

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPPLICATE
(Other instructions on re-
verse side)Form approved.
Budget Bureau No. 42-R1424

API #30-005-20454

5. LEASE DESIGNATION AND SERIAL NO.

NM 18508

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Luther-A

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

18, 8S, 32E

12. COUNTY OR PARISH 13. STATE

Chaves

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 ☐ GAS ☒ OTHER ☐

2. NAME OF OPERATOR

Phillips Petroleum Company

3. ADDRESS OF OPERATOR

Room 711, Phillips Building, Odessa, Texas 79761

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

At surface

660' FS & 1980' FW Lines (Unit N)

14. PERMIT NO.

Approved 9-5-74

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

4395.2' GR

16.

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐

(Other) * Abandon zone.

PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☒CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☐(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 perti-
nent to this work.)

Confirming telecon Messrs. Brown/Krieger 1-7-75, drilled 7-7/8" hole to 10,620' on 1-6-75. Schlumberger ran BHC-Sonic, GR-Caliper, dual laterologs, CNL-FDC logs. Took DST #1 in Strawn formation 9462-40', and DST #2 in Atoka formation 10,082-10,260' (DST detail on reverse side).

Prep to abandon lower zone and test San Andres zone.

Spot plugs as follows: Fill hole with mud laden fluid.

1. 50 sx cement from 10,000 to 9850'.
2. 50 sx cement from 9500' to 9350'.
3. 50 sx cement from 8300' to 8150'.
4. 50 sx cement from 6950' to 6800'.
5. 50 sx cement across 8-5/8" csg shoe from 4650' to 4535'.

Test San Andres zone above 4535'.

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

SIGNED W. J. MuellerTITLE Senior Reservoir EngineerDATE January 13, 1975

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

APPROVED

DATE

JAN 15 1975

ARTHUR R. BROWN
DISTRICT ENGINEER

*See Instructions on Reverse Side

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 packing 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.

U.S. GOVERNMENT PRINTING OFFICE: 1963 O-465229
847-486

PHILLIPS PETROLEUM COMPANY

Luther-A No. 1
N. 12, S. 32E
Cheyenne County

DST No. 1 - Strawn Formation:

Total depth 10,620'. 4-1/2" ODDP, perfs 9462-10', bottom pkr @10,620', top pkr @9462'. 1/2" top choke, 1" bottom choke, 1000' water blanket. Opened tool with occasional bubble. Unseated pkr in 3 hrs, unable to lower to test lower section. COOH. Recovered 1000' water blanket and 15' drlg mud, no shows oil or gas. I Hyd P 5651#, 5-min TOP 626#, 30-min SIP 1128#, IOF 626#, 30-min FOF 626#, no final SIP.

DST No. 2 - Atoka Formation:

4-1/2" ODDP, perfs 10,082-10,260', 7" hydraulic top pkr @10,082', 7" hydraulic bottom pkr @10,160', 1/2" top choke, 1" bottom choke, 1500' water blanket. I Hyd P 5618#, 5-min OFP 659#, 90-min FSIP 2201#, F Hyd P 5618#. Static BH temp. 160 degrees. IOF-tool opened with weak blow air immediately. FOF tool opened with weak blow air, increased to medium blow in 1 hr to bottom of bucket, and had medium flow remainder of test. Recovered 3000' gas in DP, 1500' water blanket and 90' gas cut drilling mud.

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

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

API #30-105-20454

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

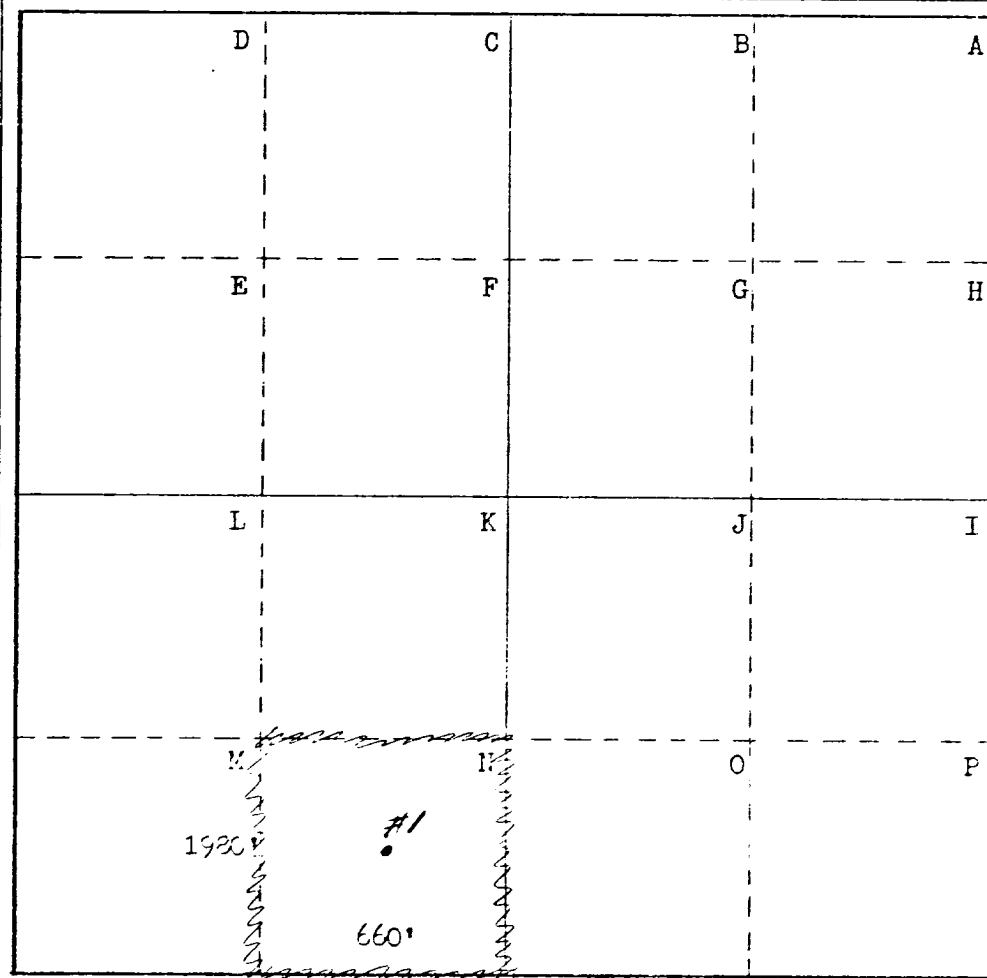
Operator Phillips Petroleum Company			Lease Luther-A		Well No. 1
Unit Letter N	Section 18	Township 8-S	Range 32-E	County Chaves	
Actual Postage Location of Well:					
660		feet from the south	line and	1980	feet from the west line
Ground Level Elev. 4395.2' GR 4417' DF	Producing Formation San Andres		Pool Wildcat - San Andres		Dedicated Acreage: 40 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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.

W. J. Mueller

W. J. Mueller

Position

Senior Reservoir Engineer

Company

Phillips Petroleum Company

Date

January 13, 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

July 21, 1974

Registered Professional Engineer
and/or Land Surveyor

John W. West

Certificate No.

676

0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600

UNIT STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPPLIC
(Other instructions o.
verse side)Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

NM18508

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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 ☐ GAS ☒ OTHER ☐
WELL WELL

7. UNIT AGREEMENT NAME

2. NAME OF OPERATOR

Phillips Petroleum Company

8. FARM OR LEASE NAME

Luther-A

3. ADDRESS OF OPERATOR

Room 711, Phillips Building, Odessa, Texas 79761

9. WELL NO.

1

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

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

18, 8S, 32E

14. PERMIT NO.

Approved 9-5-74

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

4395.2' GR

12. COUNTY OR PARISH 13. STATE

Chaves

New Mexico

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☐CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☐(Other) Intermediate casing ☒(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 perti-
nent to this work.)*

Reached 8-5/8" csg point at 4:30 PM, 11-20-74. Circulated 4 hrs, COOH. 11-21-74, Schlumberger ran BHC Sonic, GR Caliper and dual Laterolog. Set 115 jts (4584') 8-5/8" OD 32# K-55 ST & C csg @4584'. Dowell cemented with 850 sx Trinity LW with 10% DD, 7-1/2# salt per sx, followed by 325 sx Class H with 2% CaCl₂. Plug to 4550'. WOC 8 hrs, 11-22-74. WOC total 23 hrs, ran temp survey, TOC outside 8-5/8" csg @2000'. Tested csg with 2000# for 1/2 hr, OK. Drilled plug and cmt from 4544-4580', tested csg with 2000# for 1/2 hr, OK. Drilled shoe @4584', tested to 600#, OK. Started drilling ahead @4584' with 7-7/8" bit.

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

SIGNED

W. J. Mueller TITLE Senior Reservoir Engineer

DATE December 2, 1974

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

*See Instructions on Reverse Side

ACCEPTED FOR RECORD

DEC 9 1974

U. S. GEOLOGICAL SURVEY
HOBBS, NEW MEXICO

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.

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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.

UNIT STATES
DEPARTMENT OF THE INTERIORSUBMIT IN TRIPLIC
(Other instructions on
reverse side)Form approved.
Budget Bureau No. 42-R1424.

API #30-005-20154

GEOLOGICAL SURVEY

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 <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		7. UNIT AGREEMENT NAME
2. NAME OF OPERATOR Phillips Petroleum Company		8. FARM OR LEASE NAME Luther - A
3. ADDRESS OF OPERATOR Room 711, Phillips Bldg., Odessa, Texas 79761		9. WELL NO. 1
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 660' FS & 1980' FW (Unit N)		10. FIELD AND POOL, OR WILDCAT Wildcat
14. PERMIT NO. Approved 9-5-74		11. SEC., T., R., M., OR B.L.K. AND SURVEY OR AREA 18, 8S, 32 E
15. ELEVATIONS (Show whether DF, RT, CR, etc.) 4395.2' Gr.		12. COUNTY OR PARISH Chaves
		13. STATE New Mexico

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) Spud well.

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(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.)*

Warton Drlg. Co. spudded 17 1/2" hole @ 12:30 pm, 11-8-74. Drilled to 427' Set 11 jts. (427') 13 3/8" 48# H-40 csg @ 427'. Dowell cemented w/500 sx Class H w/2% Ca Clz and 1/2# Celloflakes per sx in first 200 sx. Plug to 386' w/61 BW, max press 400#. Circ 145 sx cement. Job completed 12 noon 11-9-74. WOC 12 hrs. 11-10-74, WOC 8 hrs, Tested csg w/800# for 1/2 hr, ok. Drld cmt 386-427'. Tested shoe to 200# for 1/2 hr, ok. Started drlg ahead w/12 1/4" bit.

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

SIGNED W.J. MuellerTITLE Senior Reservoir EngineerDATE 11-11-74

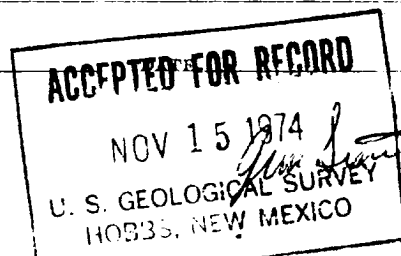
(This space for Federal or State office use)

APPROVED BY

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TITLE

*See Instructions on Reverse Side



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U.S. GOVERNMENT PRINTING OFFICE: 1963-O-585229

947-485

RECEIVED
JUL 13 1974
U.S. GOVERNMENT PRINTING OFFICE