



United States Department of the Interior

RECEIVED

GEOLOGICAL SURVEY

SEP 14 1973

P. O. Drawer U
Artesia, New Mexico 88210

O. C. C.
ARTESIA, OFFICE

September 13, 1973

Mr. A. L. Porter, Jr.
New Mexico Oil Conservation Commission
Post Office Box 2088
Santa Fe, New Mexico 87501

Re: Oil-Potash Area

Dear Mr. Porter:

Attached is an "Information Copy" of a Notice of Intention to Drill a well to a depth of 14,300 feet to test the Morrow formation in the SE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 24, T. 23 S., R. 30 E., N.M.P.M., Eddy County, New Mexico, filed by Phillips Petroleum Company, Room 711, Phillips Building, Odessa, Texas, 79761. The location is on Federal oil and gas lease New Mexico 0532341.

Sincerely yours,

(ORIG. SGN.) ROBERT L. BEEKMAN

Robert L. Beekman
Acting District Engineer

Attachment

Copy w/notice to: ✓ N.M.O.C.C., Artesia
U.S.G.S., Roswell
U.S.G.S., Carlsbad

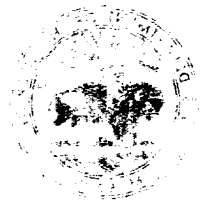
0301058

United States Department of the Interior

2041481

O.D.O.
ARTIST'S DESIGN

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
WASHINGTON, D.C. 20246



1. Title of the Project

2. Purpose and Objectives of the Project
3. Description of the Project
4. Location of the Project

5. Estimated Cost of the Project

6. Estimated Time Schedule

7. Description of the Project
8. Description of the Project
9. Description of the Project
10. Description of the Project

11. Description of the Project

12. Description of the Project

13. Description of the Project
14. Description of the Project

15. Description of the Project

16. Description of the Project
17. Description of the Project
18. Description of the Project

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 711, Phillips Building, Odessa, Texas 79761

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

At surface

1980' FW and 1980' FN Lines, Section 24

At proposed prod. zone

Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

17 miles east of Loving, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

1980' FW Line Sec. 24

PROPERTY OR LEASE LINE, FT.

(Also to nearest drig. line, if any)

(Property)

16. NO. OF ACRES IN LEASE

1000±

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

14,300'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320

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

Advise later.

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
17-1/2"	13-3/8"	48#	500'	600 sx, circ at surface.
12-1/4"	10-3/4"	51#	4000'	Sufficient to circ at surface.
9-5/8"	7-5/8"	26.4#	12,100'	Sufficient to circ at surface.
6-3/4"	5-1/2" liner	23#	Total Depth	Sufficient to cover productive intervals.

Note: Drilling operations, casing program, and completion practices will be conducted in accordance with NMOCC Rule R-111-A.

Blowout Preventers: See Attached. Ser. 900 to 4000' (Fig. 4) Ser. 1500 to TD (Fig. 2)
Mud Program: See Attached.

This well is located in a defined potash mining area. Potash lease owners are:

1. International Minerals and Chemical Corp., c/o Neal & Matkins, Attorneys, Drawer N, Carlsbad, New Mexico 88220.
2. Teledyne Potash Company, Box 101, Carlsbad, New Mexico 88220.

Copies of this filing have been mailed to these operators by certified mail, return receipt requested, on the date below. (See attached photo copy of mail receipts.)

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

W. J. Mueller

TITLE Senior Reservoir Engineer

DATE September 10, 1973

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

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 Sandy-A		Well No. 1
Unit Letter F	Section 24	Township 23 SOUTH	Range 30 EAST	County EDDY	

Actual Footage Location of Well:

1980 feet from the NORTH line and		1980 feet from the WEST line	
Ground Level Elev. 3284	Producing Formation Morrow	Pool Undesignated - Morrow Gas	Dedicated Acreage: 320 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or highlighter 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). See reverse side
3. If more than one lease of different ownership is dedicated to the well, have all owners been consolidated by communitization, unitization, force-pooling, etc?

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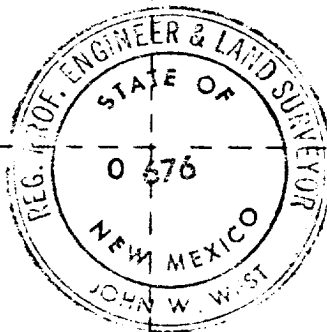
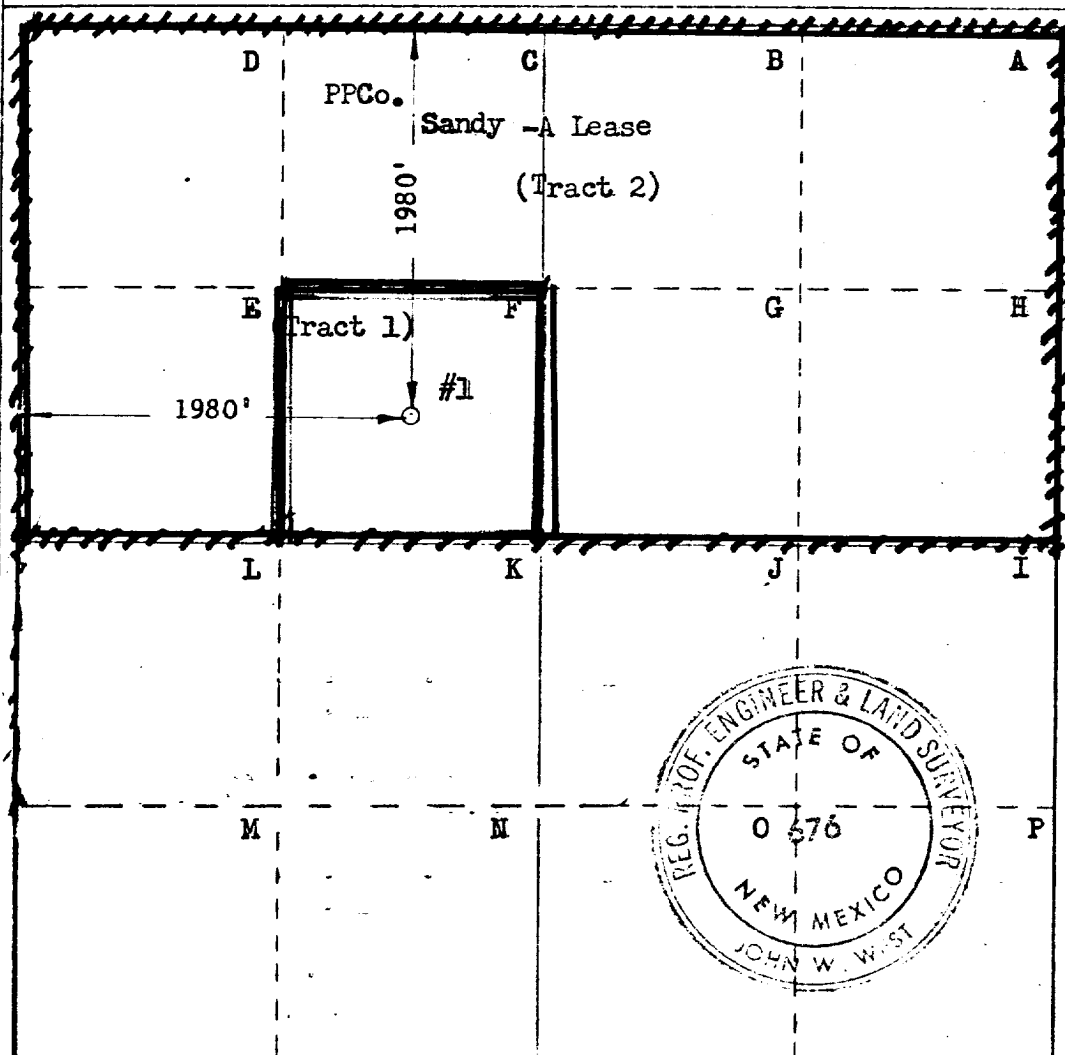
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ARTESIA, NEW MEXICO

☐ Yes ☒ No If answer is "yes," type of consolidation To be communitized upon successful completion of well. See reverse side for tract descriptions and ownership

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

Position:

Senior Reservoir Engineer

Company:

Phillips Petroleum Company

Date:

8-29-73

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:

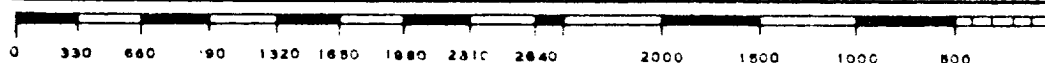
JUNE 2, 1973

Registered Professional Engineer and/or Land Surveyor

John W. West

Certificate No.

676



Tract No. 1 = SE/4 NW/4 Section 24

PPCo. - 100% WI

U. S. Dept. Interior - 100% Royalty Interest - Lease No. NM 0532341 (which includes
Other lands)

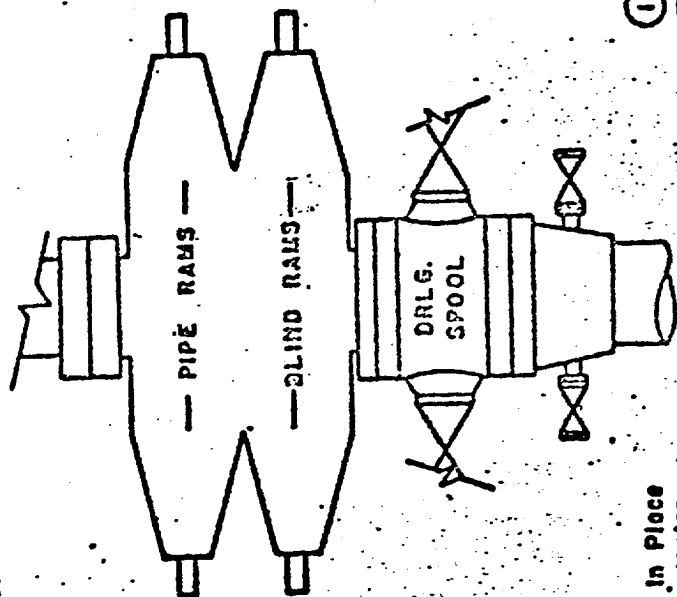
Tract No. 2 = N/2 Section 24 (except SE/4 NW/4)

PPCo. - 100% WI

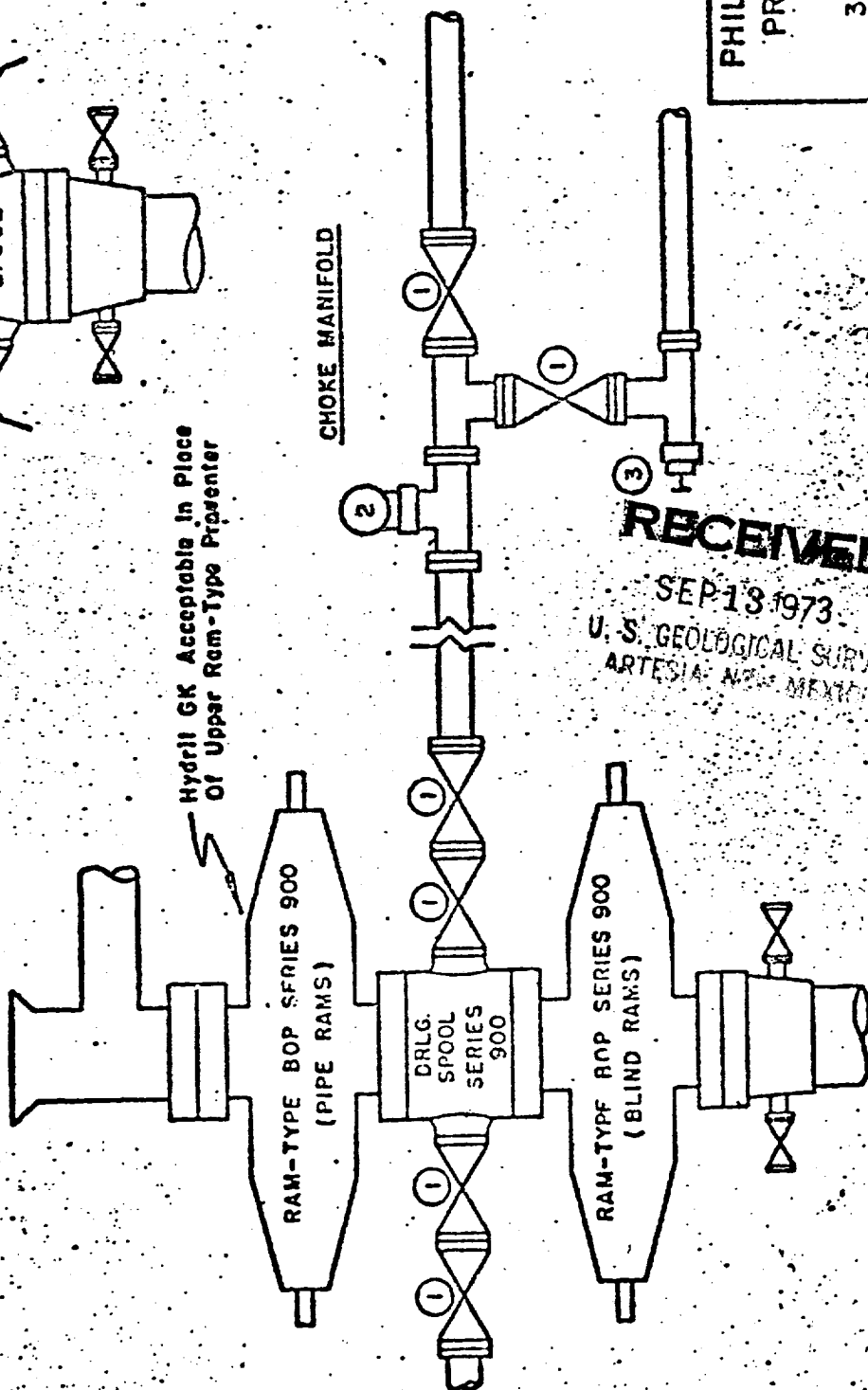
U. S. Dept. Interior - 100% Royalty Interest - Lease No. NM 0532516
(which includes other lands)

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ALTERNATE HOOKUP FOR DOUBLE PREVENTERS



- ① 2" SERIES 900 VALVE
- ② 2" MUD PRESSURE GAUGE
- ③ 2" SERIES 900 CHOKE



PHILLIPS PETROLEUM COMPANY
PRODUCTION DEPARTMENT

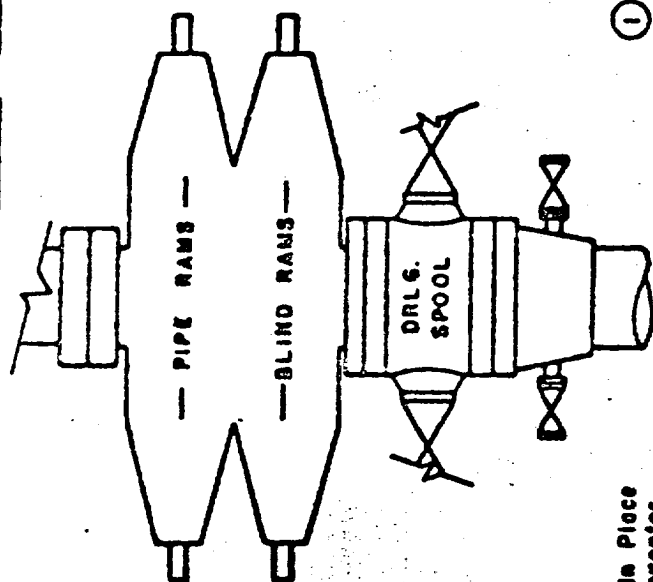
3000 PSI WORKING PRESSURE
BLOWOUT PREVENTER HOOK-UP

(SERIES 900 FLANGES OR BETTER)

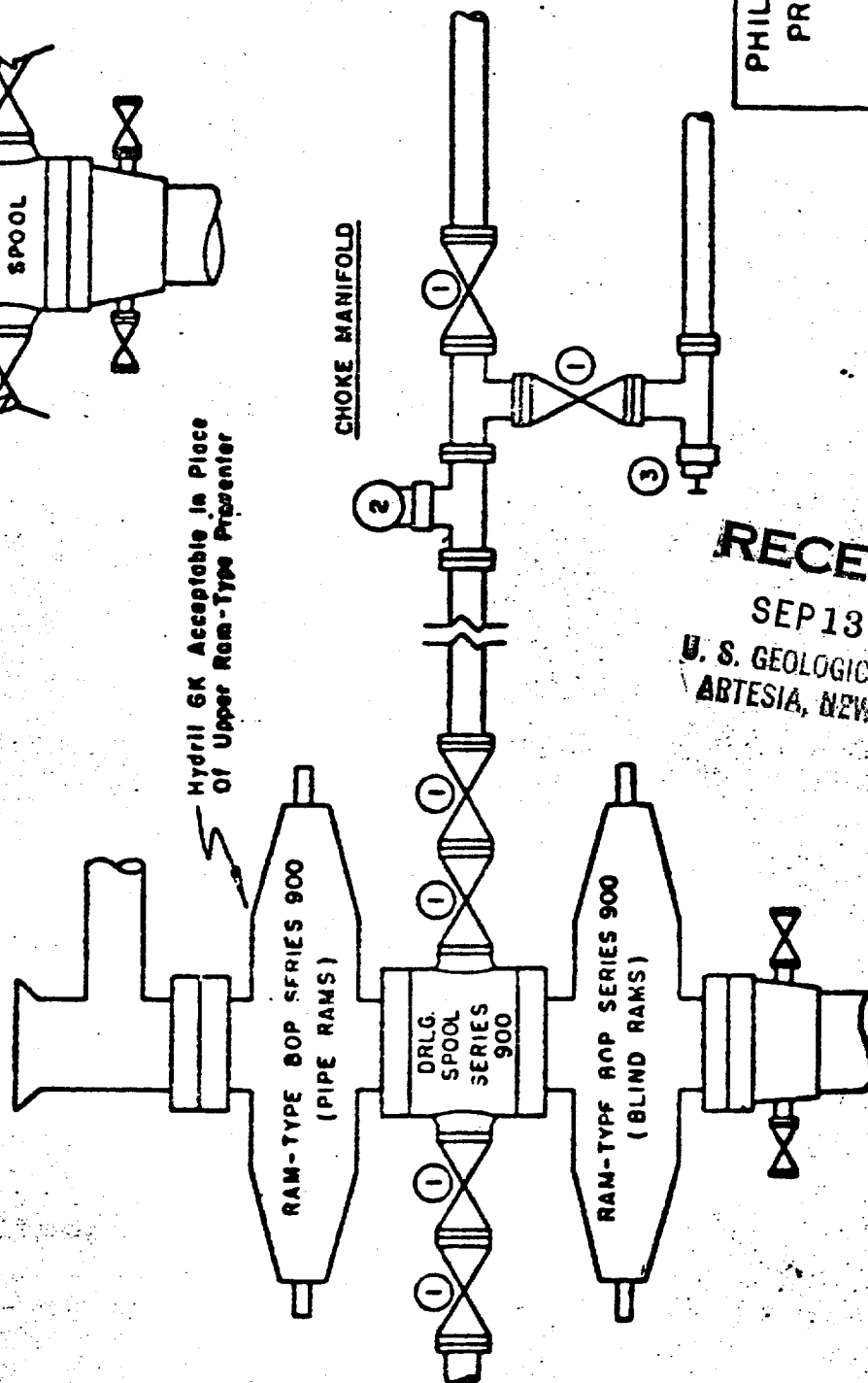
Figure 2

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ALTERNATE HOOKUP FOR DOUBLE PREVENTERS



- ① 2" SERIES 900 VALVE
- ② 2" MUD PRESSURE GAUGE
- ③ 2" SERIES 900 CHOKE



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PHILLIPS PETROLEUM COMPANY
PRODUCTION DEPARTMENT

3000 PSI WORKING PRESSURE
BLOWOUT PREVENTER HOOK-UP

(SERIES 900 FLANGES OR BETTER)

PHILLIPS PETROLEUM COMPANY

Proposed Mud Program - Sandy--A No. 1, 14,300' Morrow "Wildcat".
Section 24, T-23-S, R-30-E, Eddy County, New Mexico.

0 - 500':

Drill out with Flosal" bentonite and lime mixed to a high viscosity. Maintain sufficient viscosity to assure running of casing.

500' - 4000':

Stay in steel pits and saturate system with potash salt. Keep system super saturated. Prior to reaching casing point mix Flosal as needed to assure a clean hole for running of casing.

4000' - 12,100':

Drill out with fresh water and circulate through the reserve pit. Maintain weight at 9.2 lbs. per gal. or less, Viscosity 34 to 36 sec. per full quart out, and Fluid loss 20 to 30 cc. with Drispac*. Mix LCM as needed. If hole conditions dictate prior to reaching casing point, raise viscosity as needed to assure running of logs and casing.

12,100' - T.D.:

Have steel pits clean and drill out with a "low solids Drispac* Mud". Weight 9 lbs. per gal. or less, Viscosity 36 to 38 sec. per full quart out and Fluid loss 20 cc or less. As hole depth increases or hole conditions dictate, adjust mud properties as necessary. Should loss occur, mix LCM as needed.

Special Production Practices.

Good samples surface to TD. Possible DST's in Strawn - 1, Atoka - 1, and Morrow - 2. Mud logging unit from approximately 12,000' to total depth.

Any deviations from this program must be approved by Phillips Area Superintendent and Drilling Specialties Company with a note advising the District Manager of any changes.

* A Trademark

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Phillips Petroleum Company - Sandy-A No.1 = 1980' FW and 1980' FN lines,
Sec. 24, 23-S, 30-E, Eddy County

Attachment to
Form 9-331-C

DEVELOPMENT PLAN FOR SURFACE USE

1. Existing roads on lease: None - Caliched roadway in SW/4 Sec. 24
(See attached sketch.)
2. Planned access roads: Commence at existing road S/West of well, construct 3000' east & north to Well No. 1 (20' wide roadway x 3000') See sketch
(Actual roadway to conform to terrain - sand dune access)
3. Location of wells: Well No. 1--1980' FW & 1980' FN lines, Sec. 24, T-23-S, R-30-E, Eddy County, New Mexico
4. Lateral roads to well locations: The Jal/Loving Hwy-# 128 is approximately two miles north of wellsite. There is no access road from wellsite to that highway.
5. Tank battery and production facilities as required will be contained within drill site pad upon well completion.
6. Water supply undetermined at this time. Water storage tanks will be set on perimeter of pad.
7. All waste disposal will be put in pits and covered.
8. No camps will be located on the lease.
9. No airstrips will be located on the lease.
10. Drill site location will be an area 300' E-W x 400' N-S, cleared and leveled with reserve pits dug in the northern 200' portion. Rig, racks, pumps, steel pits, water tanks and portable office to be located on the southern 200' of the pad. The drill site proper (contained within the pad) will be permanently caliched in an approximate area of 265' E-W x 200' N-S.
11. Restoration of surface: Dug pits within the cleared area will be back-filled and leveled. The caliched pad of the cleared area is a permanent type emplacement.
12. This land use plan is essentially the same as that used on other wells of like depth in Eddy County.

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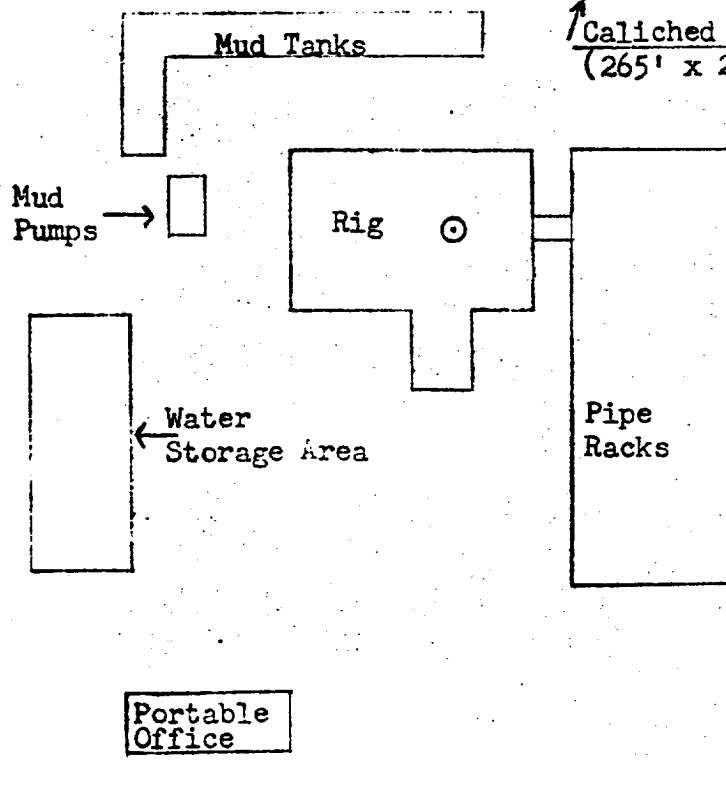
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HM:rm

Cleared Area Boundary
(300' x 400')

Reserve Pit

Cleared Area Boundary
(265' x 200')



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Cleared Area Boundary (300' x 400')

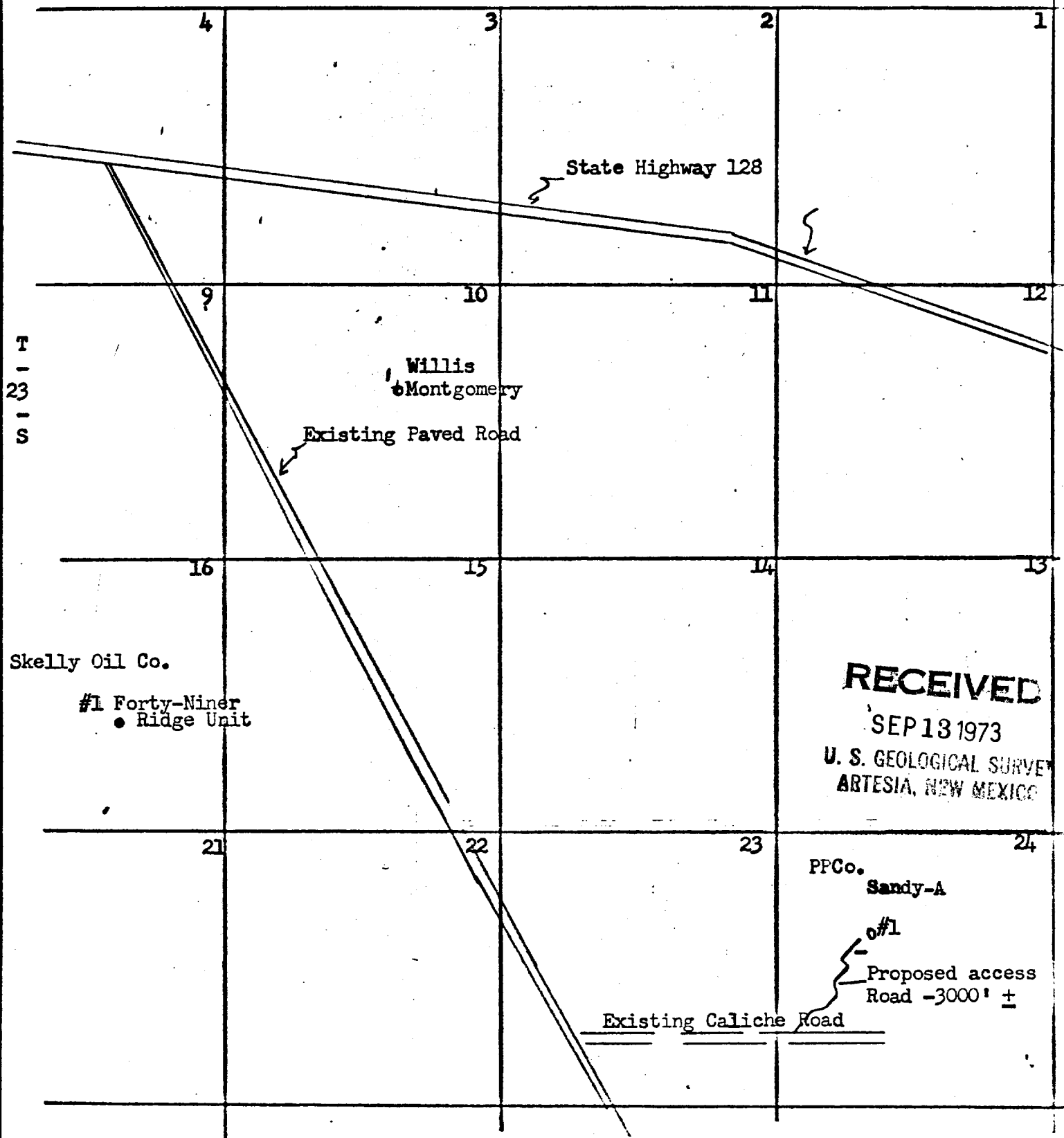
PHILLIPS PETROLEUM COMPANY

BARTLESVILLE, OKLAHOMA

DEVELOPMENT PLAN FOR SURFACE USE
SANDY-A Well No. 1 - 1980' FN&W lines, Section 24, T-23-S,
R-30-E, Eddy County, New Mexico

			DRAWN	LLF	AFE. NO.	DWG. NO. 2
			CHECKED			
REVISION	BY	DATE	APPROVED		SCALE 1"=50'	SHEET NO. 1

R-30-E



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ARTESIA, NEW MEXICO

Skelly Oil Co.

#1 Forty-Niner
• Ridge Unit

PPCo.
Sandy-A

#1

Proposed access
Road -3000' ±

Existing Caliche Road

PHILLIPS PETROLEUM COMPANY

BARTLESVILLE, OKLAHOMA

DEVELOPMENT PLAN FOR SURFACE USE

Sandy-A Well No. 1

= 1980' FN&W lines, Section 24, T-23-S, R-30-E, Eddy
County, New Mexico

DRAWN 11/1/73

AFE. NO.

DWG. NO.

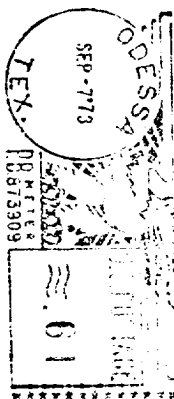


PHILLIPS PETROLEUM COMPANY
EXPLORATION & PRODUCTION DEPARTMENT
PHILLIPS BUILDING, FOURTH & WASHINGTON
ODESSA, TEXAS 79761

CERTIFIED MAIL
Return Receipt Requested

INTERNATIONAL MINERALS AND CHEMICAL CORP.
% Neal & Matkins, Attorneys
Drawer N,
Carlsbad, New Mexico 88220

SEP 13 1973
ODESSA TEXAS



PHILLIPS PETROLEUM COMPANY
EXPLORATION & PRODUCTION DEPARTMENT
PHILLIPS BUILDING, FOURTH & WASHINGTON
ODESSA, TEXAS 79761

CERTIFIED MAIL
Return Receipt Requested

TELEDYNE POTASH COMPANY
P. O. BOX 101,
Carlsbad, New Mexico 88220

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