Form 9-331 C
(May 1963)

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1425.

30-039-20784

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 [ ] GAS WELL [X] OTHER SINGLE ZONE [ ] MULTIPLE ZONE [ ]

2. NAME OF OPERATOR: Continental Oil Company

3. ADDRESS OF OPERATOR: 152 North Durbin St., Casper, Wyoming 82601

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface: 1710' FNL, 800' FEL (SE NE)
At proposed prod. zone

RECEIVED OCT 1 1973 OIL CON. COM. DIST. 3

5. LEASE DESIGNATION AND SERIAL NO.: NM 10431

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Conoco 29-4

9. WELL NO.: 5

10. FIELD AND POOL, OR WILDCAT: ~~East San Juan~~ Basin - Dakota

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 12, T29N, R4W

12. COUNTY OR PARISH: Rio Arriba

13. STATE: New Mexico

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

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any): 1,760.94

16. NO. OF ACRES IN LEASE: 1,760.94

17. NO. OF ACRES ASSIGNED TO THIS WELL: 320

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.:

19. PROPOSED DEPTH: 8500'

20. ROTARY OR CABLE TOOLS: Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.): 7112.0 GR

22. APPROX. DATE WORK WILL START*: 10-15-73

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24#	200'	150 sacks Class "A"
7 7/8"	5 1/2"	14-15.5-17#	8500'	300-200-110 Poz "A" - 3 stages

It is proposed to drill the subject well to test for commercial gas production from the Dakota formation. The drilling rig will be equipped with a blowout preventer which will be tested daily. Also, all equipment used in the drilling operations will be equipped with all safety devices prescribed by the U. S. Forest Service, and all operations will be conducted according to their rules and regulations.

RECEIVED OCT 5 1973 U. S. GEOLOGICAL SURVEY FARMINGTON, N.M.

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 J. A. Ubben TITLE Administrative Supervisor DATE 10/2/73

(This space for Federal or State office use)

PERMIT NO. APPROVAL DATE

APPROVED BY TITLE DATE

CONDITIONS OF APPROVAL, IF ANY:

Oil

*See Instructions On Reverse Side

USGS(6) NMOCC(2) U. S. Forest Service File(2)

NEW MEXICO OIL CONSERVATION COMMISSION

WELL LOCATION AND ACERAGE DEDICATION PLAT

All distances must be from the outer boundaries of the Section

Operator	Lease	Well No.
CONTINENTAL OIL COMPANY	CONOCO 29-4	5

Unit Letter	Section	Township	Range	County
H	12	29 NORTH	4 WEST	RIO ARRIBA

Actual Footage Location of Well: 1710 feet from the NORTH line and 800 feet from the EAST line

Ground Level Elev.	Producing Formation	Pool	Dedicated Avereage:
7112.0		Basin Dakota	320 Acres

1. Outline the acerage 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),

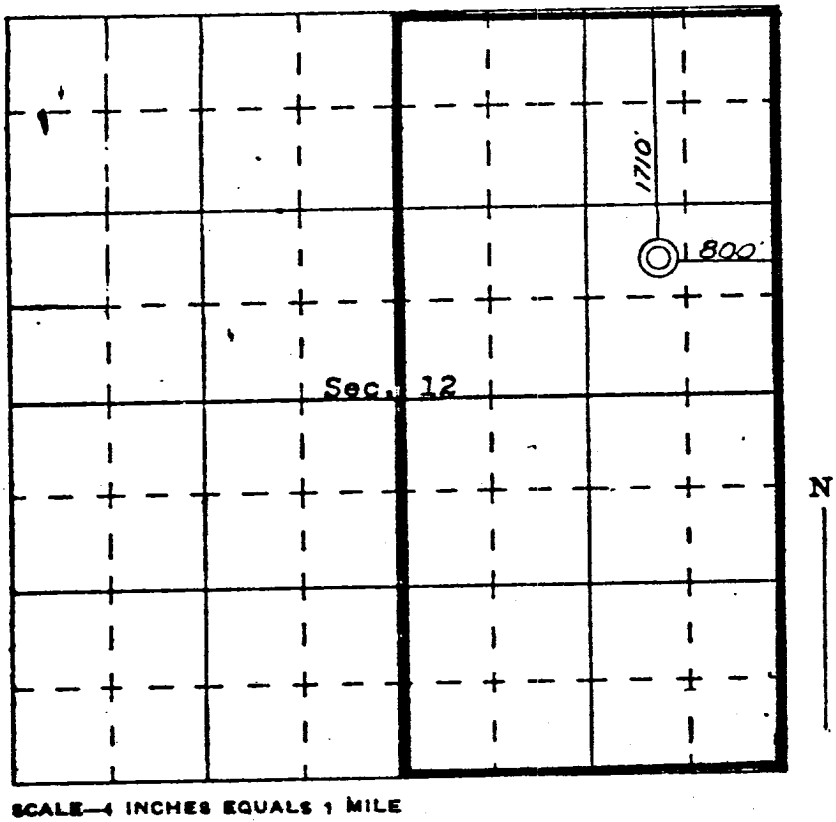
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling. etc?

( ) Yes ( ) No If answer is "yes," type of consolidation .....

If answer is "no," list the owners and tract descriptions which have actually 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.

RECEIVED OCT 9 1973 OIL CON. COM. DIST. 3



SCALE—4 INCHES EQUALS 1 MILE

SAN JUAN ENGINEERING COMPANY, FARMINGTON, N. M.

CERTIFICATION

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

Name: J. A. Ubben

Position: Administrative Supervisor

Company: Continental Oil Company

Date: October 2, 1973

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: 26 September, 1973

Registered Professional Engineer and/or Land Surveyor: JAMES P. LEESE

Certificate No. 1463

NM-835

Form 9-1123

SUPERVISOR, OIL AND GAS OPERATIONS:

DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of Oil and Gas Lease

DISTRICT LAND OFFICE: Santa Fe, New Mexico
SERIAL NUMBER: NM-10431

and hereby designated

NAME: Continental Oil Company
P. O. Drawer 1267
ADDRESS: Ponca City, Oklahoma

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Oil and Gas Operating Regulations with respect to (describe acreage to which this designation is applicable):

T - 29 - N, R - 4 - W, NMPM

Section 12: E/2

Rio Arriba County, New Mexico

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Oil and Gas Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the oil and gas supervisor of any change in the designated operator.

AZTEC OIL & GAS COMPANY

ATTEST:

Naomi D. Langran
Assistant Secretary

By: Kenneth A. Swanson
Vice President

2000 First National Bank Building
Dallas, Texas 75202

September 25, 1973
(Date)

conoco

Production Department

Western Hemisphere Petroleum Division
Continental Oil Company
152 North Durbin
Casper, Wyoming 82601
(307) 234-7311

October 3, 1973

Mr. Jerry W. Long (6)
District Engineer
U. S. Geological Survey
P.O. Box 1809
Durango, Colorado 81301

Dear Mr. Long:

Development Plan for Surface Use
Gas Well Drilling Program
East San Juan Field
Rio Arriba County, New Mexico
File: PC-414-GF

Continental Oil Company plans development gas well drilling operations in the subject area, and the following "Development Plan For Surface Use" will apply to the following location:

Conoco 29-4 No. 5
1710' FSL, 800' FEL
Section 12, T29N, R4W

Development Plan For Surface Use

1. Existing roads and exit from main highway are shown on the attached topographic map. Access will be from New Mexico Highway No. 17, down the old Gas Buggy road to where an existing road branches off in Section 7 and passes near the well location in Section 12. This road has been previously used as access to Conoco 29-4 No. 2.

2. Access will be by existing roads with the exception of a lateral road to the well location. The proposed lateral road of approximately 200 yards will be constructed according to U. S. Forest Service specifications.

3. Conoco 29-4 No. 2 in SE NE of Section 11 is the nearest well to the proposed location.

4. Covered in Item No. 2.

5. No tank battery is planned at this time; however, if condensate production makes the setting of a tank necessary, it will be placed directly adjacent to the well and production will be trucked from the location as necessary. A gas sales line, if needed, will be installed under the master pipeline plan outlined by the U. S. Forest Service.

Production Department

Western Hemisphere Petroleum Division
[illegible] Oil Company
[illegible] Martin
[illegible] Wyoming 82601
[illegible]

[illegible]

[illegible]
District Manager
[illegible] Petroleum Corp.
[illegible] Box [illegible]
[illegible], Colorado [illegible]

Re: [illegible]

[illegible]
[illegible] Well Permits [illegible]
[illegible]
[illegible] County, [illegible]
[illegible]

[illegible] Oil Company [illegible] [illegible] operation [illegible] the subject area, and the [illegible] [illegible] [illegible] has [illegible] [illegible] [illegible] [illegible]

[illegible]
[illegible]
[illegible]

[illegible] Plan for [illegible]

1. [illegible] roads are well [illegible] [illegible] shown on the attached topographic map. [illegible] will be [illegible] [illegible] [illegible] the old Fox Draw road to where an existing road [illegible] [illegible] location. [illegible] [illegible] in section 12. [illegible] has been provided [illegible]

2. [illegible]

3. [illegible]

4. [illegible] [illegible]

5. [illegible] [illegible]

6. [illegible] [illegible] [illegible]

6. Water will be trucked from the Vaqueros water pit and, if needed, from the pond near the old Gas Buggy well location.

7. Contract for the drilling operations will obligate the contractor to keep the location and right-of-ways clean of debris at all times. A burn pit at the drillsite will be used to dispose of all burnable materials. All unburnable trash will be buried or hauled away to designated dumping areas. A pit toilet will be provided by the contractor for personnel use.

8. No camps will be constructed.

9. No airstrips are planned.

10. The attached Rig Layout plat indicates the general dimensions and location of the various components to be used in the drilling operation.

11. Topsoil will be stockpiled and used to reshape the location after operations are completed. Reseeding and reshaping the location will be subject to U. S. Forest Service specifications.

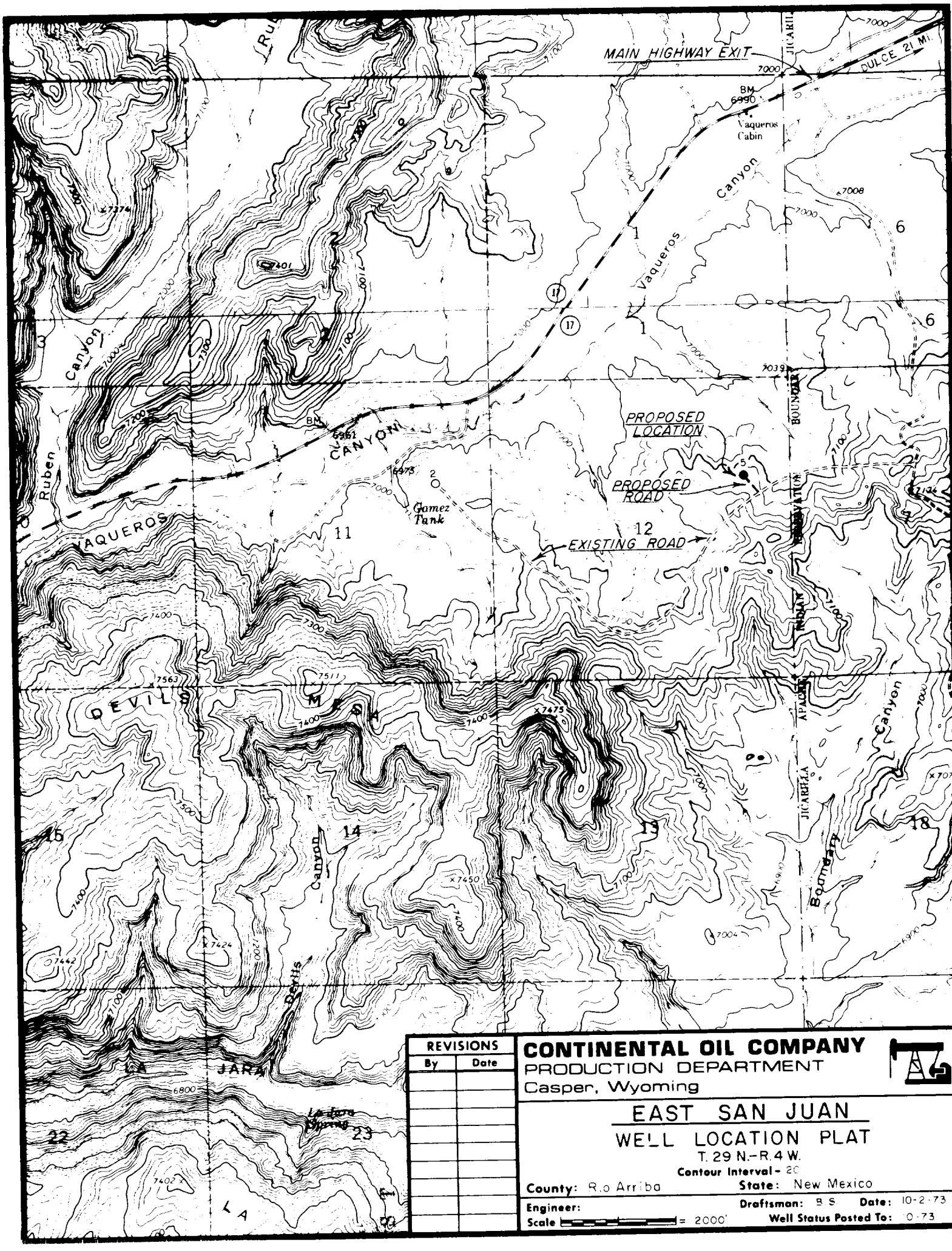
12. The location is situated on a slight rise, which will require a 5-6' cut to level the location. Vegetation consists of sagebrush, grass and a few small Juniper trees. Mr. B. E. Anderson, Production Superintendent for this area, may be reached by phone at Farmington, New Mexico, No. 325-1168, or by radio through Ute Communications, Cortez, Colorado, No. 303-565-7210.

Very truly yours,

Original Signed By:
J. A. UBBEN

J. A. Ubben
Administrative Supervisor

bjs
att.
CC: Mr. Larry A. Soehlig
District Forest Ranger
Gobernador District
Blanco, New Mexico 87412



REVISIONS	
By	Date

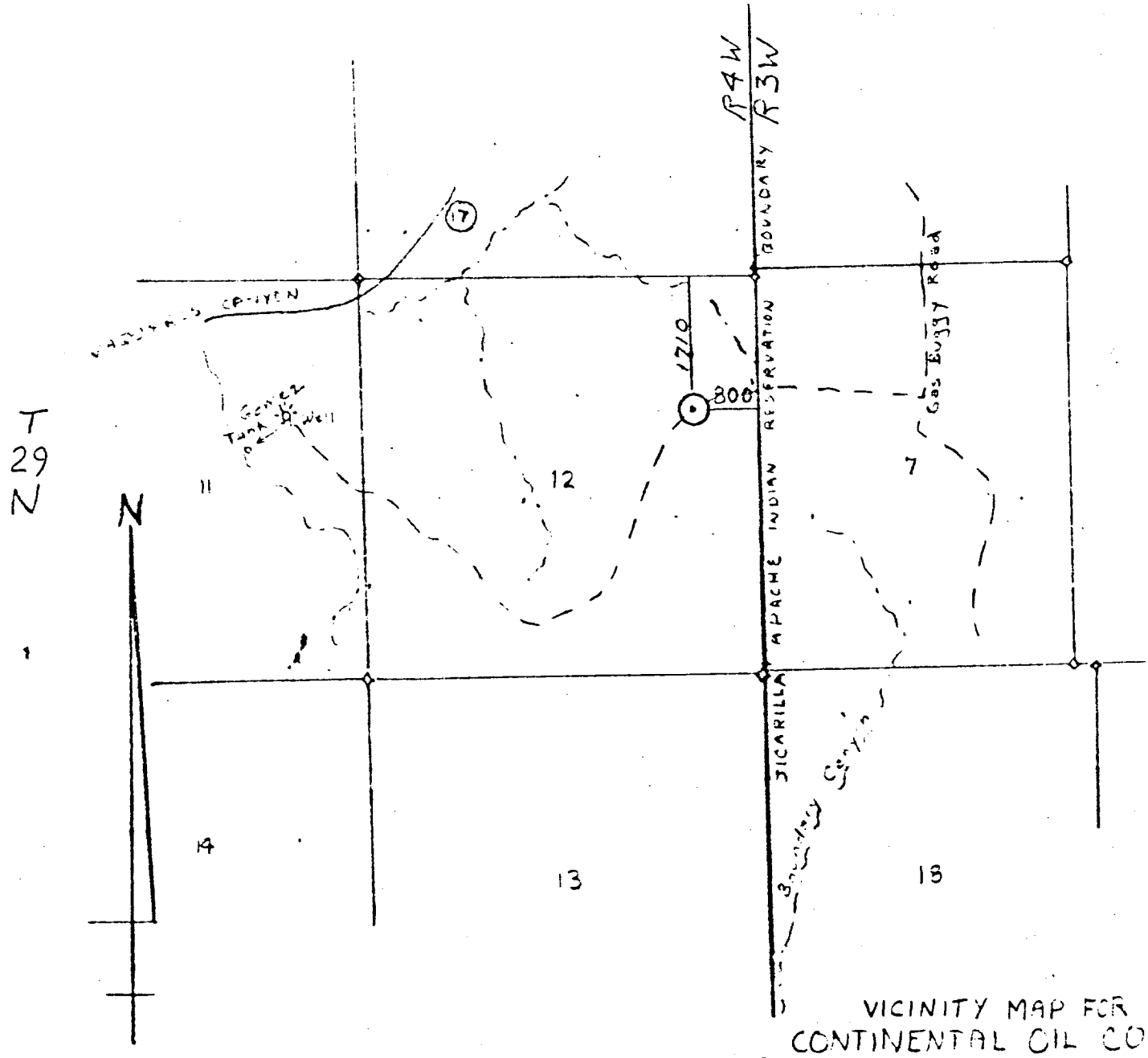
CONTINENTAL OIL COMPANY
PRODUCTION DEPARTMENT
Casper, Wyoming

EAST SAN JUAN
WELL LOCATION PLAT
T. 29 N.–R. 4 W.
Contour Interval – 20

County: Rio Arriba **State:** New Mexico

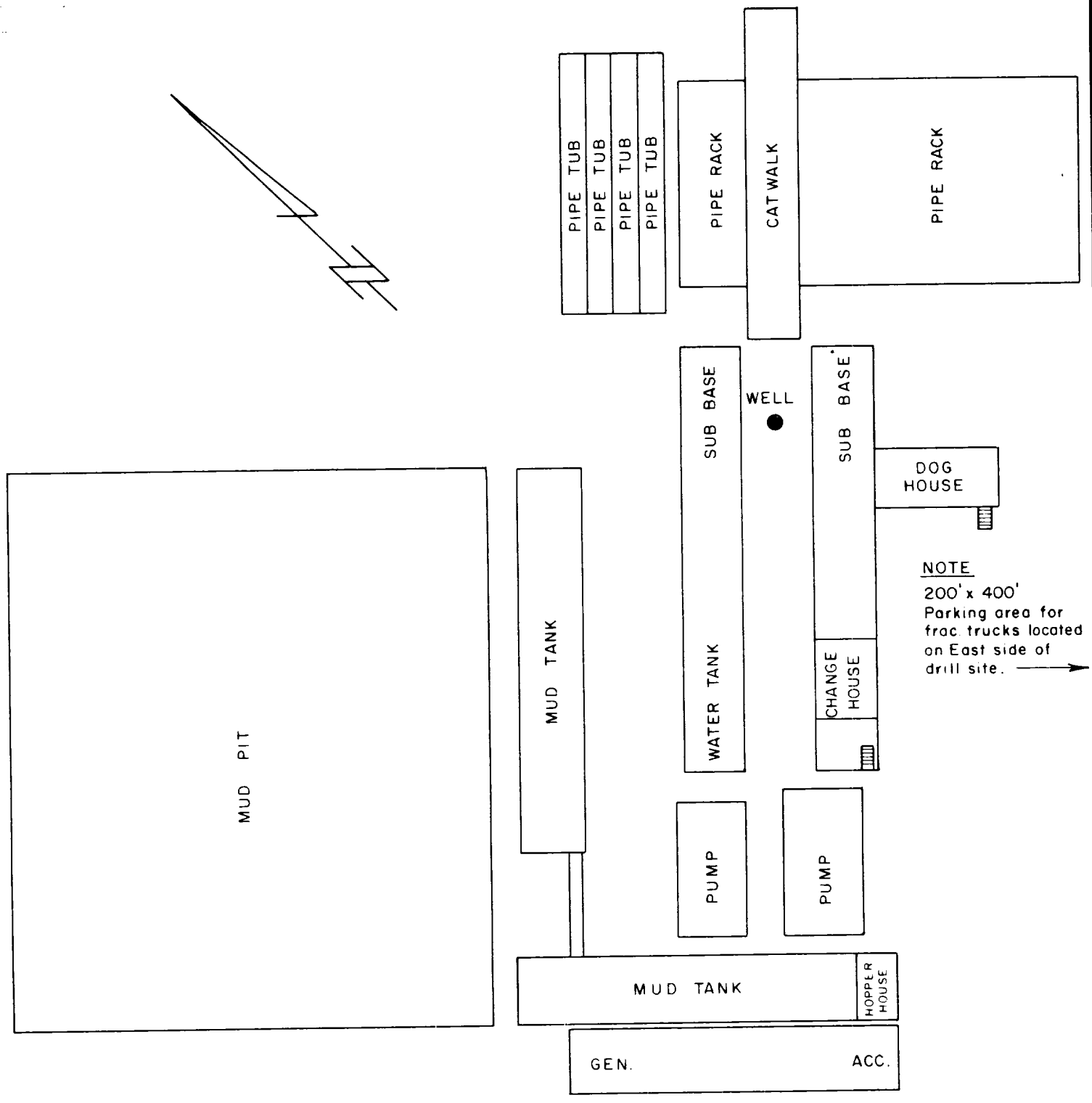
Engineer: **Draftsman:** B.S. **Date:** 10-2-73

Scale = 2000' **Well Status Posted To:** 10-73



VICINITY MAP FOR
CONTINENTAL OIL CO
SHOWING
well Location in NE/4 of Sec 12
T 29N, R 4W, N.M. P.M.
Arriba County, New Mexico
Scale 1" = 2000'
Date: 26 Sept. 1973

Sc. T. G. Engineering Company Farmington N.M.



APPROX. RIG SITE DIMENSIONS

160' x 200'

CONTINENTAL OIL COMPANY

PRODUCTION DEPARTMENT

Casper, Wyoming

RIG LAYOUT

Engineer: K.W. McDaniel **Draftsman:** BS **Date:** 10-2-73