Release July 31, 1985

By DRC

Gulf Oil Exploration and Production Company

R. C. Anderson
PRODUCTION MANAGER
HOBBS AREA

P. O. Box 670
Hobbs, NM 88240

July 3, 1985

Re: Administrative Application for NSL-2100
Unorthodox Location
R. R. Bell (NCT-C) Well No. 5 RULE-104(E)
Lea County, New Mexico

Mr. R. L. Stamets
New Mexico Oil Conservation Division
P. O. Box 2088
Santa Fe, New Mexico 87501

Dear Sir:

Chevron USA Inc. respectfully requests administrative approval for an unorthodox location for the subject well. This Eumont Gas completion is located 1440' FNL and 1310' FWL of Section 15-T21S-R36E, Lea County, New Mexico.

The original Order No. R-7924 granted approval for an unorthodox location at 1470' FNL and 1310' FWL. A non-standard gas proration unit was also authorized under this order. Upon commencement of drilling operations, it was necessary to move the proposed location to avoid interference from an existing 6" gas gathering pipeline crossing the location. Verbal approval to move the location 30' North was received from Mr. G. P. Quintana, of the OCD, in a telephone conversation with Mr. K. R. Pulliam, of this office, on June 24, 1985.

Please find attached forms C-101 and C-102, BOP Diagram, offset operators list, and a plat showing leases and well locations. Offset operators are being notified of our application by a registered copy of this letter. If any questions, please contact M. W. Casey at 505-393-4121.

Yours very truly,

R. C. Anderson

R. C. ANDERSON

MWC/skc
Att'd

cc: J. T. Sexton-OCD Hobbs
Offset Operators

This procedure was advised by Dick Stamets.
Dc.

Gulf

A DIVISION OF GULF OIL CORPORATION

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LAND OFFICE		
OPERATOR		

Amended

NEW MEXICO OIL CONSERVATION COMMISSION

Permit Expires 6 Months From Approval Date Unless Drilling Underway.

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease STATE [X] FEE [ ]

5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

b. Type of Well
DRILL [X] DEEPEN [ ] PLUG BACK [ ]
OIL WELL [ ] GAS WELL [X] OTHER SINGLE ZONE [X] MULTIPLE ZONE [ ]

7. Unit Agreement Name

8. Farm or Lease Name
R. R. Bell (WF-C)

2. Name of Operator
Gulf Oil Corp.

9. Well No.
5

3. Address of Operator
P. O. Box 670, Hobbs, NM 88240

10. Field and Pool, or Wildcat
Eumont

4. Location of Well UNIT LETTER E LOCATED 1440 FEET FROM THE North LINE
AND 1310 FEET FROM THE West LINE OF SEC. 15 TWP. 21S RGE. 36E NMPM

12. County
Lea

19. Proposed Depth	19A. Formation	20. Rotary or C.T.
3600	Eumont	Rotary

21. Elevations (Show whether DF, RT, etc.)	21A. Kind & Status Plug. Bond	21B. Drilling Contractor	22. Approx. Date Work will start
3577.1 GL	Blanket	Unknown	ASAP

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
11	8 5/8	24	450	300 sx	Surf
7 7/8	5 1/2	15.5	3400	600 sx	Surf
4 3/4	NONE	N/A	3600	NONE	N/A

Plan to set 5½" csg @ 3400' - move out rig - move in pulling unit & drill out to open hole complete @ 3600'

Mud Program: 0'-450' FW Spud mud 8.6-8.8 ppg, 32-36 vis, 8-9 pH
450'-3400' BW 10.0-10.2 ppg, 29 vis, 9-10 pH
3400'-3600' Air Foam

See attached BOP Drawing for 2000-3000# W.P.

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. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed R L Pitts Title AREA PROD MGR Date 6-25-85

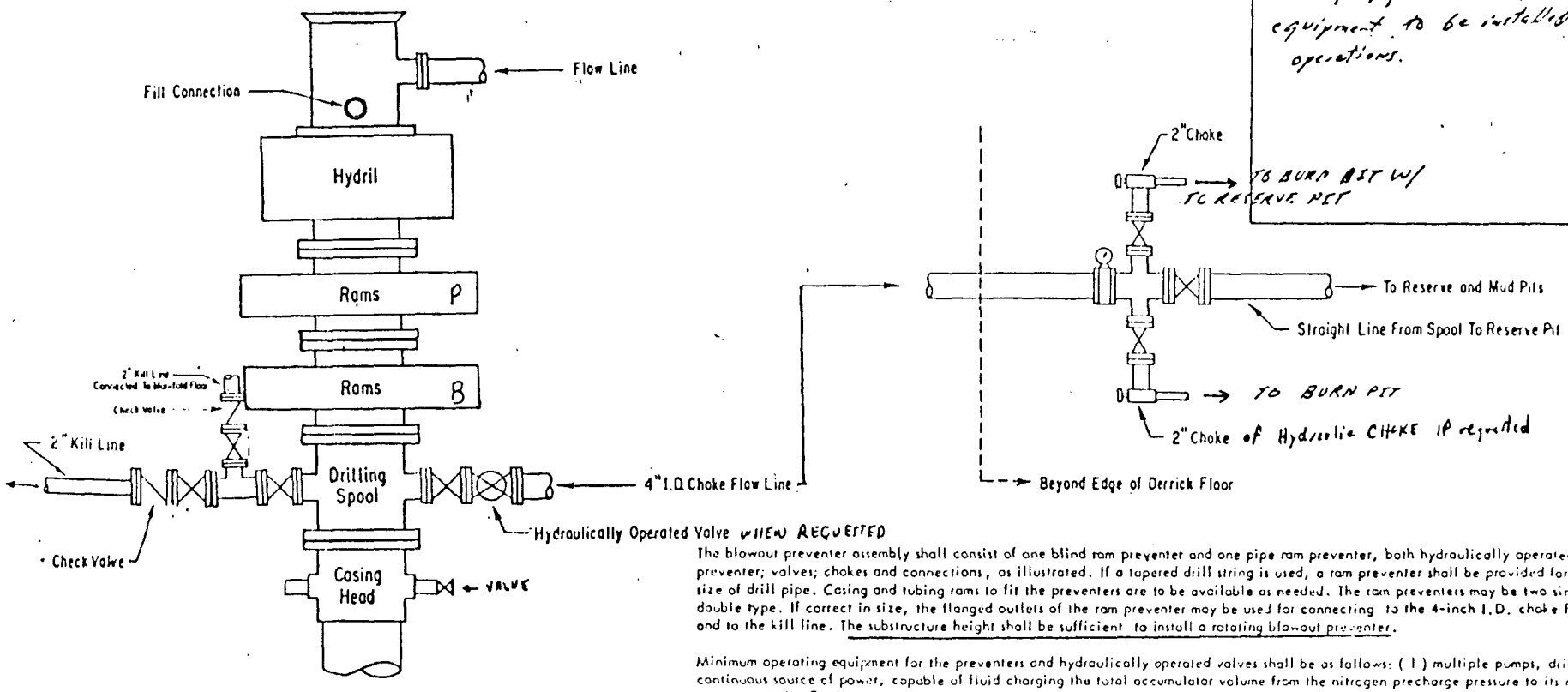
(This space for State Use)

APPROVED BY ORIGINAL SIGNED BY EDDIE SEAY TITLE OIL & GAS INSPECTOR DATE JUN 26 1985

CONDITIONS OF APPROVAL, IF ANY:

This approval is for drilling, only, and is contingent upon the amendment of R-7924 to approve this unorthodox location. Production will not be authorized until this has been done.

ADDITIONS - DELETIONS - CHANGES SPECIFY
NOTE: "When Requested" means at any time the Gulf Supervisor can, may, or will require the equipment to be installed during operations.



2000-3000 PSI WORKING PRESSURE BOP HOOK-UP FOR LARGE CASINGS

SPECIFY WORKING PRESSURE

The blowout preventer assembly shall consist of one blind ram preventer and one pipe ram preventer, both hydraulically operated; a Hydril preventer; valves; chokes and connections, as illustrated. If a tapered drill string is used, a ram preventer shall be provided for each size of drill pipe. Casing and tubing rams to fit the preventers are to be available as needed. The ram preventers may be two singles or a double type. If correct in size, the flanged outlets of the ram preventer may be used for connecting to the 4-inch I.D. choke flow line and to the kill line. The substructure height shall be sufficient to install a rotating blowout preventer.

Minimum operating equipment for the preventers and hydraulically operated valves shall be as follows: (1) multiple pumps, driven by a continuous source of power, capable of fluid charging the total accumulator volume from the nitrogen precharge pressure to its rated pressure within 2 minutes. Also, the pumps are to be connected to the hydraulic operating system which is to be a closed system. (2) accumulators with a precharge of nitrogen of not less than 750 PSI and connected so as to receive the aforementioned fluid charge. With the charging pumps shut down, the pressurized fluid volume stored in the accumulators shall be sufficient to close all the pressure-operated devices simultaneously within 19 seconds; after closure, the remaining accumulator pressure shall be not less than 1000 PSI with the remaining accumulator fluid volume at least 50 percent of the original. When requested, either an additional source of power, remote and equivalent, is to be available to operate the above pumps; or there shall be additional pumps operated by separate power and equal in performance capabilities.

The closing manifold and remote closing manifold shall have a separate control for each pressure-operated device. Controls are to be labeled, with control handles to indicate open and closed positions. A pressure reducer and regulator must be provided for operating the Hydril preventer. When requested, a second pressure reducer shall be available to limit operating fluid pressures to ram preventers. Gulf Legion No. 38 hydraulic oil, an equivalent or better, is to be used as the fluid to operate the hydraulic equipment.

The choke manifold, the choke flow line, the choke lines and the relief lines are to be supported by metal stands and adequately anchored. The choke flow line, relief lines and choke lines shall be constructed as straight as possible and without sharp bends. Easy and safe access shall be maintained to the choke manifold. All valves are to be selected for operation in the presence of oil, gas, and drilling fluids. The choke flow line valves and valves of the relief lines connected to the drilling spools and all ram type preventers must be equipped with stem extensions, universal joints if needed and hand wheels which are to extend beyond the edge of the derrick substructure. All other valves shall be equipped with handles.

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	Lease	Well No.
GULF OIL CORP.	R.R. BELL NCT-C COM	5

Unit Letter	Section	Township	Range	County
E	15	21S	36E	LEA

Actual Location of Well:
1440 feet from the NORTH line and 1310 feet from the WEST line

Ground Level Elev.	Producing Formation	Pool	Dedicated Acreage:
3577.1	Penrose, Yates, 7 Rivers	Eumont Gas	320 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.

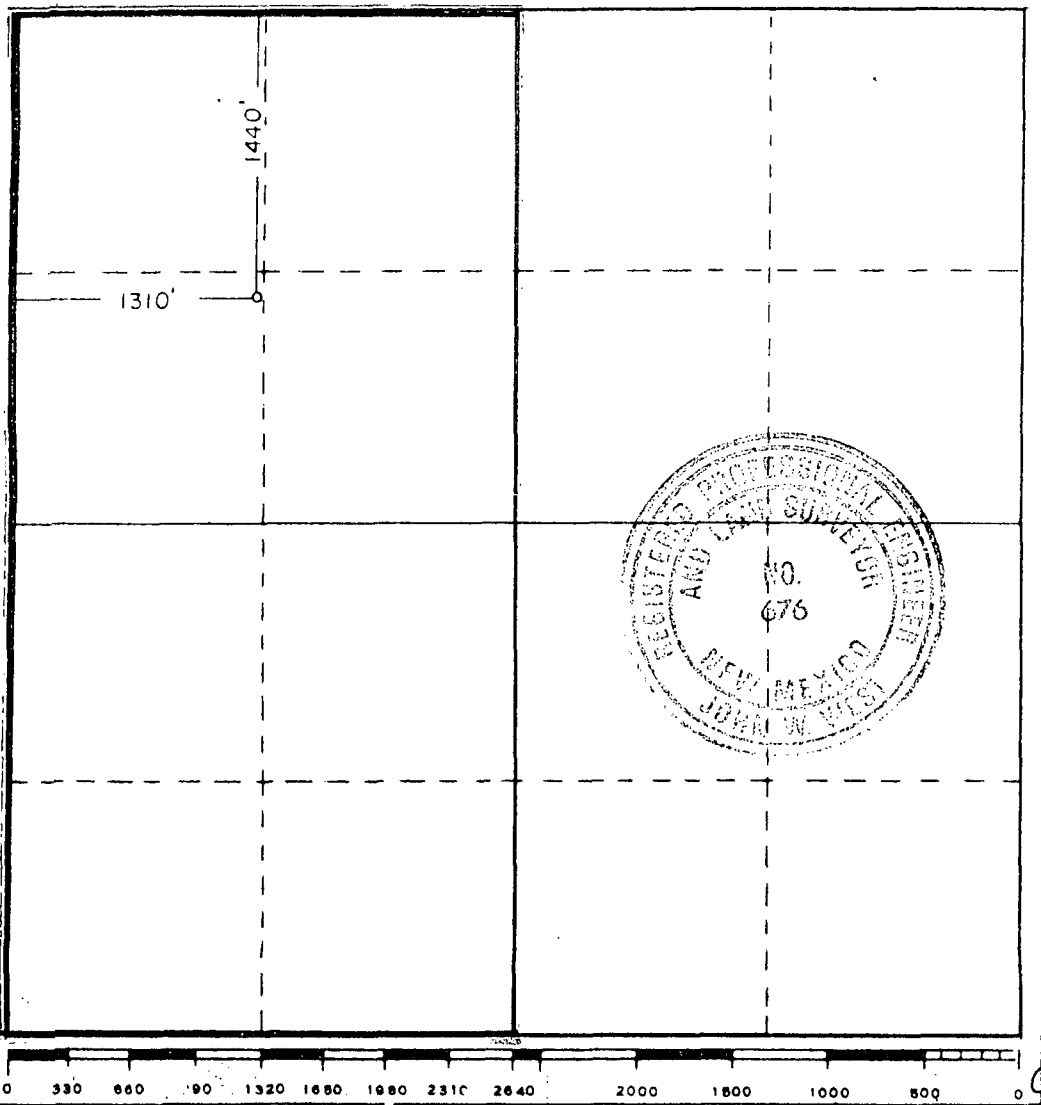
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

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 _____

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.



0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

CERTIFICATION

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

R D Pate

Name: Area Engr.

Position: Gulf Oil

Company: 6/24/85

Date:

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.

REVISED 6/24/85

Date Surveyed: 3/11/85

Registered Professional Engineer and/or Land Surveyor

John W West

Certificate No. JOHN W. WEST, 676
RONALD J. EIDSON, 3239

OFFSET OPERATORS

Amoco
P. O. Box 68
Hobbs, New Mexico 88240
Attn: James Allen

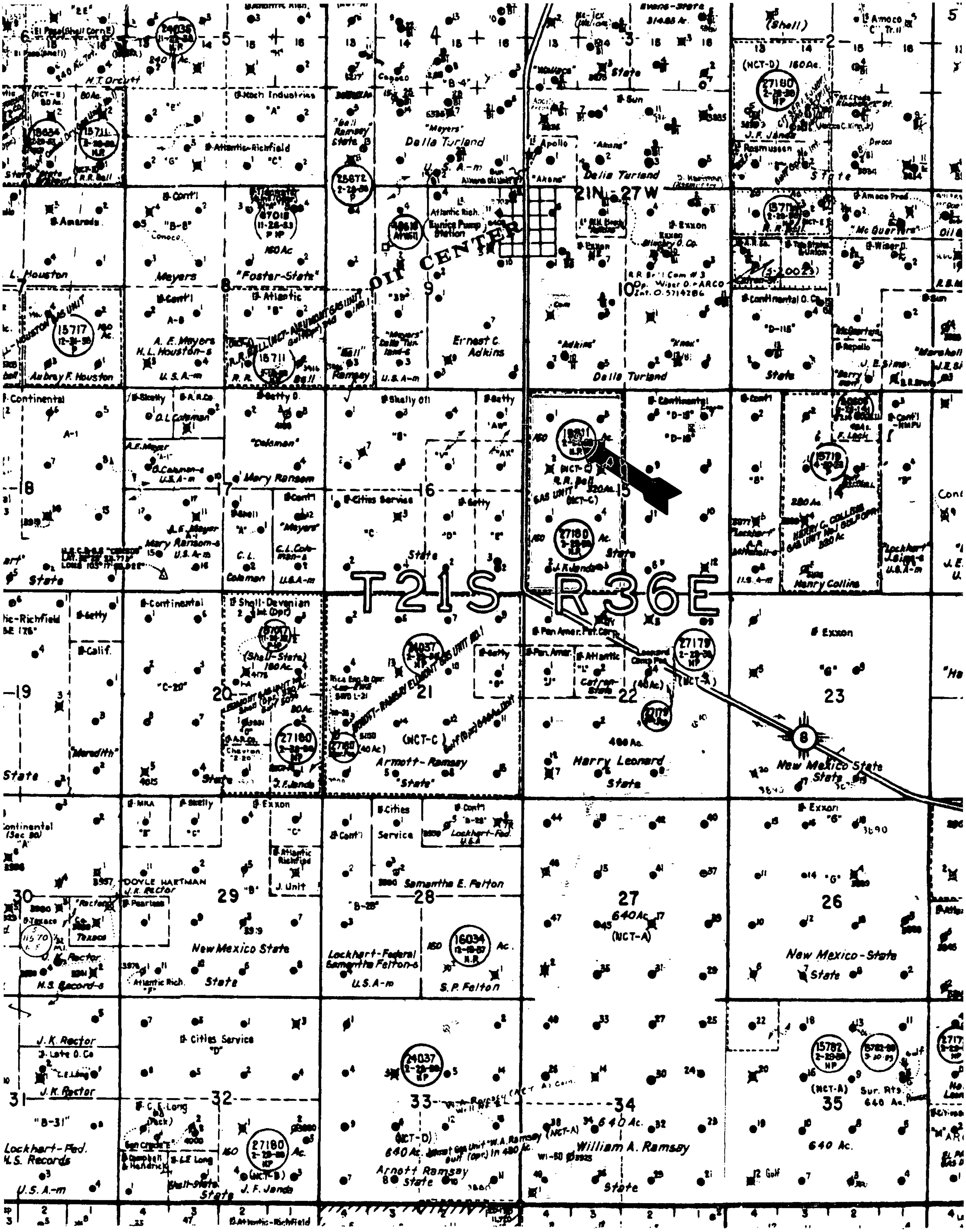
ARCO Oil and Gas
P. O. Box 2819
Dallas, Texas 75221

Cities Service Company
P. O. Box 1919
Midland, Texas 79702
Attn: Mr. Gene Motter

Conoco, Inc.
Five Greenway Plaza E
Houston, Texas 77001

Exxon Company, USA
P. O. Box 2180
Houston, Texas 77001
Attn: Jack Lytle

Texaco, Inc.
P. O. Box 3109
Midland, Texas 79702
Attn: Gary Kearn



T21S R36E
21N - 27W
OIL CENTER
Della Turland
Eunice Pump Station
Atlantic-Richfield
Koch Industries
Amerada
L. Houston
Meyers
"Foster-State"
A. E. Meyers
H. L. Houston-s
Aubrey F. Houston
U. S. A.-m
Ernest C. Adkins
Cities Service
Shell-Devonian
Continental
Calif.
Exxon
Armott-Ramsey
Harry Leonard State
New Mexico State
Samantha E. Felton
Lockhart-Federal
S. P. Felton
J. K. Rector
William A. Ramsay
Arnott Ramsay State
J. F. Janda
Lockhart-Fed.
H. S. Records
Henry Collins
Doyle Hartman
640 Ac.
(NCT-A)
(NCT-C)
(NCT-D)
State