NM OIL CONS. COMMISSION
Drawer DD
Artesia, NM 88210

Form 9-331 C
(May 1963)

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1425.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK: DRILL [X] DEEPEN [ ] PLUG BACK [ ]

b. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] OTHER — SINGLE ZONE [ ] MULTIPLE ZONE [X]

RECEIVED

2. NAME OF OPERATOR: Exxon Corporation ✓

3. ADDRESS OF OPERATOR: P. O. Box 1600, Midland, TX 79702

DEC 1 1982

O. C. D.
ARTESIA, OFFICE

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface: ~~2040'~~ 2190' FSL and ~~738'~~ 588' FEL of Section
At proposed prod. zone

W.I

5. LEASE DESIGNATION AND SERIAL NO.: NM-31200

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: ---

7. UNIT AGREEMENT NAME: ---

8. FARM OR LEASE NAME: Lakewood Federal

9. WELL NO.: 3

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 34, T19S, R25E

12. COUNTY OR PARISH: Eddy

13. STATE: New Mexico

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*: 15.9 miles South from Artesia

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any): 600' lse. line 600' drlg line

16. NO. OF ACRES IN LEASE: 120

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.: 1380' S to #2

19. PROPOSED DEPTH: 3000

20. ROTARY OR CABLE TOOLS: Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.): 3532' GR

22. APPROX. DATE WORK WILL START*: December 1982

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
20"	16"	75#	40'	Readi-Mix to surface
12 1/4"	8 5/8"	24#	480'	240 cu. ft. to surface
7 7/8"	5 1/2"	14#	3000'	520 cu. ft. to surface

Gas is not dedicated to a purchaser.

RECEIVED
NOV 10 1982
U.S. GEOL. SURVEY
ROSWELL, NEW MEXICO

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 Meeba Knipling TITLE Unit Head DATE November 9, 1982

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY (Orig. Sgd.) GEORGE H. STEWART TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

Note: Use fresh water mud from 0 to 1100'.

Exxon Lse. No. _____ NEW MEXICO OIL CONSERVATION COMMISSION

State Lse. No. _____ WELL LOCATION AND ACREAGE DEDICATION PLAT

Federal Lse. No. _____

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

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

Operator	Lease	Well No.
Exxon Corporation	Lakewood Federal	3

Unit Letter	Section	Township	Range	County
I	34	19 S	25E	Eddy

Actual Footage Location of Well:
2190 feet from the South line and 588 feet from the East line

Ground Level Elev.	Producing Formation	Pool	Dedicated Acreage:
3532	Bone Springs	Wildcat	40 Acres

RECEIVED
DEC 1 1982
O. C. D.
ARTESIA, OFFICE

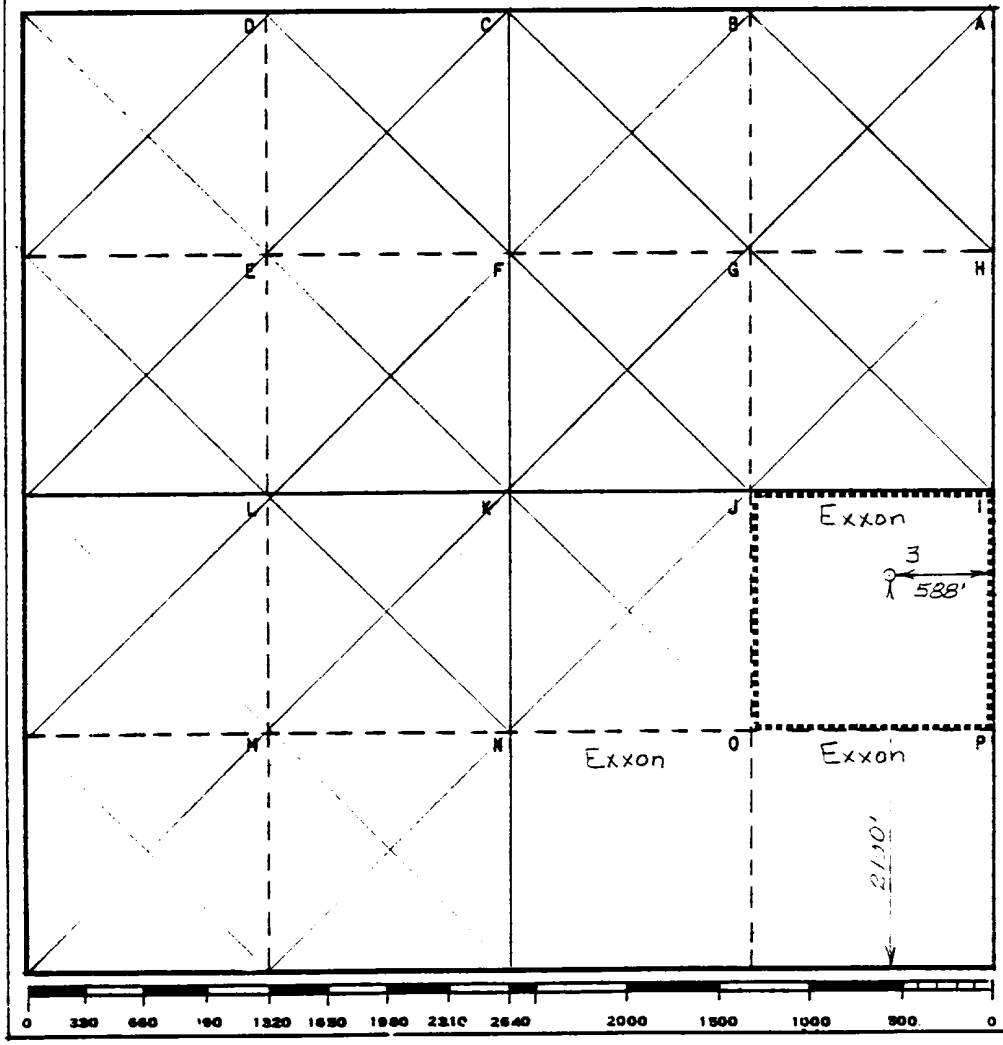
1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is 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 _____

RECEIVED
NOV 26 1982
OIL & GAS
MIDDLE LIGHT SERVICE
ROSWELL, NEW MEXICO

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 Melba Knipling

Position **UNIT HEAD**

Company Exxon Corporation

Box 1600 Midland, Texas

Date 11-19-82

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 11-19-82

Registered Professional Engineer and/or Land Surveyor

W. J. Richmond

Certificate No. 6157

15.9 Miles S of Artesia, New Mexico

C.E. Sec. File No. WA-7925

Exxon Lse. No. _____ NEW MEXICO OIL CONSERVATION COMMISSION

State Lse. No. _____ WELL LOCATION AND ACREAGE DEDICATION PLAT

Federal Lse. No. _____

Form C-102
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☐ Yes ☐ No If answer is "yes," type of consolidation _____

RECEIVED
NOV 26 1982
MINERALS MGMT. SERVICE
ROSWELL, NEW MEXICO

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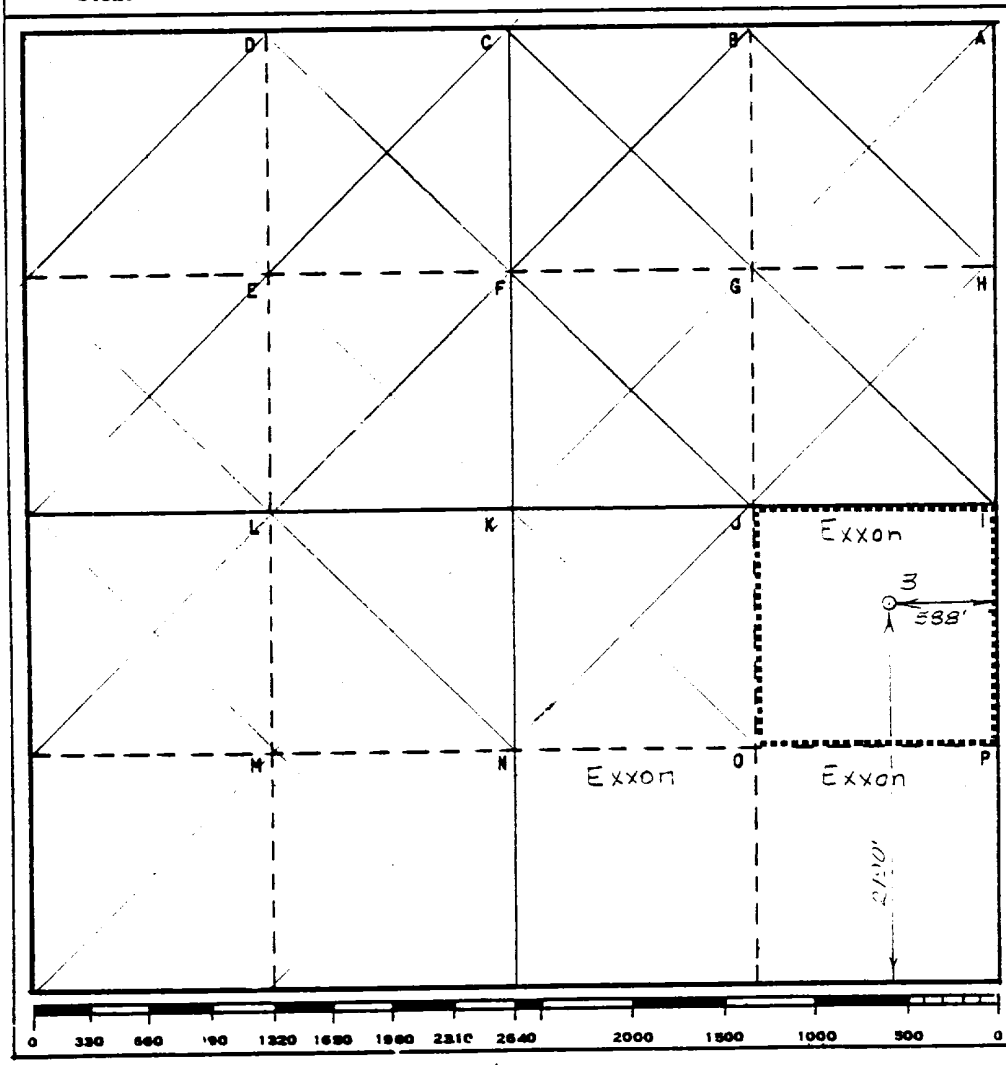


CERTIFICATION

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

Name: Nelda Kripling

Position: UNIT HEAD

Company: Exxon Corporation

Box 1600 Midland, Texas

Date: 11-19-82

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: 11-19-82

Registered Professional Engineer and/or Land Surveyor

W. J. Kirkman

Certificate No. 6157

15.9 Miles S of Artesia, New Mexico

C.E. Sec. File No. WA-7925

Exxon Corporation
Lakewood Federal Well #3
2040' FSL and 738' FEL
Sec. 34, T19S, R25E
Eddy County, New Mexico
Federal Lease No. NM-31200

1. The geologic name of the surface formation: Recent.

2. The estimated tops of important geologic markers:

Yates	450'
Capitan	700'
Seven Rivers	1200'
San Andres	2300'
Yeso	2400'

3. The estimated depths at which anticipated water, oil, gas, or other mineral bearing formations are expected to occur:

Water	50'
Oil	2400'

4. Proposed Casing Program:

String	Size	Weight/Grade	Condition	Depth Interval
Surface	8-5/8"	24#/K-55	New or Used	0- 480'
Production	5 1/2"	14#/K-55	New or Used	0-3000'

5. Minimum specifications for pressure control equipment:

   a. Wellhead Equipment - Threaded type 2000 spi WP for 8-5/8" x 5-1/2" casing program and 2-7/8" tubing.

   b. Blowout Preventers - Refer to attached drawing and list of equipment titled "Type I-C" for description of BOP stack and choke manifold.

   c. BOP Control Unit - Unit will be hydraulically operated and have at least 4 control stations.

   d. Testing - When installed on 8-5/8" surface casing the BOP stack will be tested to a low pressure (200-300 psi) and to 2000 psi. Casing rams will be tested in like manner when installed prior to running production casing. An operational test of the blowout preventers will be performed on each round trip (but not more than once each day); the annular and pipe ram preventers will be closed on drill pipe, and the blind rams will be closed while pipe is out of the hole.

Lakewood Federal Well
Federal Lease No. NM-3[illegible]0

6. Type and Anticipated Characteristics of Drilling Fluid:

Depth Interval (Feet)	Mud Type	Weight (ppg)	Funnel Visc. (Sec/Qt)	WL (cc)	pH
0-~~480~~ 1100'	FW Mud	8.6-9.0	30-33	-	10.5
1100'-~~480~~ TD	Brine	10	30-33	10	10.5

7. Auxiliary Control Equipment:

   a. Kelly Cocks: Upper and lower installed on kelly.

   b. Safety Valve: Full opening ball type to fit each type and size of drill pipe in used will be available on rig floor at all times, in open position for stabbing into drill pipe when kelly is not in the string.

   c. Trip tank to insure that hole is full and takes proper amount of fluid on trips. Will be used during drilling of production hole.

   d. Mud system monitoring equipment and floats at the bit will not be used unless conditions dictate.

8. Testing, Logging, and Completion Programs:

   a. Logging: 2400'-TD CNL-FDC, DIL
   Surface-TD SNP-GR

   b. Completion - Formation: Yeso 2400-3000'

   Proposed Completion Procedure: Spot acid across pay zone. Run GR-CCL and perforate. Acidize with 4000 gallons 15% gelled NE HCl.

   c. Production Method: Run packer on 2-7/8" tubing and set above Yeso perforations. Produce Yeso oil up the tubing.

9. Abnormal Pressure or Other Possible Hazards:

   a. No abnormal pressure is anticipated.

   b. No H_2S problem is expected.

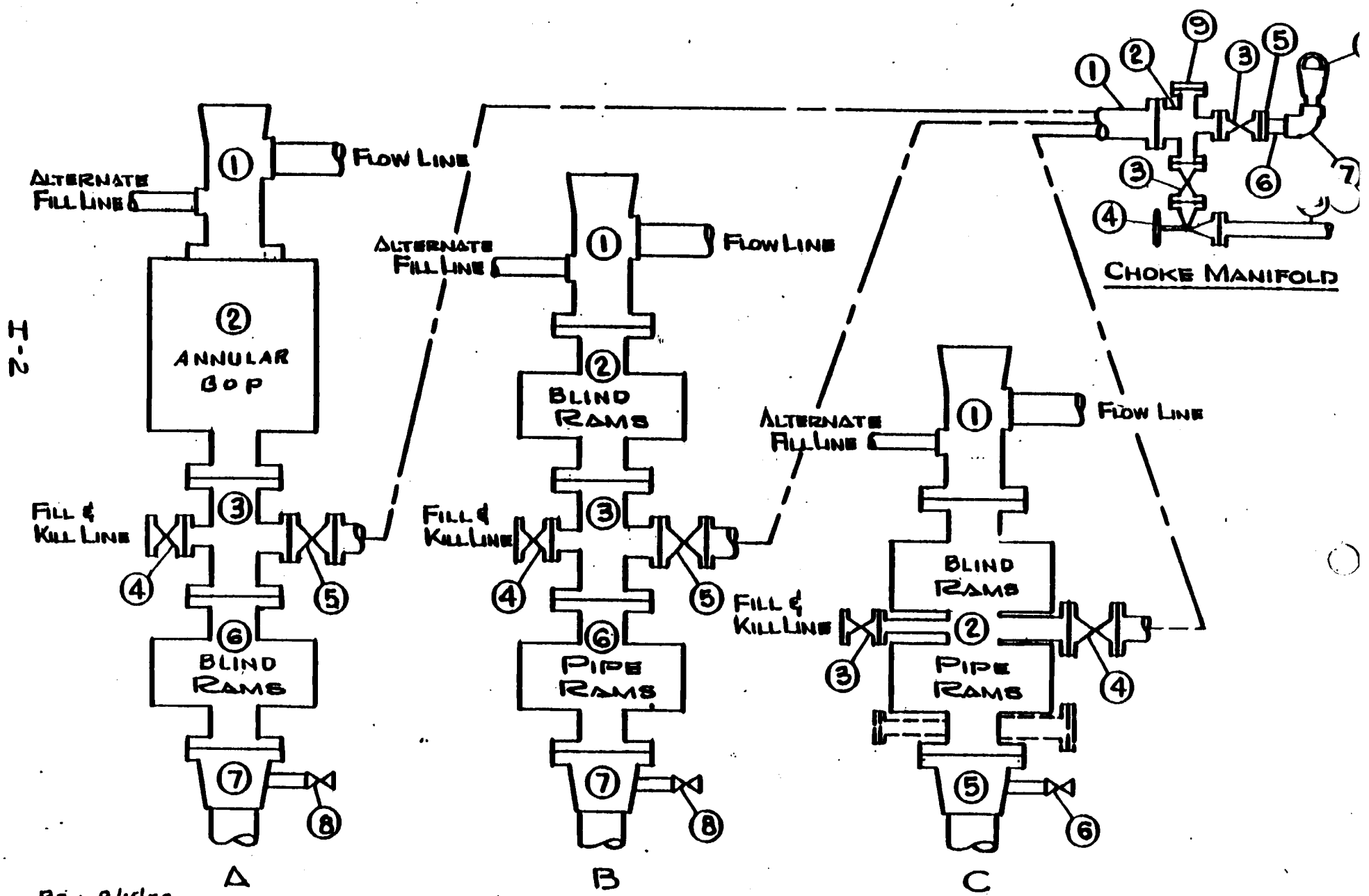
10. It is anticipated that the drilling and completion operations will begin in October 1982, and be finished in approximately three weeks.

KH:lj

MIDLAND DRILLING ORGANIZATION

BLOWOUT PREVENTER SPECIFICATION

TYPE I



REV. 9/15/79

TYPE I

BOP stack "A", "B" or "C" acceptable. All equipment should be at least API 2000 psi W.P. or higher unless otherwise specified.

BOP STACK "A"

1. Bell Nipple with flow line and fill connection.
2. Hydril or Shaffer bag type preventar.
3. Flanged spool with one 4-inch and one 2-inch (minimum) outlet.
4. 2-inch (minimum) flanged plug or gate valve.
5. 4-inch flanged pressure operated gate valve or manual operated plug or gate valve.
6. Ram type pressure operated blowout preventar with blind rams.
7. Screw type casing head (furnished by Exxon) with flange adaptar (furnished by contractor).
8. Plug or gate valve (furnished by Exxon).

BOP STACK "B"

1. Bell nipple with flow line and fill connection.
2. Ram type pressure operated blowout preventar with blind rams.
3. Flanged spool with one 4-inch and one 2-inch (minimum) outlet.
4. 2-inch (minimum) flanged plug or gate valve.
5. 4-inch flanged pressure operated gate valve or manual operated plug or gate valve.
6. Ram type pressure operated blowout preventar with pipe rams.
7. Screw type casing head (furnished by Exxon) with flange adaptar (furnished by contractor).
8. Plug or gate valve (furnished by Exxon).

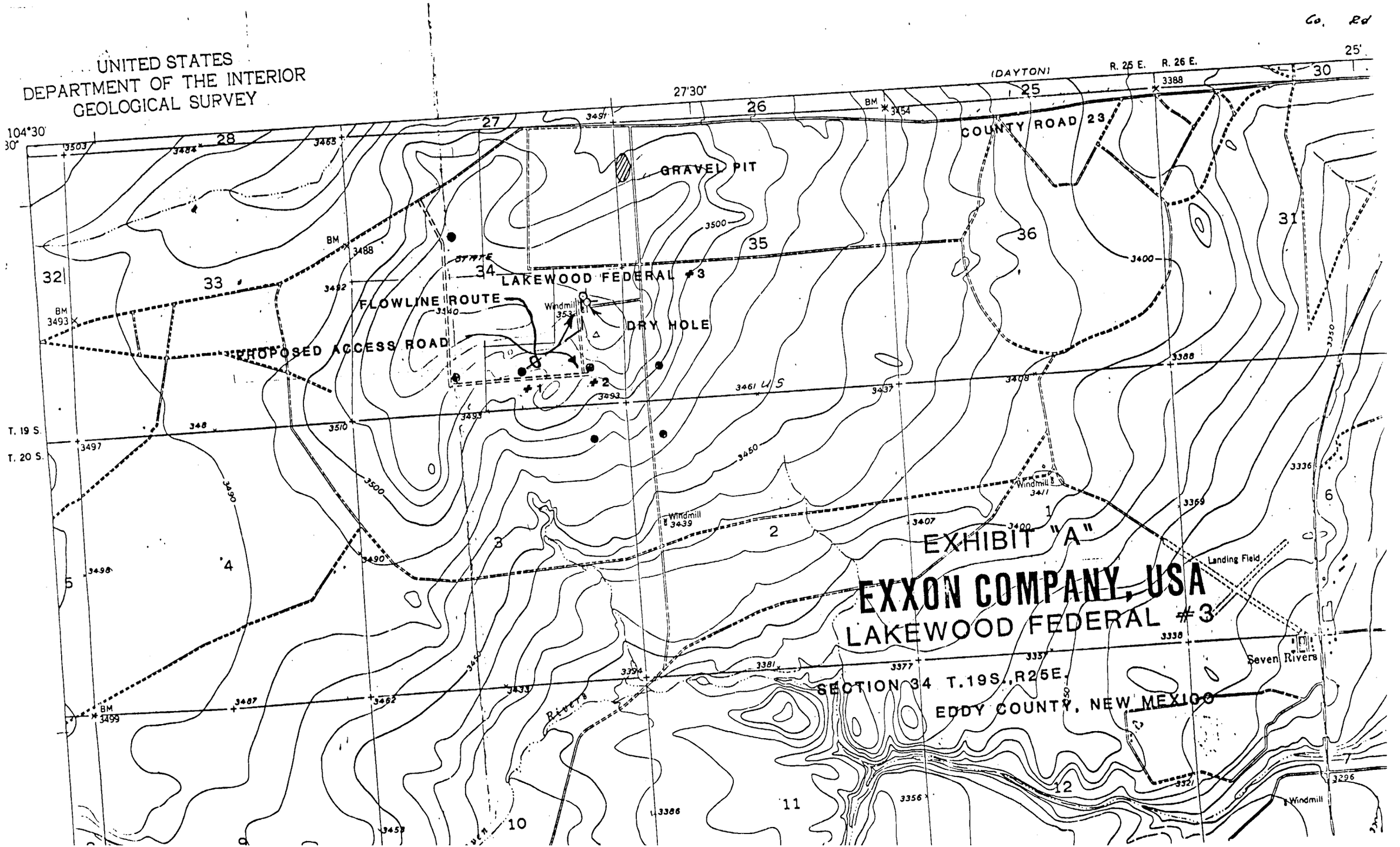
BOP STACK "C"

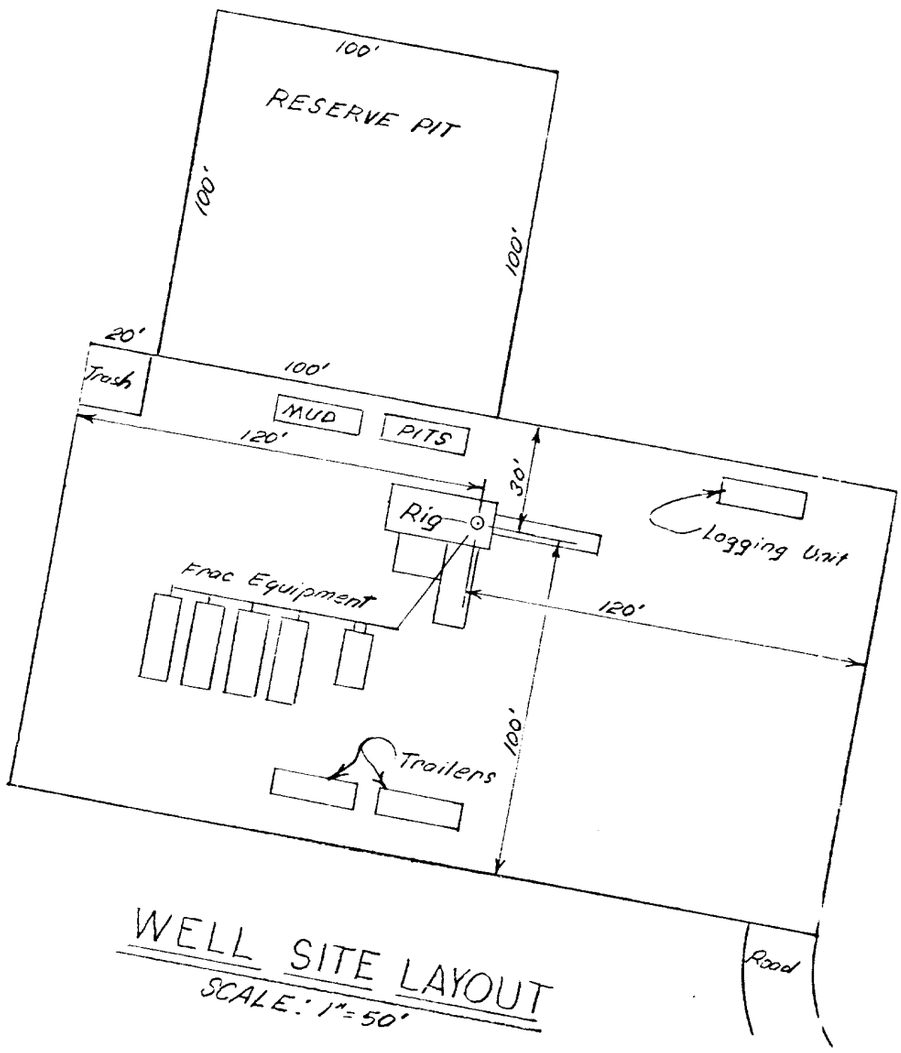
1. Bell nipple with flow line and fill connection.
2. Double pressure operated ram type preventar with blind rams in the top and pipe rams in the bottom with one 4-inch and one 2-inch (minimum) side outlets.
3. 2-inch (minimum) flanged plug or gate valve.
4. 4-inch flanged pressure operated gate valve or manual operated plug or gate valve.
5. Screw type casing head (furnished by Exxon) with flange adaptar (furnished by contractor).
6. Plug or gate valve (furnished by Exxon).

CHOKE MANIFOLD

1. 4-inch flanged spacer spool.
2. 4-inch X 2-inch X 2-inch X 2-inch flanged cross.
3. 2-inch flanged plug or gate valve.
4. 2-inch flanged adjustable choke.
5. 2-inch threaded flange.
6. 2-inch X H nipple.
7. 2-inch forged steel Ell.
8. Cameron (or equal.) threaded pressure gage.
9. Blind flange.
10. 2-1/2-inch pipe, 300' to pit, anchored.

NOTES:
1. Replacement pipe rams and blind rams shall be on location at all times.
2. Only type U, QRC, E and LWS ram type preventers acceptable.


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
Co. Rd
104°30'
30'
27'30"
25'
(DAYTON)
R. 25 E.
R. 26 E.
COUNTY ROAD 23
GRAVEL PIT
LAKEWOOD FEDERAL #3
FLOWLINE ROUTE
DRY HOLE
PROPOSED ACCESS ROAD
STATE
BM
Windmill
T. 19 S.
T. 20 S.
Landing Field
Seven Rivers
Rivers
EXHIBIT "A"
EXXON COMPANY, USA
LAKEWOOD FEDERAL #3
SECTION 34 T.19S., R25E.
EDDY COUNTY, NEW MEXICO



WELL SITE LAYOUT
SCALE: 1" = 50'

+71.9'

200' N.

200' W R.P. =

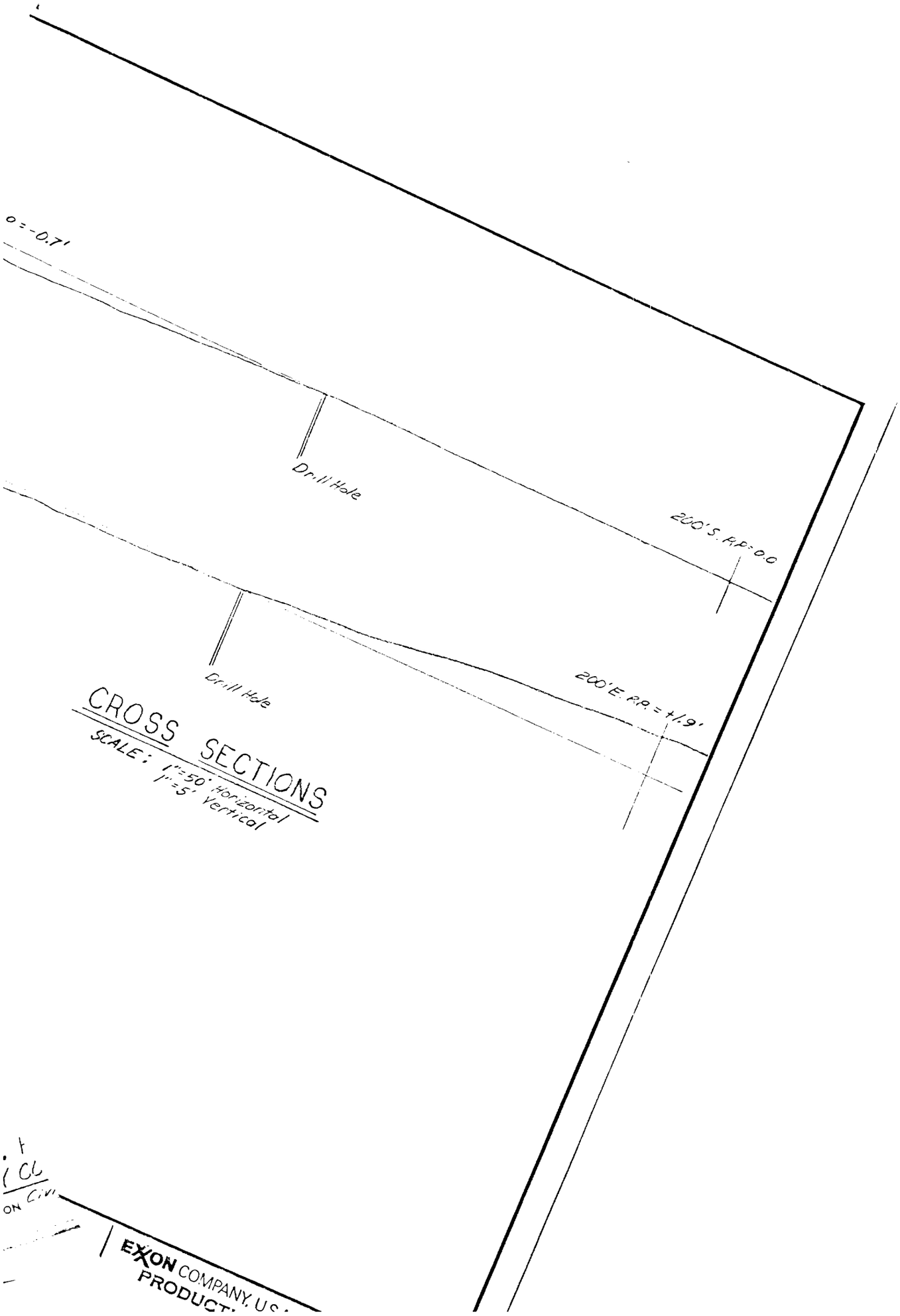
+0.0

+0.7

EXXON'S L
SECTION 34

DRAWN C.S. Smith
CHECKED

SCALE
DATE



CROSS SECTIONS

SCALE: 1"=50' Horizontal
1"=5' Vertical

EXXON COMPANY, U.S.A.
PRODUCT