

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIP  
(Other instruction  
verse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

**RM 058102**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

**Flying "M" San Andres Tr. 1a**

8. FARM OR LEASE NAME

9. WELL NO.

**6**

10. FIELD AND POOL, OR WILDCAT

**Flying "M" San Andres**

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

**Sec. 29, T-9-S, R-33-E**

12. COUNTY OR PARISH 13. STATE

**Lea**

**N. Mex.**

**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 ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

**Coastal States Gas Producing Company**

3. ADDRESS OF OPERATOR

**P. O. Box 235, Midland, Texas 79701**

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

**1980' FML & 1980' FEL**

14. PERMIT NO.

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

**4331.7 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) ☐

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 pertinent to this work.)\*

1. Ran 8-5/8", 24#, csg. & set @ 366' w/300 sx. of Class "M". WOC 12 hrs.  
Test csg. to 1000#, held O.K.

2. Ran 4-1/2", 10.5#, csg. & set @ 4450' w/250 sx. Chem Comp. w/0.5% CFR-2.  
WOC 24 hrs. Test csg. to 1500#, held O.K.

3. Perforated 4361'-63', 4366'-70', 4378'-83', 4386'- 89', 4392'-94', 4408'-12'  
w/2 jet shots per foot.

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

SIGNED

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE **Dist. Prod. Manager**

TITLE

ACCEPTED FOR RECORD  
MAY 6 1974

U.S. GEOLOGICAL SURVEY  
HOBBS, NEW MEXICO

\*See Instructions on Reverse Side

## Instructions

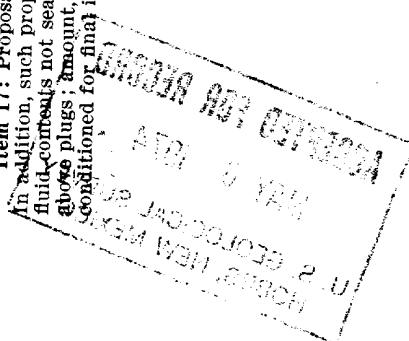
**General:** This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such 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 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.

U.S. GOVERNMENT PRINTING OFFICE: 1963-O-685229

847-485



1. 10 1964

U.S. GOVERNMENT PRINTING OFFICE

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

Coastal States Gas Producing Company

3. ADDRESS OF OPERATOR

P. O. Box 235, Midland, Texas 79701

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

1980' FML &amp; 1980' FEL

At proposed prod. zone

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

14 miles west of Crossroads

10. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any)

2087'

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

1316'

16. NO. OF ACRES IN LEASE

4960

19. PROPOSED DEPTH

4600

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

Rotary

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

4331.7 GR

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
11"	8-5/8"	24#	350'	235 sx. Class H 2% CaCl
7-7/8"	5-1/2"	15.5#	4600'	175 sx. 50-50 Class "C"-Permox A
				8# aslt. 0.75% CFA-2
				Approx. top of cement @ 3600'

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

TITLE Dist. Prod. Manager

DATE 3-6-74

(This space for Federal or State office use)

PERMIT NO.

APPROVAL

APPROVED

MAR 13 1974

ARTHUR R. BROWN  
DISTRICT ENGINEER

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side

## Instructions

**General:** This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws 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 1:** If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

**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 14:** Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

**Items 15 and 18:** If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

**Item 22:** Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

NEW 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.

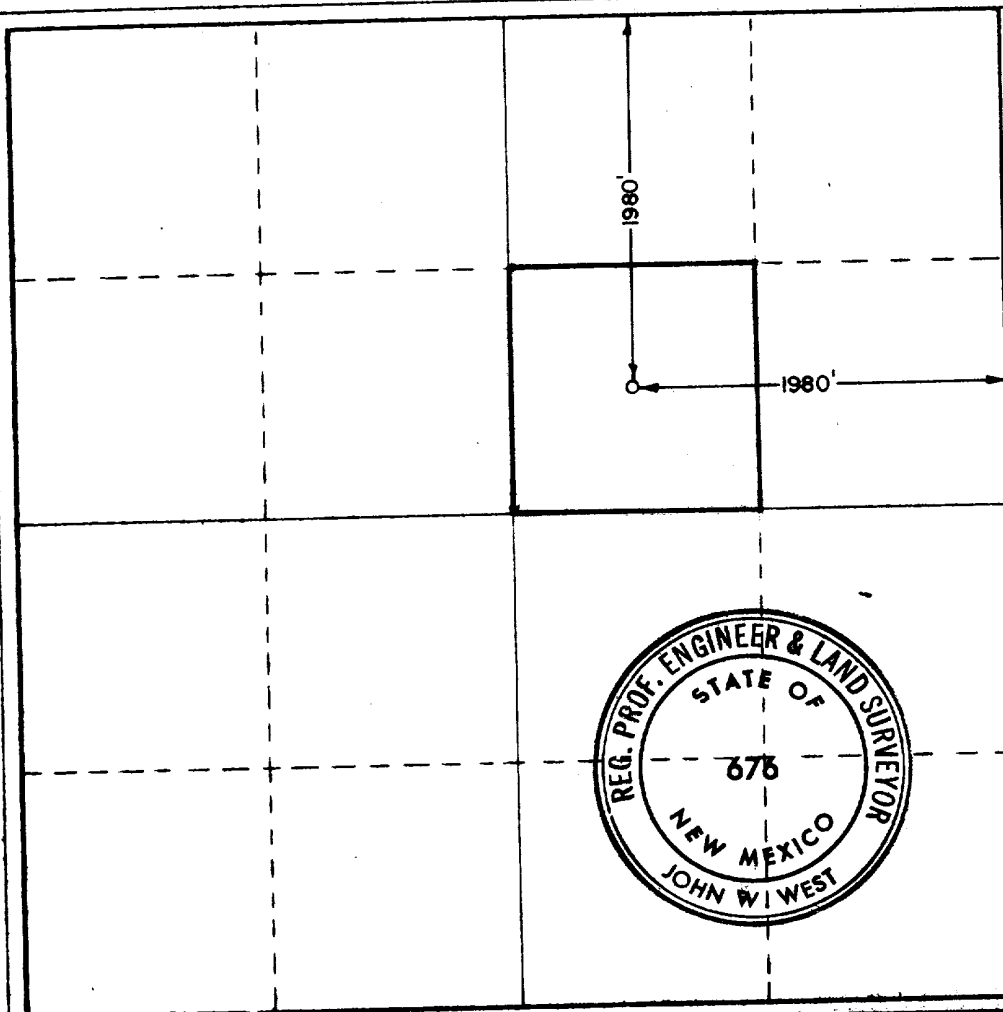
Operator <b>COASTAL STATES GAS PRODUCING CO.</b>			Lease <b>TRACT 1-A</b>		Well No. <b>6</b>
Unit Letter <b>G</b>	Section <b>29</b>	Township <b>9 SOUTH</b>	Range <b>33 EAST</b>	County <b>LEA</b>	
Actual Footage Location of Well:					
<b>1980</b> feet from the <b>NORTH</b> line and		<b>1980</b> feet from the <b>EAST</b> line			
Ground Level Elev. <b>4331.7</b>	Producing Formation <b>San Andres</b>	Pool <b>Flying "M" San Andres</b>	Dedicated Acreage: <b>40</b> 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 unitization

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 John W. West

Position

District Production Manager

Company

Coastal States Gas Prod. Co.

Date

3-5-74

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

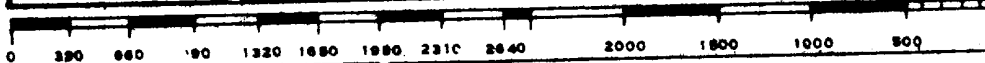
FEBRUARY 27-28, 1974

Registered Professional Engineer and/or Land Surveyor

John W. West

Certificate No.

676



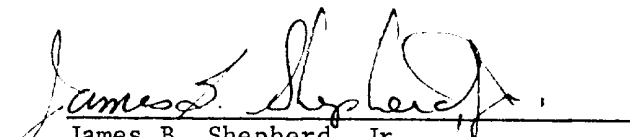
DEVELOPMENT PLAN FOR SURFACE USE

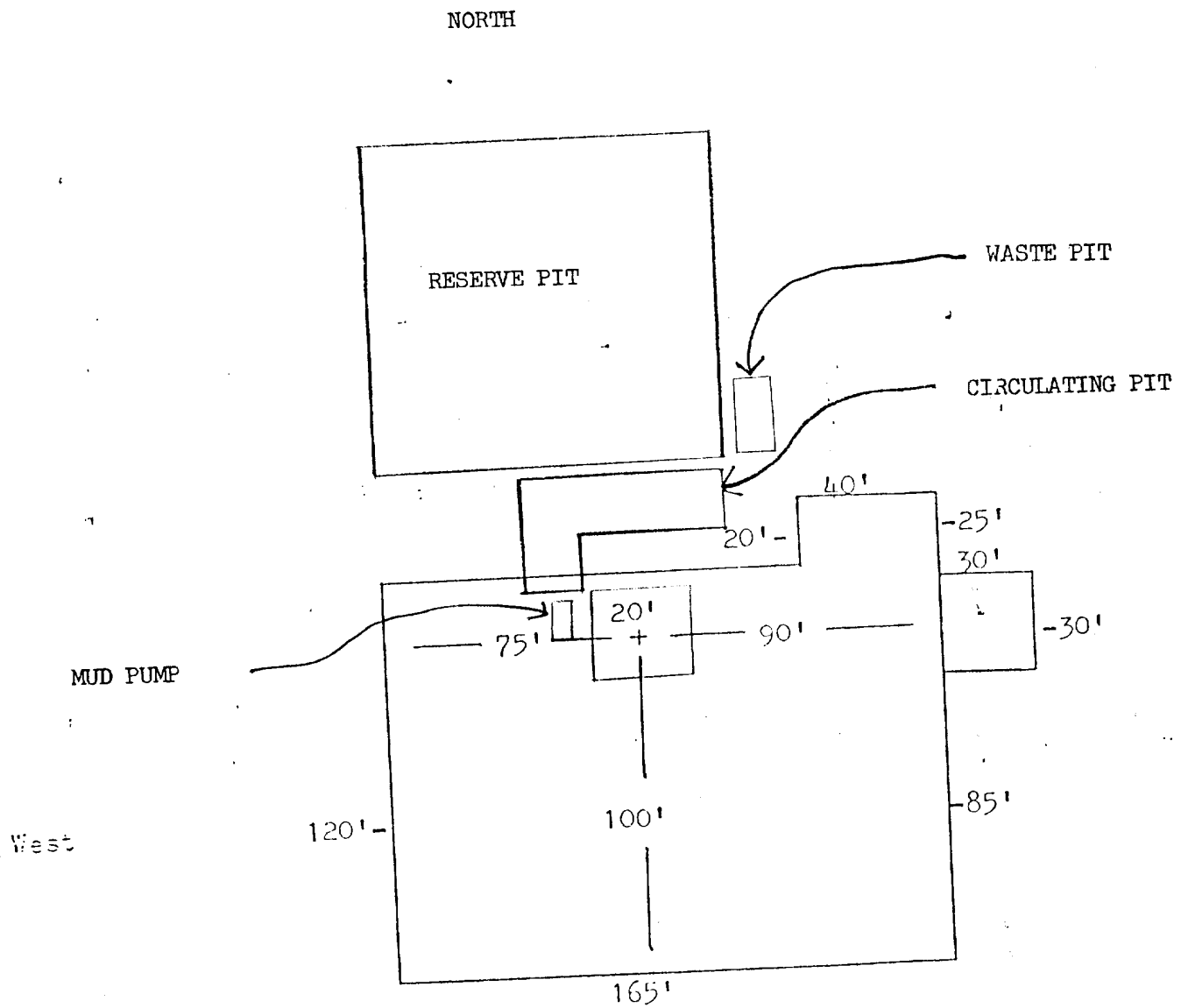
1. See Exhibit No. 1.
2. See Exhibit No. 1.
3. See Exhibit No. 1.
4. See Exhibit No. 1.
5. See Exhibit No. 2.
6. Water for drilling operations will be hauled by truck from Crossroads, New Mexico.
7. Hard waste material, such as, pipe, lumber, bits, etc. will be removed from location upon completion of drilling operations. Soft waste material, such as cuttings, paper boxes, etc. will be placed in a waste pit below ground level and covered with a minimum of 24" of top soil.
8. Not applicable.
9. Not applicable.
10. See Exhibit No. 3. The location will be 6" compact caliche.
11. Upon completion of drilling operations, pits will be broken out and leveled. Location will be cleaned with pad, roads, turn-arounds, etc. necessary for production operations left remaining.
12. The immediate area around this location is ranch land. The land is flat, low, schinery type bush vegetation. We feel that no extensive or permanent damage will be done to the environment as a result of drilling operations.

Company Representative responsible for compliance with this plan:

Johnnie Arther  
HOME: 505/392-8263  
MOBILE: 505/397-3291, Unit #200

COASTAL STATES GAS PRODUCING COMPANY

  
James B. Shepherd, Jr.  
District Production Manager  
March 6, 1974

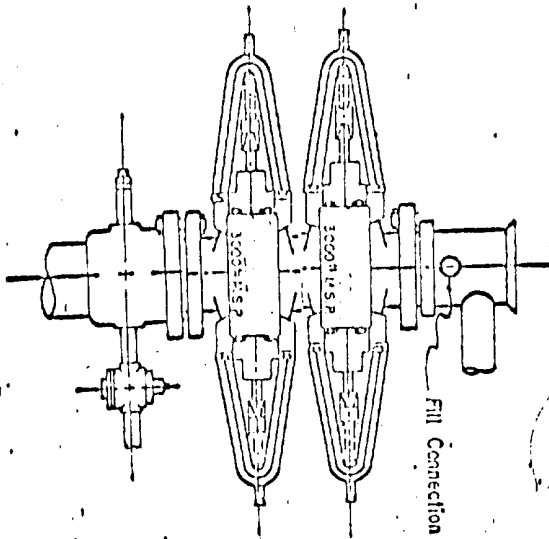


# EXHIBIT 3

South

LOCATION WILL BE 6" COMPACT CALICHE

SCALE : 1" = 48'



3,000 PSI WORKING PRESSURE  
BLOWOUT PREVENTER HOOK-UP

Series 900 Flanges, or Better

EXHIBIT 4





February 27, 1974

Coastal States Gas Producing Company  
P.O. Box 235  
Midland, Texas

ATTENTION: Mr. Jim Shepherd

Dear Mr. Shepherd,

Thank you for the opportunity to submit our proposed mud program for your "San Andres Unit Track I-A", Flying M Field, Lea County, New Mexico.

If we can be of further service, please do not hesitate to call.

Yours truly,

IMCO SERVICES

Bob Ray,  
Area Technical Advisor,  
Midland, Texas.

BR/gk

EXHIBIT 5

**IMCO SERVICES**

4400 West Loop South • P. O. Box 22605 • Houston, Texas 77027 • 713/622-5555 • Telex 78-2433 • Cable IMCOSERV

PROPOSED MUD PROGRAM

COASTAL STATES GAS PRODUCING COMPANY  
SAN ANDRES UNIT TRACK I-A  
FLYING M FIELD  
LEA COUNTY, NEW MEXICO

PROPOSED DEPTH: 4,500'

SUGGESTED CASING:

8-5/8" Surface at 350'

PROPOSED MUD PROGRAM BY CASING INTERVAL

<u>DEPTH (FEET)</u>	<u>MUD WEIGHT (PPG)</u>	<u>VISCOSITY (SEC)</u>	<u>FLUID LOSS (ML)</u>	<u>MUD TYPE</u>
0- 350'	8.4 - 8.6	32 - 34	No Control	Native Mud
<p>Drill the surface interval using native mud. Use IMCO-Gel if increases in viscosity are necessary.</p> <p>Set 8-5/8" at 350'.</p>				
350- 4,200'	10.0 - 10.4	32 - 34	No Control	Native Mud
<p>Drill out from under surface with native mud. Red Beds can be troublesome out from surface. It is important to maintain a constant viscosity to minimize problems from the Red Beds. At approximately 1,800', add oil. Use paper to minimize filter cake build up.</p>				
4,200- 4,500'	10.0 - 10.4	33 - 35	10	Native Mud/Star

Use IMCO-Loid to reduce the fluid loss to 10 cc's at 4,200'.

ESTIMATED MUD COST:

\$1,800.00.