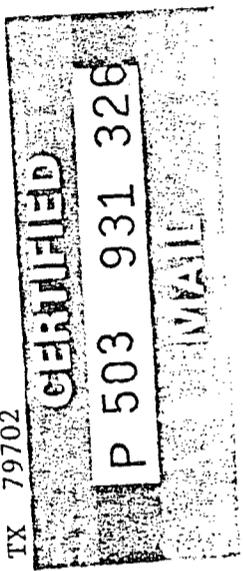


PHILLIPS PETROLEUM COMPANY  
EXPLORATION AND PRODUCTION GROUP  
PERMIAN BASIN REGION  
3001 FRENCH  
OCT 55A TEXAS 79762



Llano Inc.  
Box 1320  
Hobbs, NM 88240

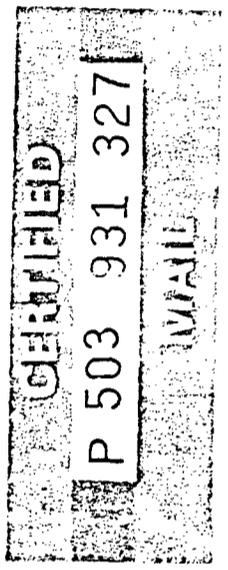
Gulf Exploration & Production Co.  
Box 1150  
Midland, TX 79702



Petroleum Development Corp.  
9720 B Candalaria Rd.  
Albuquerque, NM 87112

P 503 931 324

Mobil Producing TX-NM  
P.O. Box 3901  
Midland, TX 79702



Damson Oil Co.  
3300 North A, Bldg. 8  
Ste. 100  
Midland, TX 79705

P 503 931 323

P 503 931 325

Attn: Geo. Dalton