

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

Marathon Oil Company

## 3. ADDRESS OF OPERATOR

P. O. Box 2659, Casper, Wyoming 82602

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

At surface

B 790' FNL and 1,850' FEL, Sec. 28, T26N, R5W, Unit "B"

At proposed prod. zone

## 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)

790'

## 16. NO. OF ACRES IN LEASE

2,560

## 18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.850' west of  
MOC Well # 9

## 19. PROPOSED DEPTH

3,950'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

160 - 160

## 20. ROTARY OR CABLE TOOLS

Rotary

## 22. APPROX. DATE WORK WILL START\*

## 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#	230'	190 Sacks
7-7/8"	4-1/2"	10.5#	3,950'	670 Sacks

This well will be drilled to an approximate total depth of 3,950' and dual completed as a Pictured Cliffs and Chacra Sands gas well.

Please see the following attachments: 1. Surveyor's Plat.

2. Ten Point Drilling Program

3. B.O.P. Schematic

4. Thirteen Point NTL-6

5. Maps

*Gas is dedicated*

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

(This space for Federal or State office use)

TITLE District Operations Manager

August 12, 1977

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side

30-039-21502  
5. LEASE DESIGNATION AND SERIAL NO.

Tract 251, Contract 000154

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Jicarilla Apache

9. WELL NO.

19

10. FIELD AND POOL, OR WILDCAT

Blanco P.C. South &amp; Otero Chacr

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

Section 28, T26N, R5W

12. COUNTY OR PARISH

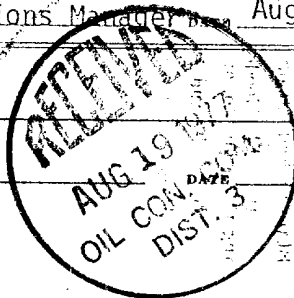
13. STATE  
New Mexico

Rio Arriba

20. ROTARY OR CABLE TOOLS

Rotary

22. APPROX. DATE WORK WILL START\*



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

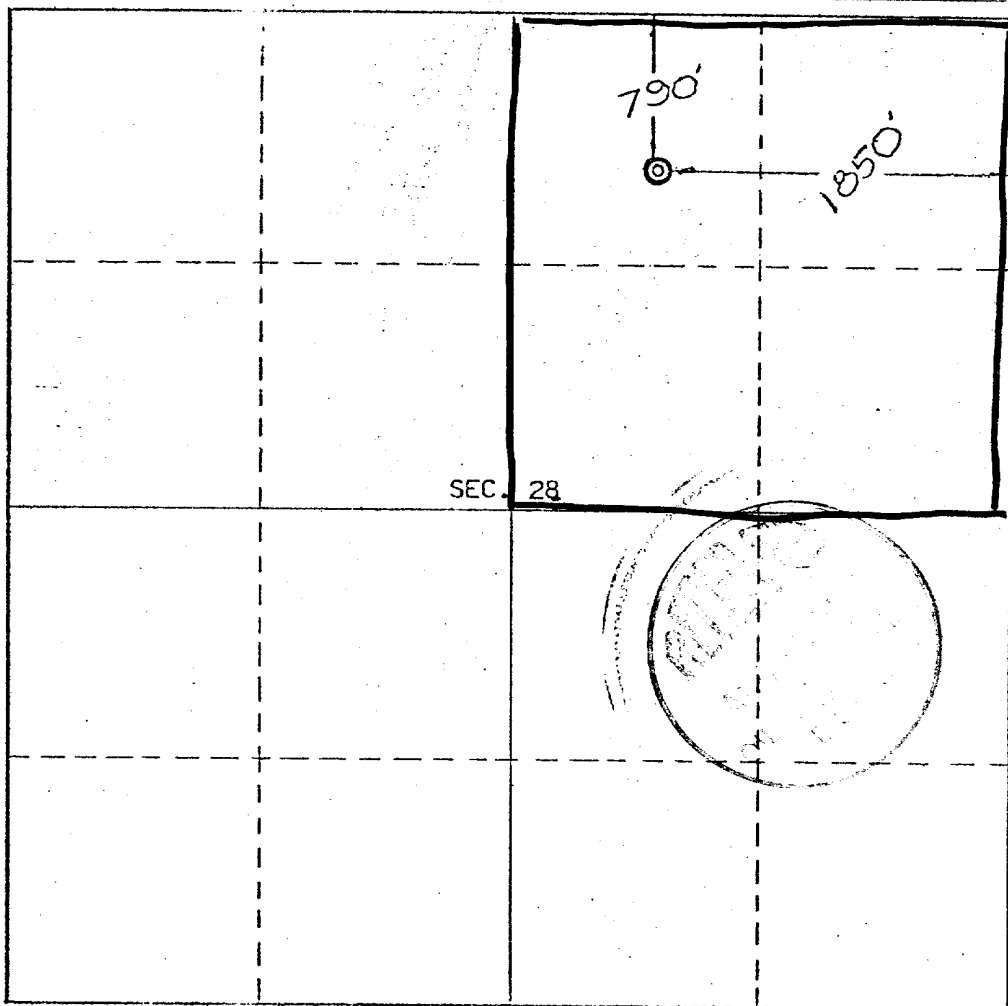
Operator <b>Marathon Oil Company</b>			Lease <b>Jicarilla Apache</b>		Well No. <b>19</b>
Unit Letter <b>B</b>	Section <b>28</b>	Township <b>26 North</b>	Range <b>5 West</b>	County <b>Rio Arriba</b>	
Actual Footage Location of Well: <b>790</b> feet from the <b>North</b> line and <b>1850</b> feet from the <b>East</b> line					
Ground Level Elev. <b>6483</b>	Producing Formation <b>Pictured Cliffs &amp; Chacra</b>	Pool <b>Blanco P.C. South &amp; Otero Chacra</b>	Dedicated Acreage: <b>160 - 160 Acres</b>		

- Outline the acreage dedicated to the subject well by colored pencil or hachure 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 interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation NA

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) NA

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.

*James L. Campbell*  
Name

James L. Campbell

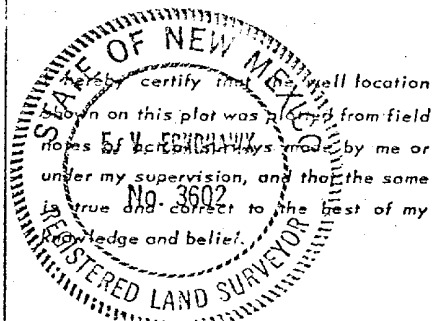
Position

District Operations Manager

Company

Marathon Oil Company

Date



Date Surveyed

July 15, 1977

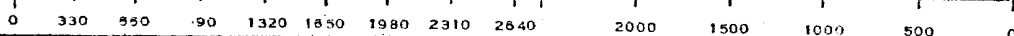
Registered Professional Engineer and/or Land Surveyor

*E. V. Echohawk*

Certificate No.

3602

E.V. Echohawk LS



MARATHON OIL COMPANY

Drilling Operations Plan  
 Jicarilla Apache #19  
 790' FNL, 1,850' FEL  
 Sec. 28, T26N, R5W  
 Rio Arriba Co., New Mexico  
 Elevation: 6,483' GL

1. Geologic name of surface:

Tertiary San Juan

2. Estimated tops of important geologic markers:

Kirtland Shale	2,520' G.L.
Fruitland Sand	2,730'
Pictured Cliffs Sand	2,900'
Chacra Sand	3,795'
Total Depth	3,950'

3. Estimated depths of anticipated water, oil, gas or other mineral bearing formations:

Fruitland Sand (gas) 2,730' Non-commercial

Pictured Cliffs (gas) 2,920'

Chacra (gas) 3,795'

No other water, oil or other mineral bearing formations are known to exist.

4a. The casing program including the size, grade, weight, whether new or used, and a setting depth of each string:

<u>Min. Hole Size</u>	<u>Casing O.D.</u>	<u>Grade</u>	<u>Weight</u>	<u>Setting Depth</u>	<u>New or Used</u>
12-1/4"	8-5/8"	K-55	24#	230'	New
7-7/8"	4-1/2"	K-55	10.5#	3,950'	New

## 4b. The cementing program including type, amounts, and additives:

The 8-5/8" surface casing string, including a guide shoe, insert float, and three centralizers will be cemented with approximately 190 sacks of Class "G" cement containing 2% calcium chloride.

The 4-1/2" production casing string, including a float shoe, float collar, 20 centralizers, and 36 reciprocating scratchers, will be cemented to surface with approximately 670 sacks of light weight cement and approximately 350 sacks of Class "G" cement, all containing friction reducer and 2% calcium chloride.

## 5. B.O.P. specification and testing: (see the attached schematic diagram for size and pressure ratings):

2,000 psi WP hydraulic double ram preventer with blind and drill pipe rams. Operation to be checked daily.

Test Hydraulic Operations

<u>BOP</u>	<u>Pressure</u>	<u>Time</u>	<u>Remarks</u>
Blind Rams	1,000 psig	30 Minutes	Before drilling out of surface casing.
Pipe Rams	1,000 psig	30 Minutes	

## 6. Mud program and anticipated pressures:

<u>From</u>	<u>To</u>	<u>Type Mud</u>	<u>Weight</u>	<u>% Oil</u>	<u>Water Loss</u>
0'	230'	Native			
230'	3,950' (TD)	Gel-Chem	9.5 or less		Less than 10

No weighting material will be necessary.

## 7a. Type of drilling tools and auxiliary equipment:

Drill time and drill pipe weight will be recorded on a geolograph or equivalent instrument from surface to total depth.

A Kelly Cock will be used. There will be no float at the bit and no automatic monitoring equipment on the mud system. There will be a full opening safety valve with sub on the rig floor at all times.

7b. Deviation Control:

<u>From</u>	<u>To</u>	<u>Maximum Deviation Between Surveys</u>	<u>Maximum Deviation From Vertical</u>	<u>Maximum Change Per 100' of Depth</u>
0'	230'	100'	1°	1/2°
230'	3,950' (TD)	500'	4-1/2°	1°

8. Sample, logging, testing, and coring program:

A short trip will be made prior to logging. A Dual Induction Log will be run from total depth to the surface casing, and a Compensated Formation Density-Gamma Ray-Caliper Compensated Neutron Porosity Log will be run.

9. Anticipated abnormal pressures or temperatures:

None.

10. The anticipated starting date and duration of operation:

Starting Date: August 20, 1977

Duration: Two Weeks

DISTRICT APPROVALS

Approved J. E. Lawrence Date 8-12-77

DIVISION APPROVALS

Approved \_\_\_\_\_ Date \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

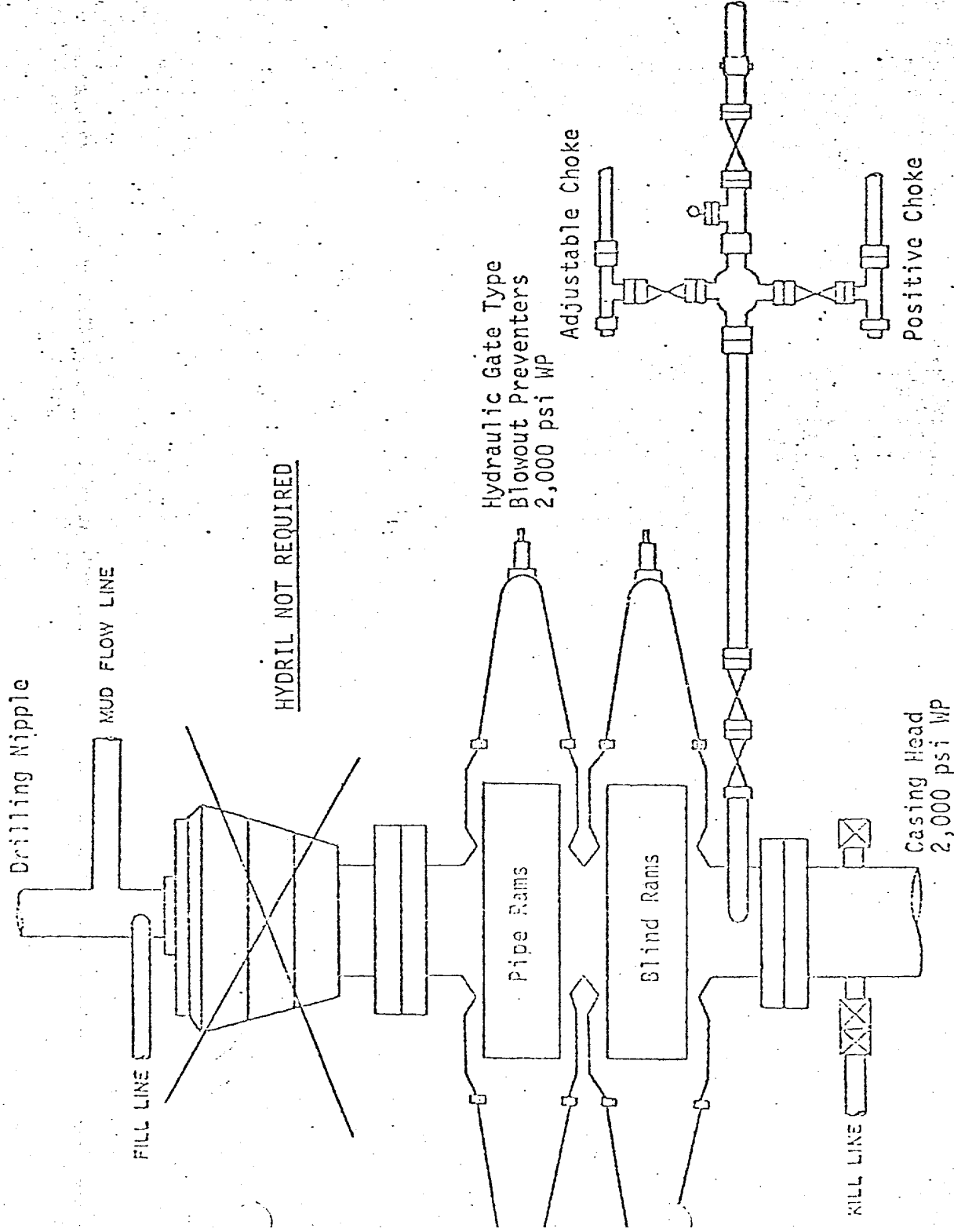
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James L. Campbell 8-12-77

# Proposed Blowout Preventer Installation

Jicarilla Apache #19

Rio Arriba Co., New Mexico



1. Blowout preventers, master valve, plug valve and all fittings must be in good condition. Use new API Seal Rings.
2. All fittings (gates, valves, etc.) to be of equivalent pressure rating as preventers. Valves to be flanged and at least 2" unless otherwise specified. Valves next to BOP to be plug type and nominal 3".
3. Equipment through which bit must pass shall be as large as the inside diameter of the casing that is being drilled through.
4. Safety valve (Omsco or equivalent) must be available on rig floor at all times and with proper connections. The I.D. of safety valves should be as great as I.D. of tool joints on drill pipe.
5. Kelly safety valve installed, same working pressure as BOP's.
6. All lines and controls to preventers must be connected and tested before drilling out of surface pipe.
7. BOP's must be fluid operated, complete with accumulator. Controls may be either on floor or ground near steps from rig floor.
8. Fillup line tied to drilling nipple, the connection must be below and approximately 90° to the flow line.
9. Gauge will be installed for testing but removed while drilling.
10. Spool not required, but when side outlet on BOP's is used, it must be below bottom ram.
11. Casinghead and casinghead fittings to be furnished by Marathon Oil Company.

MARATHON OIL COMPANY

Surface Use and Operations Plan  
Jicarilla Apache #19  
790' FNL, 1,850' FEL  
Sec. 28, T26N, R5W  
Rio Arriba Co., New Mexico

1. Existing Roads:

The proposed well site as staked is shown on the attached survey plat. The well is offset by reference stakes. The well is NE of Counselor Trading Post. From Counselor one travels 12 miles NE to the Lindrith Plant then 10 miles NE of the plant on a pipeline road. This road is shown on the attached map. After 10 miles one turns west 2-1/2 miles then south 1/2 mile to the location.

Existing roads within a 1 mile radius of this development well are shown on the attached map. No improvements or maintenance of existing county roads will be made. The new road will be maintained by grading when needed.

2. Access Road:

The attached map shows the new access road which is approximately 700' long, will have a width of 20', a maximum grade of 5%, will have no turnouts and will cross a broad drainage which runs water only during heavy rain storms. No culverts will be used. Surface material will consist of native material available at the site. There will be no gates, cattle guards or fence cuts. The road is staked.

3. Location of Existing Wells:

The attached map shows the existing producing wells. There are no known water wells or monitoring wells, abandoned wells, temporarily abandoned wells, disposal wells, drilling wells, shut-in wells, or injection wells within a 1 mile radius of the location.

4. Location of Production Facilities and Service Lines:

Marathon Oil Company does not own or operate any oil or gas gathering lines, injection lines or disposal lines within a 1 mile radius of the well. Each Marathon Dakota well (#8, #10 Sec. 27, #9 and #11 Sec. 28, #12 and #13 Sec. 33 and #14 and #16 Sec. 34) has one or two tanks and a gas liquid separator and connecting lines within 200' of each well. The Pictured Cliff and Chacra wells have no surface equipment.

No tanks or production facilities will be required at the proposed Well #19. The gathering line will be laid by the purchaser to their line approximately 1/4 mile to the north.

The reserve pit will be fenced to protect it from livestock and wildlife. The reserve pit and unused parts of the location will be graded back to contour and seeded as recommended by the BIA.

5. Location and Type of Water Supply:

The water supply is a water hole on the Tapicito Creek located in the NW/4 of Section 28, T26N, R5W. This is shown on the attached map. Water will be hauled by truck using the existing roads as shown on the attached map.

6. Source of Construction Materials:

All construction materials for this location and access road are to be materials accumulated during construction of the location and access road. No additional construction materials from other sources are anticipated.

7. Waste Disposal Handling:

Drilling cuttings will be covered after the reserve pit is dried up. All liquid drilling waste will be stored in the reserve pit. All burnable trash will be burned in a suitable burn pit with a steel screen across the pit. Any produced fluids will be caught in a test tank. All non-burnable refuse will be buried to a depth of 5' upon completion of drilling and completion operations. A port-a-potty will be provided to handle sewage. There are no plans to line the reserve pit. Immediately upon completion of the well, the location will be policed and all waste material will be picked up.

8. Ancillary Facilities:

There will be no proposed camps or airstrips at the location. There will be one small house trailer to be used by drilling supervisors. These are shown on the attached map.

9. Well Site Layout:

The location is in a very flat area and will require a cut of less than one foot primarily for the removal of topsoil and grease wood. Location of the mud tanks, reserve, burn and trash pits, pipe racks, house trailer, and soil stockpiles are shown on the attached schematic. The rig will lie in a east/west direction with the reserve pit to the south and the access road from the north. The parking area will be to the north side of the location.

The reserve pit will be unlined.

10. Plan for Restoration to Surface:

Upon completion of this well those areas not needed for any possible production equipment will be backfilled, levelled, contoured and the topsoil replaced. The area will be reseeded according to BIA's recommendation. At the time of rig release the reserve pit will remain fenced until proper cleanup can be made. Any oil on the reserve pit will be removed. Rehabilitation will be completed by the fall of 1978.

11. Other Information:

The attached archaeological report covers all aspects of the surface characteristics and grants clearance to construct the location and short road, which will not disturb any cultural resources.

In the immediate area there are no known occupied dwellings, archaeological, historical, cultural sites or shallow water wells. Tapicito Creek is 600' to the south of the location.

12. Representatives:

Marathon Oil Company's representative who is responsible for compliance with the approved surface and operation plan is:

J. E. Lawrence  
Marathon Oil Company  
P. O. Box 2659  
Casper, Wyoming 82602  
307) 265-7693

13. Certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed 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 Marathon Oil Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

8-12-77

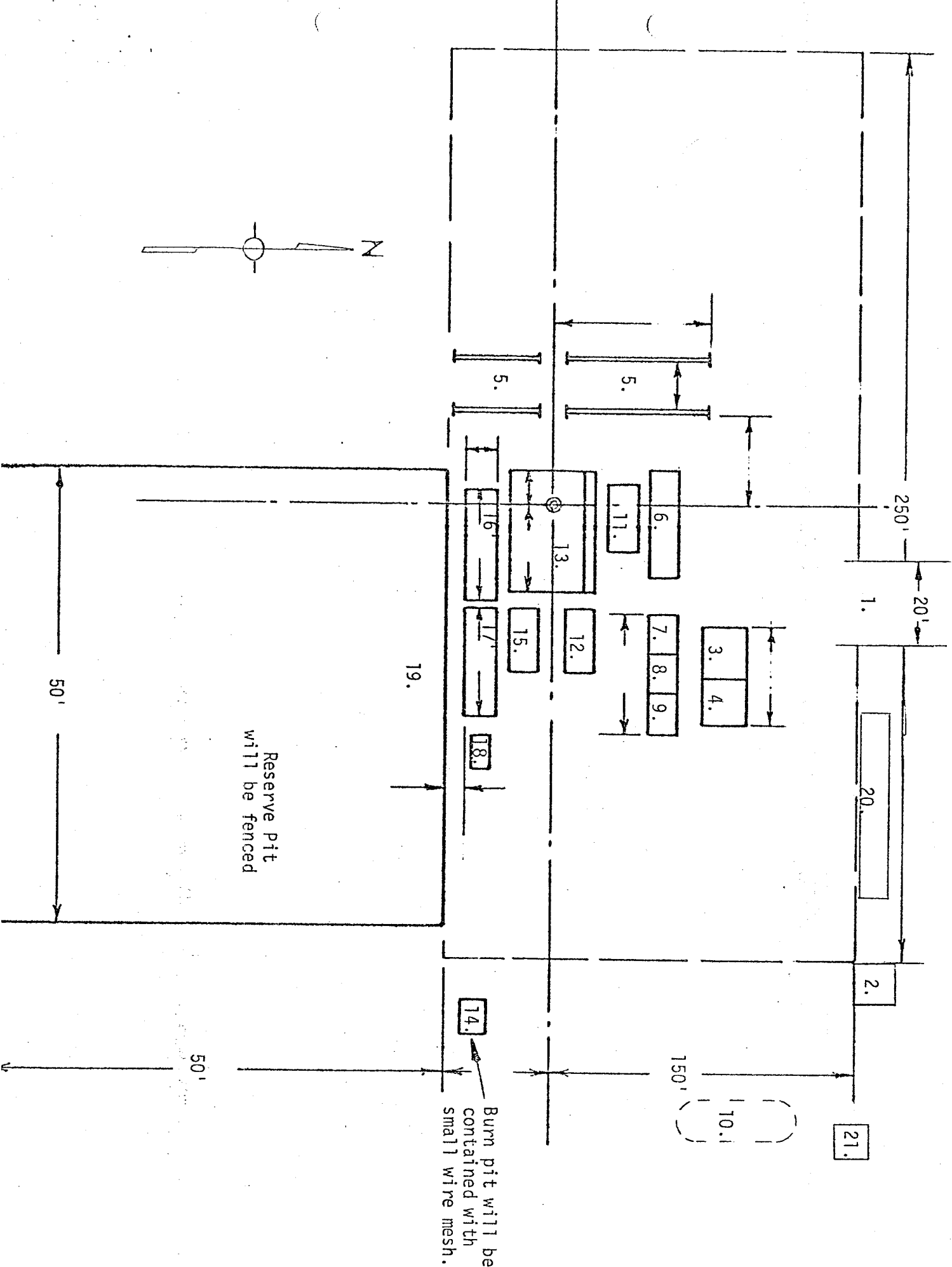
DATE

  
NAME

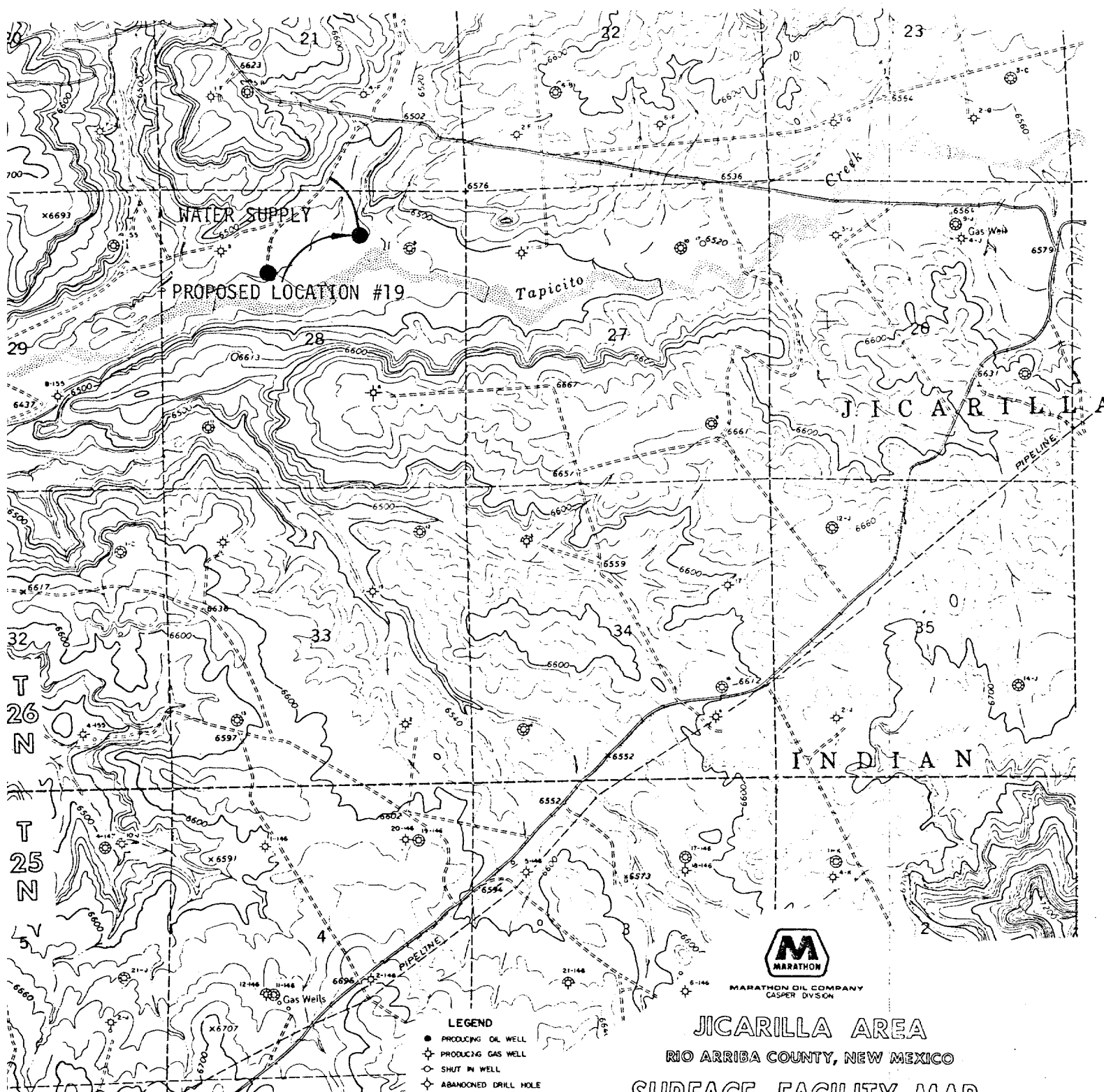
District Operations Engineer

JICARILLA APACHE #19  
 SEC. 28, T26N, R5W  
 RIO ARRIBA CO., NEW MEXICO

SCHEMATIC DRAWING OF RIG LAYOUT



R 5 W



TO LINDRITH PLANT  
AND COUNSELOR

- LEGEND**
- PRODUCING OIL WELL
  - ★ PRODUCING GAS WELL
  - SHUT IN WELL
  - ✧ ABANDONED DRILL HOLE
  - ⬇ INJECTION WELL
  - FLOW LINES
  - TANK AND/OR TREATER INSTALLATIONS
  - EXISTING ROADS
  - NEW ACCESS ROAD

**MARATHON**  
MARATHON OIL COMPANY  
CASPER DIVISION

**JICARILLA AREA**  
RIO ARRIBA COUNTY, NEW MEXICO

**SURFACE FACILITY MAP**

0 1000' 2000' 3000' 4000' 5000' 1-Mile  
SCALE: 1" = 4000'

OIL CONSERVATION COMMISSION  
Albuquerque DISTRICT

OIL CONSERVATION COMMISSION  
BOX 2088  
SANTA FE, NEW MEXICO

DATE 11-2-77

RE: Proposed MC ✓  
Proposed DHC \_\_\_\_\_  
Proposed NSL \_\_\_\_\_  
Proposed SWD \_\_\_\_\_  
Proposed WFX \_\_\_\_\_  
Proposed PMX \_\_\_\_\_

Gentlemen:

I have examined the application dated 10-25-77  
for the Marathon Oil Co. Jicarilla Apache #19 B-28-26N-5W  
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

Approve  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Yours very truly,

AR Kendrick

SANTA FE, NEW MEXICO  
APPLICATION FOR MULTIPLE COMPLETION

Operator <b>Marathon Oil Company</b>		County <b>Rio Arriba</b>		Date <b>October 25, 1977</b>
Address <b>P. O. Box 2659, Casper, WY 82602</b>		Lease <b>Tract 251 Contract 000154</b>		Well No. <b>19</b>
Location of Well <b>B</b>	Unit <b>B</b>	Section <b>28</b>	Township <b>26N</b>	Range <b>5W</b>

Has the New Mexico Oil Conservation Commission heretofore authorized the multiple completion of a well in these same pools or in the same zones within one mile of the subject well? YES \_\_\_\_\_ NO \_\_\_\_\_

If answer is yes, identify one such instance: Order No. \_\_\_\_\_; Operator Lease, and Well No.: \_\_\_\_\_

The following facts are submitted:	Upper Zone	Intermediate Zone	Lower Zone
a. Name of Pool and Formation	<b>Pictured Cliffs</b>		<b>Chacra</b>
b. Top and Bottom of Pay Section (Perforations)	<b>2882' 2948'</b>		<b>3788' 3885'</b>
c. Type of production (Oil or Gas)	<b>Gas</b>		<b>Gas</b>
d. Method of Production (Flowing or Artificial Lift)	<b>Flowing</b>		<b>Flowing</b>

The following are attached. (Please check YES or NO)

- |                                     |                          |   |
|-------------------------------------|--------------------------|---|
| Yes                                 | No                       |   |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | a. Diagrammatic Sketch of the Multiple Completion, showing all casing strings, including diameters and setting depths, centralizers and/or turbolizers and location thereof, quantities used and top of cement, perforated intervals, tubing strings, including diameters and setting depth, location and type of packers and side door chokes, and such other information as may be pertinent. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | b. Plat showing the location of all wells on applicant's lease, all offset wells on offset leases, and the names and addresses of operators of all leases offsetting applicant's lease.   |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | c. Waivers consenting to such multiple completion from each offset operator, or in lieu thereof, evidence that said offset operators have been furnished copies of the application.*  |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | d. Electrical log of the well or other acceptable log with tops and bottoms of producing zones and intervals of perforation indicated thereon. (if such log is not available at the time application is filed it shall be submitted as provided by Rule 112-A.)   |

5. List all offset operators to the lease on which this well is located together with their correct mailing address.

**Southern Union Production Company, P. O. Box 808, Farmington, New Mexico 87401**

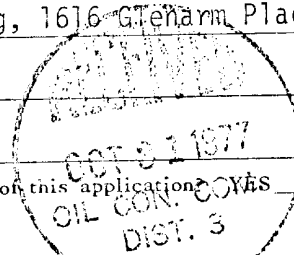
**El Paso Natural Gas Company, P. O. Box 990, Farmington, New Mexico 87401**

**Tenneco Oil Company, 1860 Lincoln, Suite 1200, Denver, Colorado 80201**

**Amoco Production Company, Security Life Building, 1616 Glenarm Place, Denver, Colorado 80202**

6. Were all operators listed in Item 5 above notified and furnished a copy of this application? YES \_\_\_\_\_ NO X . If answer is yes, give date of such notification \_\_\_\_\_

CERTIFICATE: I, the undersigned, state that I am the District Operations Manager of the Marathon Oil Company (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

  
B. E. Yester  
Signature

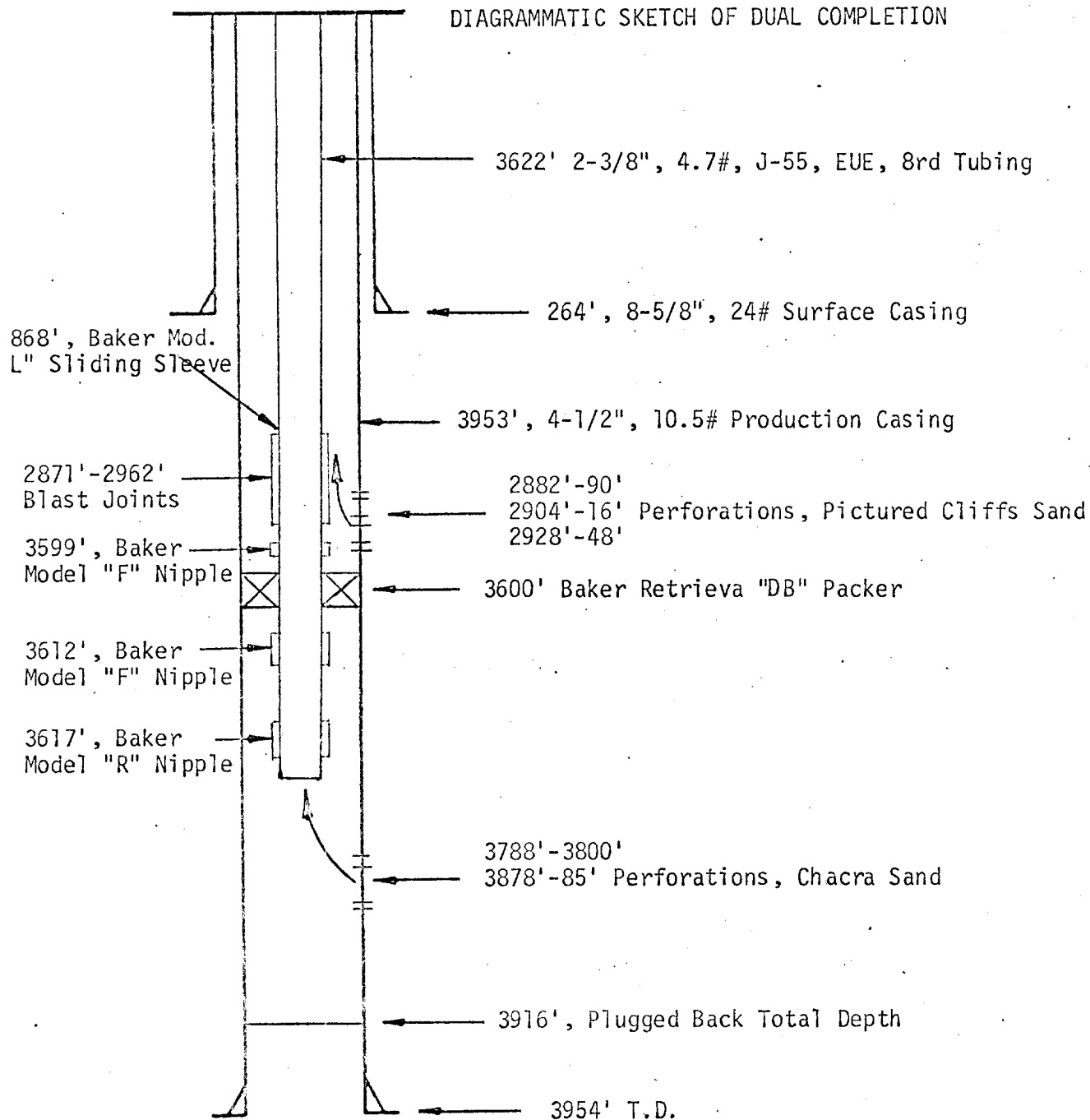
\*Should waivers from all offset operators not accompany an application for administrative approval, the New Mexico Oil Conservation Commission will hold the application for a period of twenty (20) days from date of receipt by the Commission's Santa Fe office. If, after said twenty-day period, no protest nor request for hearing is received by the Santa Fe office, the application will then be processed.

NOTE: If the proposed multiple completion will result in an unorthodox well location and/or a non-standard perforation unit in one or more of the same pools or zones, a separate application for approval of the same should be filed simultaneously with this application.

15 Centralizers at: 3917' 3697' 2976'  
 3872' 3660' 2932'  
 3828' 3104' 2888'  
 3784' 3063' 2846'  
 3740' 3019' 2808'

Jicarilla Apache #19  
 Sec. 28, T26N, R5W  
 Rio Arriba Co., New Mexico  
 6483' GL

# DIAGRAMMATIC SKETCH OF DUAL COMPLETION



MARATHON OIL CO.

October 25 1977

SCALE None

DRAWN BY Walt West



RECEIVED  
OCT 25 1977  
October 14, 1977  
CASPER DISTRICT  
OPERATIONS

Marathon  
Oil Company

Casper Division  
Production, U.S. & Canada

P.O. Box 2659  
Casper, Wyoming 82601  
Telephone 307/265-7693

JLC \_\_\_\_\_  
JBE \_\_\_\_\_  
CEH \_\_\_\_\_  
AWH \_\_\_\_\_  
JEL \_\_\_\_\_  
MEO \_\_\_\_\_  
GEA \_\_\_\_\_  
JFW \_\_\_\_\_  
JNR \_\_\_\_\_  
JLH \_\_\_\_\_  
DMC \_\_\_\_\_  
LGH \_\_\_\_\_  
GAS \_\_\_\_\_  
DMR \_\_\_\_\_  
File \_\_\_\_\_

Amoco Production Company  
Security Life Building  
1616 Glen Arm Place  
Denver, CO 80202

Attn: T. M. Curtis

Gentlemen:

Marathon Oil Company is requesting approval from the New Mexico Oil Conservation Commission for dual completion of our Jicarilla Apache Well #19 (790' FNL & 1850' FEL, Section 28, T26N, R5W, Unit B, Rio Arriba County, New Mexico) in the South Blanco Pictured Cliffs and Otero Chacra formations. This well offsets one of your leases, so we have enclosed a schematic diagram of the proposed completion and plat for your information.

If you have no objection to this dual completion, will you please sign the approval on the bottom of the attached two copies of this letter and return them to me at your earliest convenience.

Thank you for your consideration.

Very truly yours,

MARATHON OIL COMPANY

*B. E. Yester*

B. E. Yester  
District Operations Manager

BEY:WEW:tjh  
Attachments

Amoco Production Co. has no objection to the dual completions of Jicarilla Apache Well #19.

BY: *Nicholas D. Perrie*

TITLE: *Div Engr Supv*

DATE: *10-20-77*



**Marathon  
Oil Company**

PO Box 2659  
Casper Wyoming 82601  
Telephone 307/265 7693

August 9, 1977

Tenneco Oil Company  
1860 Lincoln, Suite 1200  
Denver, CO 80201

Atten: Mr. C. W. Nance

Gentlemen:

Marathon Oil Company is requesting approval from the New Mexico Oil Conservation Commission for dual completion of our Jicarilla Apache Well #19 (790' FNL & 1850' FEL, Section 28, T26N, R5W, Unit B, Rio Arriba County, New Mexico) in the South Blanco Pictured Cliffs and Otero Chacra formations. This well offsets one of your leases, so we have enclosed a schematic diagram of the proposed completion and plat for your information.

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Thank you for your consideration.

Very truly yours,

MARATHON OIL COMPANY

James L. Campbell  
District Operations Manager

JLC/WEW/kca  
Attachments

Tenneco Oil Company has no objection to the dual completions of Jicarilla Apache Well #19.

BY: D.D. Myers

TITLE: DIVISION PRODUCTION MANAGER

DATE: 8-23-77



**Marathon  
Oil Company**

PO Box 2659  
Casper Wyoming 82601  
Telephone 307/265 7693

August 9, 1977

El Paso Natural Gas Company  
P. O. Box 990  
Farmington, New Mexico 87401

Atten: Mr. C. E. Matthews

Gentlemen:

Marathon Oil Company is requesting approval from the New Mexico Oil Conservation Commission for dual completion of our Jicarilla Apache Well #19 (790' FNL & 1850' FEL, Section 28, T26N, R5W, Unit B, Rio Arriba County, New Mexico) in the South Blanco Pictured Cliffs and Otero Chacra formations. This well offsets one of your leases, so we have enclosed a schematic diagram of the proposed completion and plat for your information.

If you have no objection to this dual completion, will you please sign the approval on the bottom of the attached two copies of this letter and return them to me at your earliest convenience.

Thank you for your consideration.

Very truly yours,

MARATHON OIL COMPANY

James L. Campbell  
District Operations Manager

JLC/WEW/kca  
Attachments

El Paso Natural Gas Company has no objection to the dual completion of Jicarilla Apache Well #19.

BY: Carl E. Matthews  
TITLE: Division Production Mgr.  
DATE: 8/15/77



**Marathon  
Oil Company**

PO Box 2659  
Casper Wyoming 82601  
Telephone 307/265 7693

August 9, 1977

Southern Union Production Company  
P. O. Box 808  
Farmington, New Mexico 87401

Gentlemen:

Marathon Oil Company is requesting approval from the New Mexico Oil Conservation Commission for dual completion of our Jicarilla Apache Well #19 (790' FNL & 1850' FEL, Section 28, T26N, R5W, Unit B, Rio Arriba County, New Mexico) in the South Blanco Pictured Cliffs and Otero Chacra formations. This well offsets one of your leases, so we have enclosed a schematic diagram of the proposed completion and plat for your information.

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Thank you for your consideration.

Very truly yours,

MARATHON OIL COMPANY

James L. Campbell  
District Operations Manager

JLC/WEW/kca  
Attachments

Southern Union Production Company has no objection to the dual completion of Jicarilla Apache Well #19.

BY: 

TITLE: Vice President

DATE: August 16, 1977