

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE*
(Other Instr. is on re-
verse side)

Budget Bureau No. 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

NM 70335

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Livingston Ridge Fed

9. WELL NO.

4

10. FIELD AND POOL, OR WILDCAT

Cabin Lake (Delaware)

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

Sec. 1, T-22-S, R-30-E

12. COUNTY OR PARISH

Eddy

13. STATE

NM

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.)

OIL WELL ☒ GAS WELL ☐ OTHER ☐

RECEIVED

2. NAME OF OPERATOR

PHILLIPS PETROLEUM COMPANY

MAY 15 1991

3. ADDRESS OF OPERATOR

4001 Penbrook St., Odessa, TX 79762

O. C. D.
ARTESIA, OFFICE

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

Unit D, 430' FNL & 860' FWL

14. PERMIT NO.

30-015-26429

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

3303' Unprepared

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*

Spud well & set 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 pertinent to this work.)*

4/15/91 MI & RU Land & Marine drilling rig. Spud 17-1/2" hole.

4/16/91 Ran 11 jts. 13-3/8", 48#, ST&C casing & set @ 482'. Cemented w/800 sacks Class C, 2% CaCl, 14.8 ppg, 1.32 yield, 6.3 gal/sk. Circ. 226 sacks to surface. WOC 18 hrs. Drilling 12-1/4" hole.

4/23-24/91 Ran 86 jts. 8-5/8" 24#, J-55, ST&C & set @ 3700'. Cemented w/1500 sk Class C, 65/35 POZ & 6% Bentonite & 15#/sk salt, 13.2 ppg yield, 9.9 gal. per sack. Tail w/200 sacks Class C & 10#/sk salt, 15.2 ppg, 1.38 hield, 6.3 gal/sk. Circ. 186 sk cement to surface. WOC 24 hrs. Drilling 7-7/8" hole.

5/3/91 Reached TD of 7675'. Ran DLL/MG/GR/Cal; DSN/FNL/GR/Cal.

5/4/91 Ran 182 jts. 15.5# J-55 LT&C casing & set @ 7675'. Cemented w/500 sk Class C Neat & 14.8 ppg, 1.32 hield, 6.3 gal/sk. Circ. 126 sacks to surface. 2nd stage 200 sk C, 20% Diacel D, 12 ppg, 2.69 hield, 15.5 gal/sk & 600 sk C Neat, 14.8 ppg, 1.32 hield, 6.3 gal/sk. TOC 2010'- temperature survey. WOC 24 hrs. Released rig. Temp. drop pending completion.

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

SIGNED

L.M. Sanders

TITLE

Supervisor,
Regulation & Proration

DATE

5/10/91

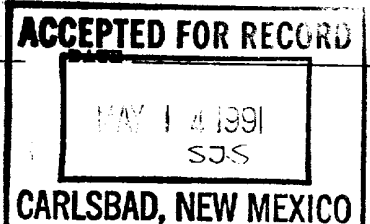
(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

*See Instructions on Reverse Side



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

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 checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		RECEIVED	7. UNIT AGREEMENT NAME
2. NAME OF OPERATOR Phillips Petroleum Company		MAR 29 1991	8. FARM OR LEASE NAME Livingston Ridge
3. ADDRESS OF OPERATOR 4001 Penbrook Street, Odessa, Texas 79762		O. C. U.	9. WELL NO. 4
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface Unit D, 430' FNL & 860' FWL		10. FIELD AND POOL, OR WILDCAT Cabin Lake (Delaware)	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 1, T-22-S, R-30-E
14. PERMIT NO. API #30-015-26429	15. ELEVATIONS (Show whether DP, ST, GR, etc.) 3303' Unprepared	12. COUNTY OR PARISH Eddy	13. STATE NM

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETION <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input checked="" type="checkbox"/>	(Other) <input type="checkbox"/>	

(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.)*

Please find attached a revised location plat moving the Livingston Ridge Well #4 to:

430' FNL & 860' FWL of Section 1, T-22-S, R-30-E

(This well was originally staked at 660' FNL & 660' FWL, then amended to 660' FNL & 760' FWL.)

Post ID-1
4-5-91
A. mend loc

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

SIGNED <u>L. M. Sanders</u>	TITLE <u>Supervisor, Regulation & Proration</u>	DATE <u>03-26-91</u>
(This space for Federal or State office use)		
APPROVED BY <u>Jon Hare</u>	TITLE <u>for</u>	DATE <u>3-28-91</u>
CONDITIONS OF APPROVAL, IF ANY:		

*See Instructions on Reverse Side

Submit to Appropriate
District Office
State Lease - 4 copies
Fee Lease - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brizos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

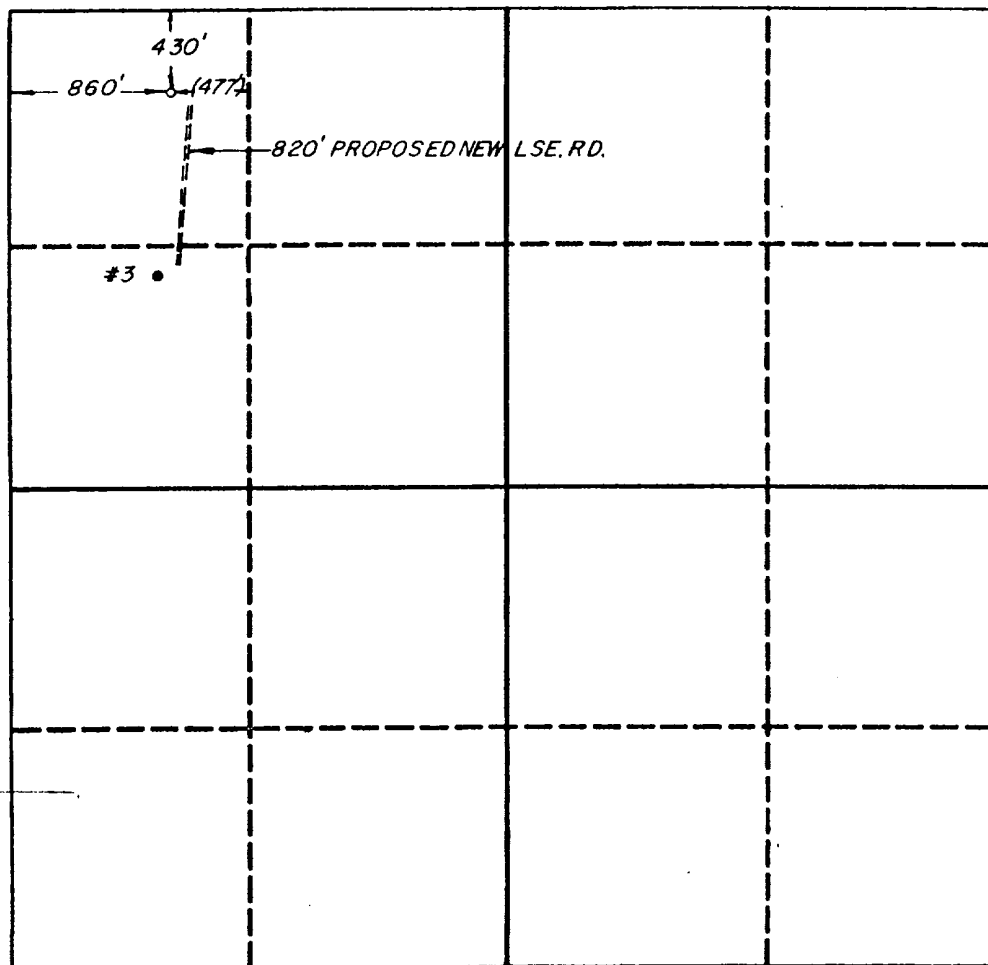
All Distances must be from the outer boundaries of the section

Operator PHILLIPS PETROLEUM			Lease LIVINGSTON RIDGE		Well No. #4
Unit Letter D	Section I	Township 22-SOUTH	Range 30-EAST	County NMPM	EDDY

Actual Footage Location of Well:

430 feet from the NORTH line and		860 feet from the WEST line	
Ground level Elev. 3303'	Producing Formation Delaware	Pool Cabin Lake (Delaware)	Dedicated Acreage: 40 Acres

- Outline the acreage dedicated to the subject well by colored pencil or inkhouse marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interest 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 interest, has been approved by the Division.

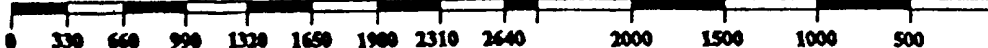


OPERATOR CERTIFICATION
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Signature <i>L. M. Sanders</i>
Printed Name L. M. Sanders
Position Supervisor, Regulation & Proration
Company Phillips Petroleum Co.
Date 03-26-91

SURVEYOR CERTIFICATION
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 MARCH 16, 1991
Signature & Seal of Professional Surveyor <i>Will B. Puerrier</i>
Certificate No. 4882



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on
reverse side)

30-015-26429
Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985

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
4001 PENBROOK ST., ODESSA, TX 79762

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface: Unit D, 660' FNL & 660' FWL
At proposed prod. zone: Unit D, 660' FNL & 660' FWL

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
22 mi. East of Carlsbad, NM

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)
660'

16. NO. OF ACRES IN LEASE
320.48

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.
1040'

19. PROPOSED DEPTH
7700'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
3307' (Unprepared)

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#	475'	650 sk C-Circ. to surface
12-1/4"	8-5/8"	24#	3700'	1200 sk C-Circ. to surface
7-7/8"	5-1/2"	15.5# & 14#	7700'	900 sk C TOC 3500'

USE MUD ADDITIVES AS NEEDED FOR CONTROL.

BOP EQUIPMENT FIGURE 7-9 or 7-10 (see attached schematic)

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED

RECEIVED

JUL 20 '90

G. C. D.
ARTESIA, OFFICE

RECEIVED
MAY 22 12 13 PM '90

Post ID-1
7-27-90

New Loc & API

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] Assistant
TITLE Regulation and Proration DATE 5/11/90
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY Orig. Signed by Richard L. Aronius AREA MANAGER
CONDITIONS OF APPROVAL, IF ANY: _____ TITLE CARLSBAD RESOURCE AREA DATE 7-18-90

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-85

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

Operator PHILLIPS PETROLEUM COMPANY			Lease Livingston Ridge		Well No. 4
Unit Letter D	Section 1	Township 22-S	Range 30-E	County Eddy	
Actual Footage Location of Well: 660 feet from the North line and 660 feet from the West line					
Ground Level Elev. 3307'	Producing Formation Delaware		Pool Cabin Lake (Delaware)		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.

D	C	B	A
E	F	G	H
L	K	J	I
M	N	O	P

660' 660'

CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

J. L. Maples

Name
J. L. Maples

Position
Asst., Regulation & Proration

Company
PHILLIPS PETROLEUM COMPANY

Date
5/21/90

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.

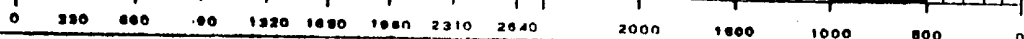
April 2, 1990

Date Surveyed
Richard B. Duniven

Registered Professional Engineer
and/or Land Surveyor

Richard B. Duniven
Certificate No.

4882



PROPOSED MUD PROGRAM

LIVINGSTON RIDGE WELL NO. 4

DEPTH	MUD WEIGHT	VISCOSITY	FLUID LOSS	CL PPM	% SOLIDS	ADDITIVES
Surf - 475'	8.3-9.0 ppq	28-36 sec/1000 cc	-	-	-	Native Solids
475' - 3700'	10.0 ppq	29-32 sec/1000 cc	-	Saturated	-	Native Solids
3700' - 5700'	8.3-9.5 ppq	28-36 sec/1000 cc	-	-	-	
5700' - 7700'	8.5-9.0 ppq	32-38 sec/1000 cc	20 cc or less	-	-	Gel/Driscap Plus

Remarks: Use DBX dripped into flowline 10-15' upstream from lower end if extra settling of solids is desired while circulating the reserve.

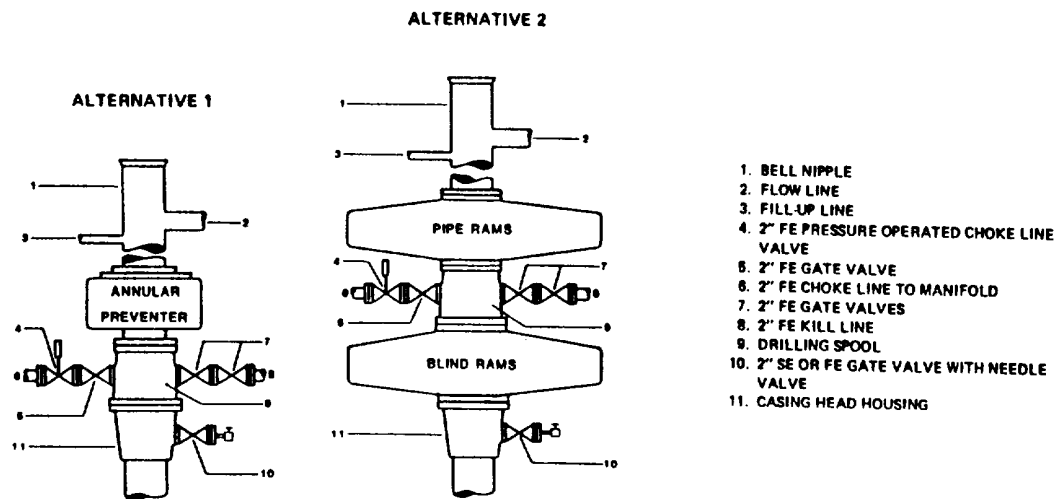
The Mud Engineer shall include on each test report the materials used for the previous 24 hr. period. Twice weekly mail copies of the test reports to:

A. C. Sewell
4001 Penbrook
Odessa, Texas 79762

Send two copies of the Well Recap (Final Cost & Engineering Summaries) to A. C. Sewell at the above address.

regpro/jmap1/mudprog3

FIELD PRACTICES AND STANDARDS



NOTE: THE DRILLING SPOOL MAY BE LOCATED BELOW BOTH SETS OF RAMS IF A DOUBLE PREVENTER IS USED AND IT DOES NOT HAVE SUITABLE OUTLETS BETWEEN RAMS

Figure 7-9. Standard Hydraulic Blowout Preventer Assembly
(2 M or 3 M Working Pressure) Alternative 1

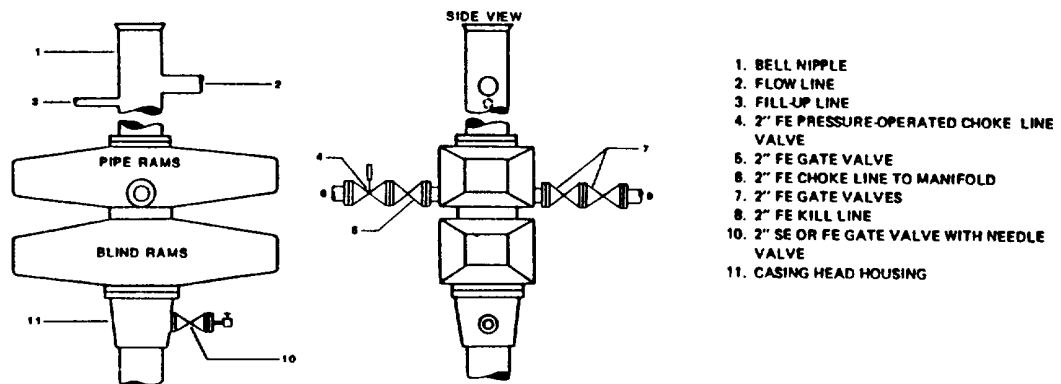


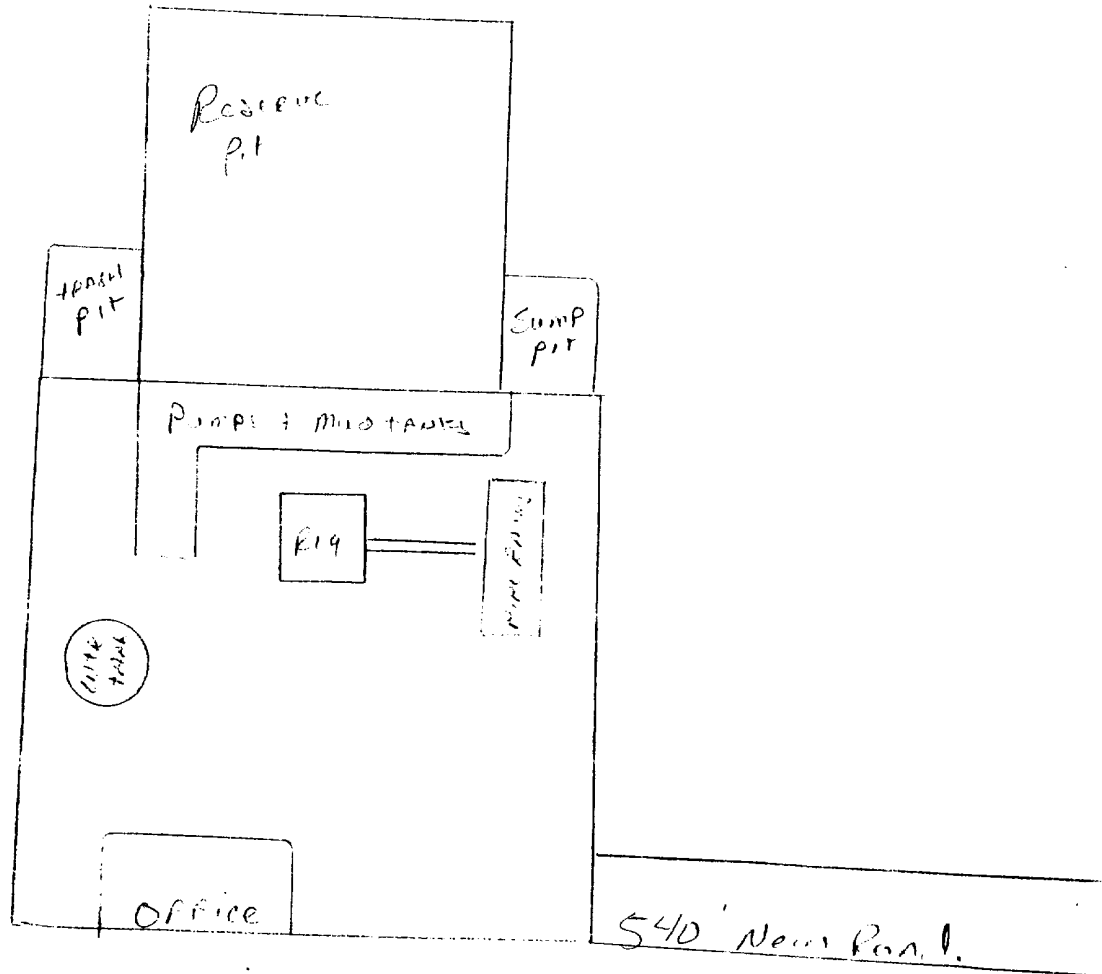
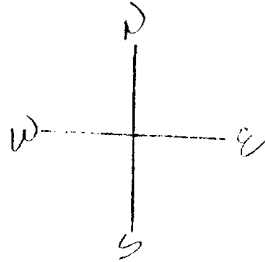
Figure 7-10. Standard Hydraulic Blowout Preventer Assembly
(2 M or 3 M Working Pressure) Alternative 3 (without Drilling Spool)



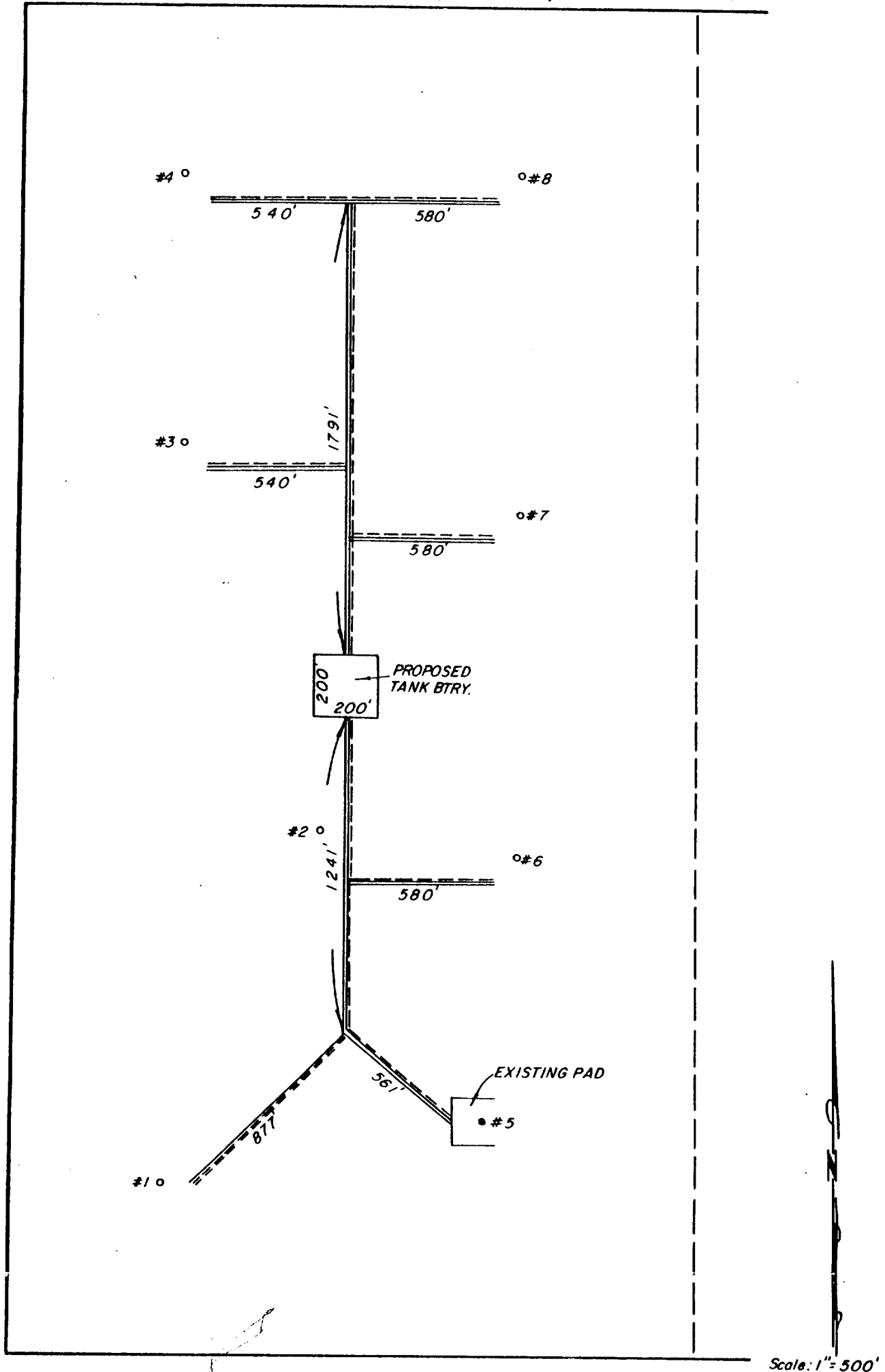
PHILLIPS PETROLEUM COMPANY

HOBBS, NEW MEXICO 88240
1625 WEST MARLAND

EXPLORATION AND PRODUCTION GROUP



W/2 SEC.1, T-22-S, R-30-E, N.M.P.M., EDDY CO., NEW MEXICO



-LEGEND-

- #1 PROPOSED WELL
- PROPOSED LSE. ROAD
- PROPOSED FLOW LINE, ONE FOR EACH WELL

PHILLIPS PETROLEUM COMPANY
Odessa, Texas

PROPOSED LEASE EXPANSION IN:
W/2 Sec.1, T-22-South, R-30-East, N. M. P. M.
Eddy County, New Mexico

RICHARD B. DUNIVEN & CO. INC.
REGISTERED PUBLIC SURVEYORS

P. O. Box 80276 APRIL 3, 1990 915-687-0231

SURFACE USE PLAN

Phillips Petroleum Company, Livingston Ridge Lease, Well No. 4, 660' FNL & 660' FWL, Section 1, T-22-S, R-30-E, Eddy County, New Mexico. (Fed Lease No. 70335.)

This plan is to accompany "Application for Permit to Drill" the subject well which is located approximately 22 miles east of Carlsbad, New Mexico. The following is a discussion of pertinent information concerning the possible effect which the proposed drilling well may have on the environment of the well and road sites and surrounding acreage. A copy will be posted on the derrick floor so that all contractors and sub-contractors will be aware of all items of this plan.

1. Existing Roads

A. None

2. Planned Access Roads

A. To run east to west of planned road

B. Turnouts: None

C. Drainage Design: New road will have center line to side line slope

D. Culverts, Cuts and Fills: None

E. Surfacing Material: Caliche well pad and roads.

F. Gates, Cattleguards, Fences: None

G. Proposed Road: The proposed road is centerline staked.

3. Locations of Existing wells: None

4. Locations of Tank Batteries, Production Facilities, Production Gathering, and Service Lines: The present tank battery is located - Section 1, T-22-S, R-30-E

Flow line from Well No. 4 to run alongside proposed access roadway.

5. Water Supply Source: Hauled

6. Source of Construction Materials

A. Caliche for surfacing the new road and well pads will be obtained from Federal pit from Section 11

B. Caliche pit is located on Federal pit from Section 11

7. Methods for Handling Waste Disposal

Will be put in separate waste pits and covered with minimum of 2' backfill. (See sketch.) If well is productive, maintenance waste will be placed in special trash cans and hauled away periodically. All produced water will be collected in tanks until hauled to an approved disposal system, or separate disposal applications will be submitted for appropriate approval.

10. The minimum specifications for pressure control equipment which are to be used, a schematic diagram thereof showing sizes, pressure ratings (or) API series and the testing procedure and testing frequency are attached.

11. The proposed mud program is attached (see Drilling Specialties mud letter).

12. The testing, logging, and coring programs are as follows:

D.S.T.'s or cores None

Logs DIL-TD-3700+

Neutron Density TD - 3700'

Neutron Gamma Ray 0-TD

Dipmeter - Selective

Special Tests: None

13. Anticipate no abnormal pressures or temperatures to be encountered or any other potential hazards such as Hydrogen Sulfide Gas. Low risk H₂S equipment will be used.

14. The anticipated starting date is immediately upon approval with duration of operations for approximately 30 days thereafter.

15. Water Supply: Hauled

16. Caliche for road and pad construction to be obtained from Federal pit from Section 11.

PHILLIPS PETROLEUM COMPANY
Livingston Ridge Well No. 4
Eddy County, New Mexico

DRILLING PROGNOSIS

1. Location of Proposed Well: 660' FNL & 660' FWL, Section 1, T-22-S,
R-30-E, Eddy County, New Mexico

2. Unprepared Ground Elevation: 3307' (Unprepared)

3. The geologic name of the surface formation is See Archaeological
Survey

4. Type of drilling tools will be rotary.

5. Proposed drilling depth is 7700'.

6. The estimated tops of important geologic markers are as follows:

<u>Rustler</u>	<u>315'</u>	<u>Brushy Canyon</u>	<u>5980'</u>
<u>Salado</u>	<u>620'</u>	<u>Bone Springs</u>	<u>7650'</u>
<u>Delaware Mt.</u>	<u>3780'</u>		
<u>Cherry Canyon</u>	<u>4600'</u>		

7. The estimated depths at which anticipated water, oil, gas, or other mineral bearing formations are expected to be encountered are as follows:

Oil: Brushy Canyon 5980'

8. The proposed casing program is as follows:

Surface String 13-3/8", 48#, set at 475'

Intermediate String 8-5/8", 24#, set at 3700'.

Production String 5-1/2", 14#, 15.5# set at 7700'.

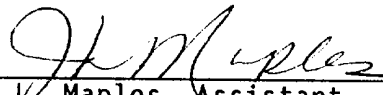
9. Cement Program:

Surface String - Cement to surface with 650 sacks Class C cement.

Intermediate String - Cemented to surface with 1200 sacks Class C.

Production String - Cement with 900 sacks C - estimated top of cement
3500'.

8. Ancillary Facilities: None
9. Well Site Layout: Attached sketch shows the relative location and dimensions of the well pad, mud pit, reserve pit, and trash pit. Location will be 250 X 250.
10. Plans for Restoration of Surface:
Pit will be backfilled and levelled as soon as practical to original condition. If well is productive, caliche pad will remain as well service pad. If dry hole, pads and access roads will be ripped per regulations. Commencement of rehabilitation operations will immediately follow removal of drilling and completion equipment from location and rehabilitation of the surface is planned to be completed within 60 days from commencement.
11. Other Information:
- A. Terrain: See Archaeological Survey
- B. Soil: See Archaeological Survey
- C. Vegetation: See Archaeological Survey
- D. Surface Use: Possible grazing
- E. Ponds and Streams: None
- F. Water Wells: None
- G. Residences and Buildings: 2 miles west of drill site
- H. Arroyos, Canyons, etc.: None
- I. Well Sign: Sign identifying and locating the well will be maintained at drill site with the spudding of the well.
- J. Archaeological Resources: See Archaeological Survey
12. Operator's Representative: Field personnel who can be contacted concerning compliance of the "Surface Use Plan" is as follows:
- | | | |
|-------------------------|----|-------------------------|
| Production and Drilling | or | D. J. Fisher |
| P. D. Appel | | 1625 West Marland |
| 4001 Penbrook Street | | Hobbs, New Mexico 88240 |
| Odessa, Texas 79762 | | Phone: 505-393-5121 |
| Phone: 915-367-1411 | | |
13. Certification:
I hereby certify that I, or persons under my direct supervision, have inspected the drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Phillips Petroleum Company and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.


J. L. Maples, Assistant
Regulation and Proration
(915) 367-1411

May 14, 1990
Date



PHILLIPS PETROLEUM COMPANY

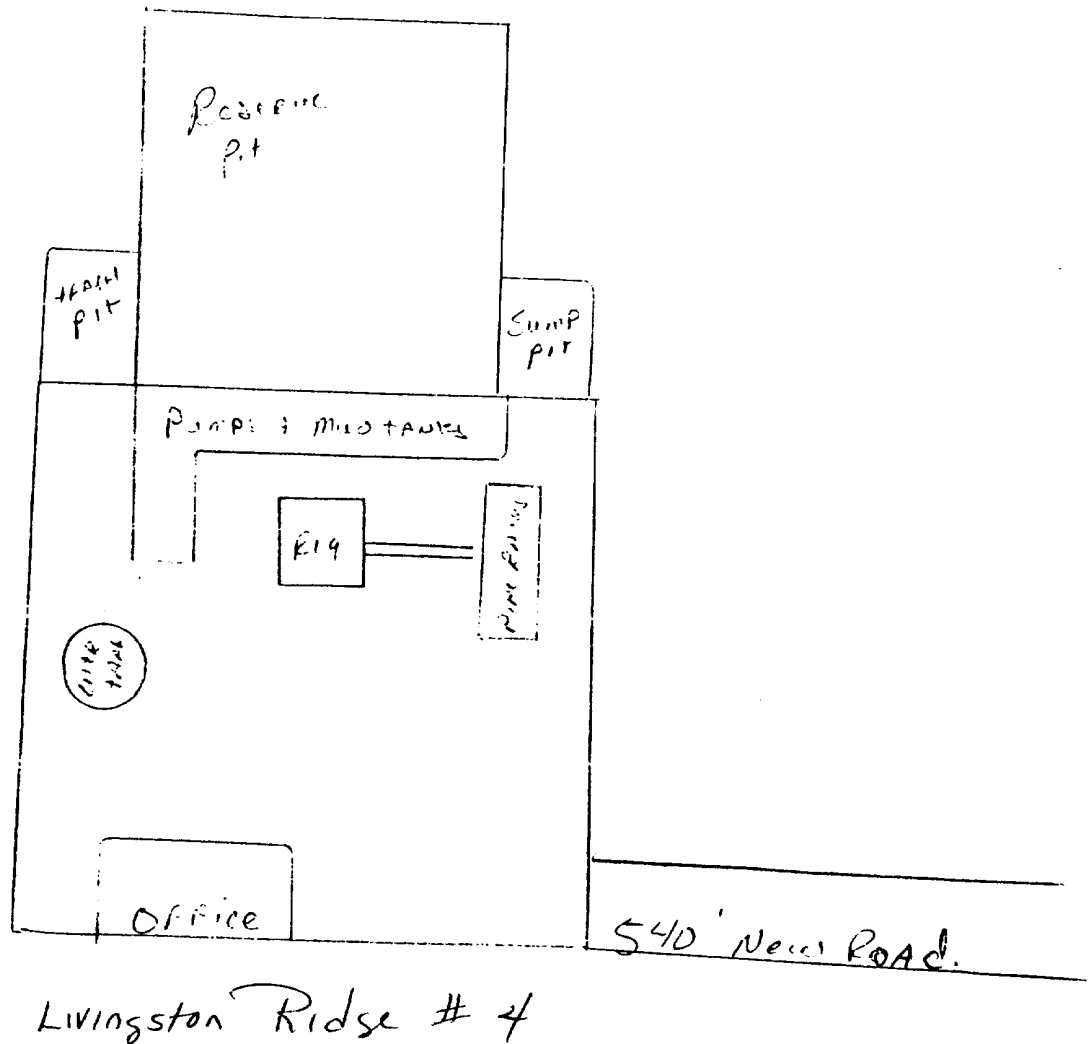
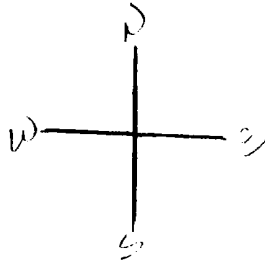
HOBBS, NEW MEXICO 88240
1625 WEST MARLAND

EXPLORATION AND PRODUCTION GROUP

RECEIVED

JUN 11 10 24 AM '90

CARLOS RICE
AREA HEAD



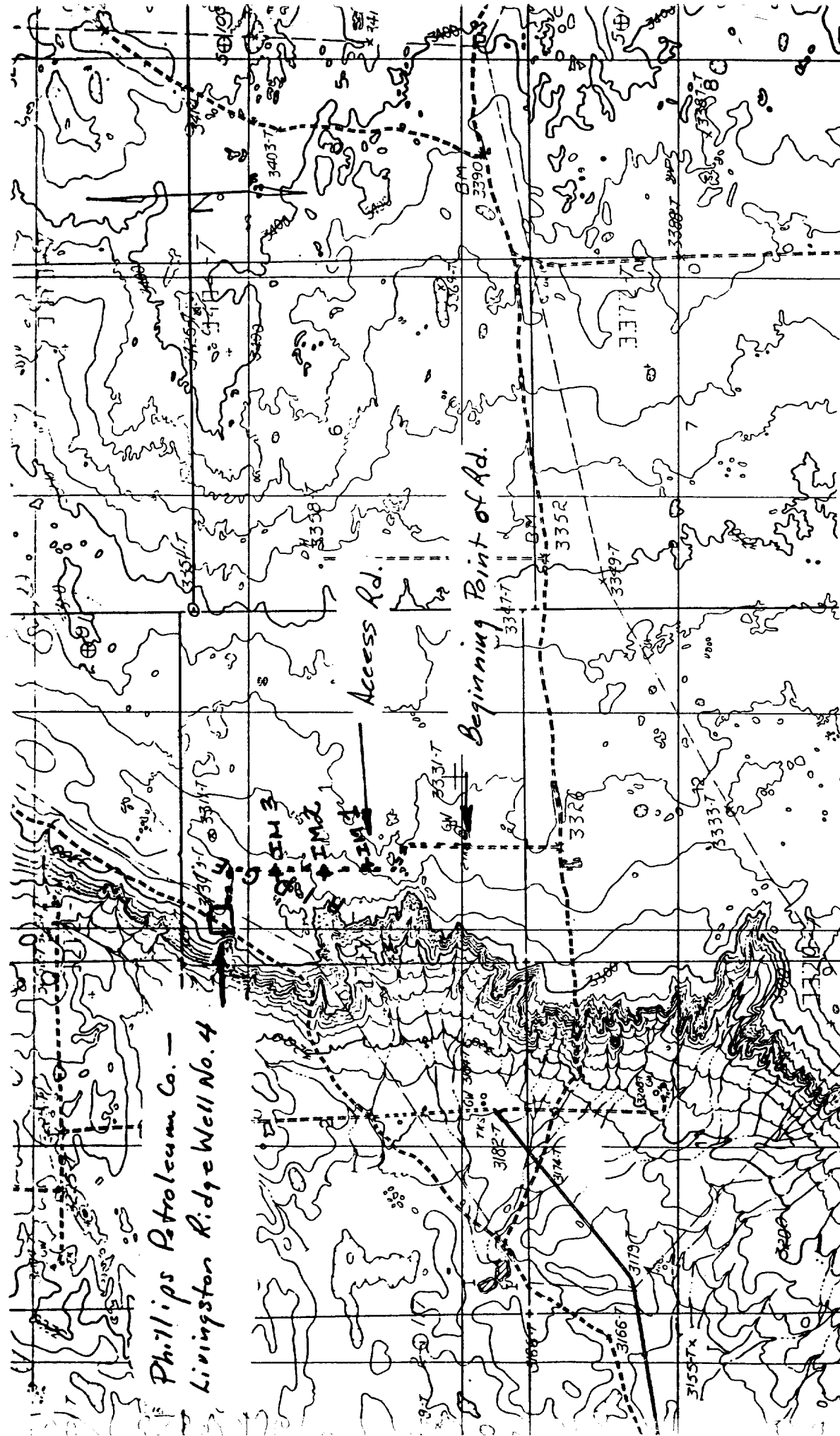


Fig. 1. USGS LIVINGSTON RIDGE QUADRANGLE, 7.5 Minute Series, 1:24,000, 1985, Prov. Ed., showing PHILLIPS PETROLEUM COMPANY's proposed Livingston Ridge Well No. 4, 660' FNL, 660' FWL, and access road, Section 1, T22S, R30E, NMPM, Eddy County, NM