



Texaco Exploration
and Production Inc.
Denver Region

3300 North Butler
Farmington, NM 87401
505 325-4397

DHC 12/8/98

2/43

November 17, 1998

Mr. David Catanach
State of New Mexico
Oil Conservation Division
2040 S. Pacheco
Santa Fe, New Mexico 87505-6429



RE: Downhole Commingle Application
C. W. Roberts #4
John Charles #6A

Please find enclosed applications to commingle downhole the subject wells.
The originals of the applications were incorrectly sent to the Aztec office.

Conservation with Ms. Kathy Valdez advised that the copies would be acceptable this time.

Please advise of any missing documents that should have been included.

Billy Bowen
Four Star Oil and Gas Company
(505) 325-4397 Ext. 14

DISTRICT I
P.O. Box 1930, Hobbs, NM 88241-1980
DISTRICT II
P.O. Box Drawer DD, Artesia, NM 88211-0719
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410
DISTRICT IV
P.O. Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals and Natural Resources Department
OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Form C-102
Revised February 10, 1999
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copie
Fee Lease - 3 Copie
 AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

| | | |
|---------------------------------------|---|---|
| ¹ API Number 3003905965 | ² Pool Code 72319 | ³ Pool Name BLANCO GALLUP |
| ⁴ Property Code 017665 | ⁵ Property Name C W ROBERTS | ⁶ Well No. 4 |
| ⁷ OGRID Number 131994 | ⁸ Operator Name FOUR STAR OIL AND GAS COMPANY | ⁹ Elevation 7185' GR - 7193' KB |

¹⁰ Surface Location

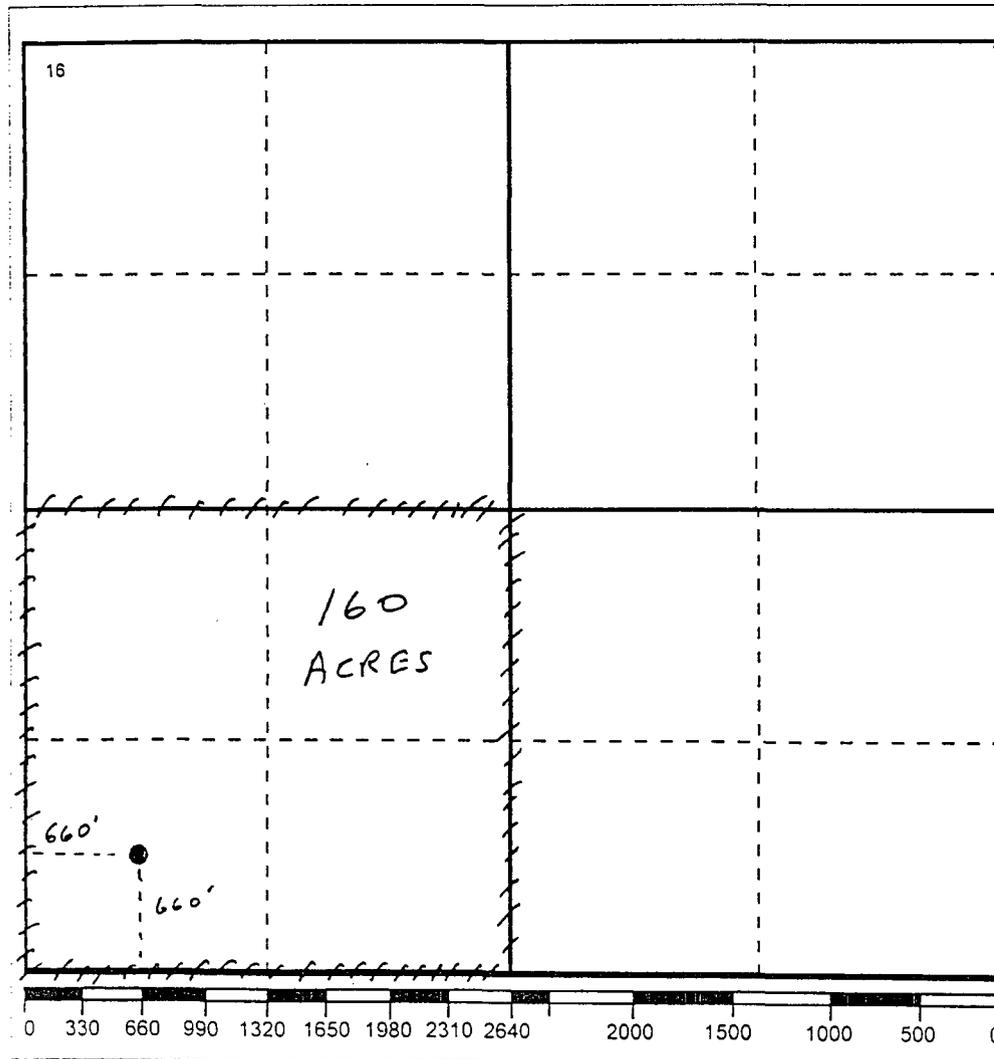
| Ul or lot no | Section | Township | Range | Lot.Idn | Feet From The | North/South Line | Feet From The | East/West Line | County |
|--------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|------------|
| M | 17 | T25N | R03W | | 660 | SOUTH | 660 | WEST | RIO ARRIBA |

¹¹ Bottom Hole Location If Different From Surface

| Ul or lot no. | Section | Township | Range | Lot.Idn | Feet From The | North/South Line | Feet From The | East/West Line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|------------|
| O | 17 | T25N | R03W | | 902 | SOUTH | 3411 | WEST | RIO ARRIBA |

| | | | |
|-------------------------------------|-------------------------------------|----------------------------------|-------------------------|
| ¹² Dedicated Acre 320 | ¹³ Joint or Infill No | ¹⁴ Consolidation Code | ¹⁵ Order No. |
|-------------------------------------|-------------------------------------|----------------------------------|-------------------------|

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



17 OPERATOR CERTIFICATION

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

Signature

Rached Hindi

Printed Name

Rached Hindi

Positio

Senior Engineer

Date

9/30/98

18 SURVEYOR CERTIFICATION

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

Signature & Seal of

Professional Surveyor

Certificate No.

DISTRICT I
P.O. Box 1980, Hcbb, NM 88241-1980
DISTRICT II
P.O. Box Drawer DD, Artesia, NM 88211-0719
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410
DISTRICT IV
P.O. Box 2088, Santa Fe, NM 87504-2088

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Energy, Minerals and Natural Resources Department

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|---------------------------------------|---|---|
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| ⁴ Property Code 017665 | ⁵ Property Name C W ROBERTS | ⁶ Well No. 4 |
| ⁷ OGRID Number 131994 | ⁸ Operator Name FOUR STAR OIL AND GAS COMPANY | ⁹ Elevation 7185' GR - 7193' KB |

¹⁰ Surface Location

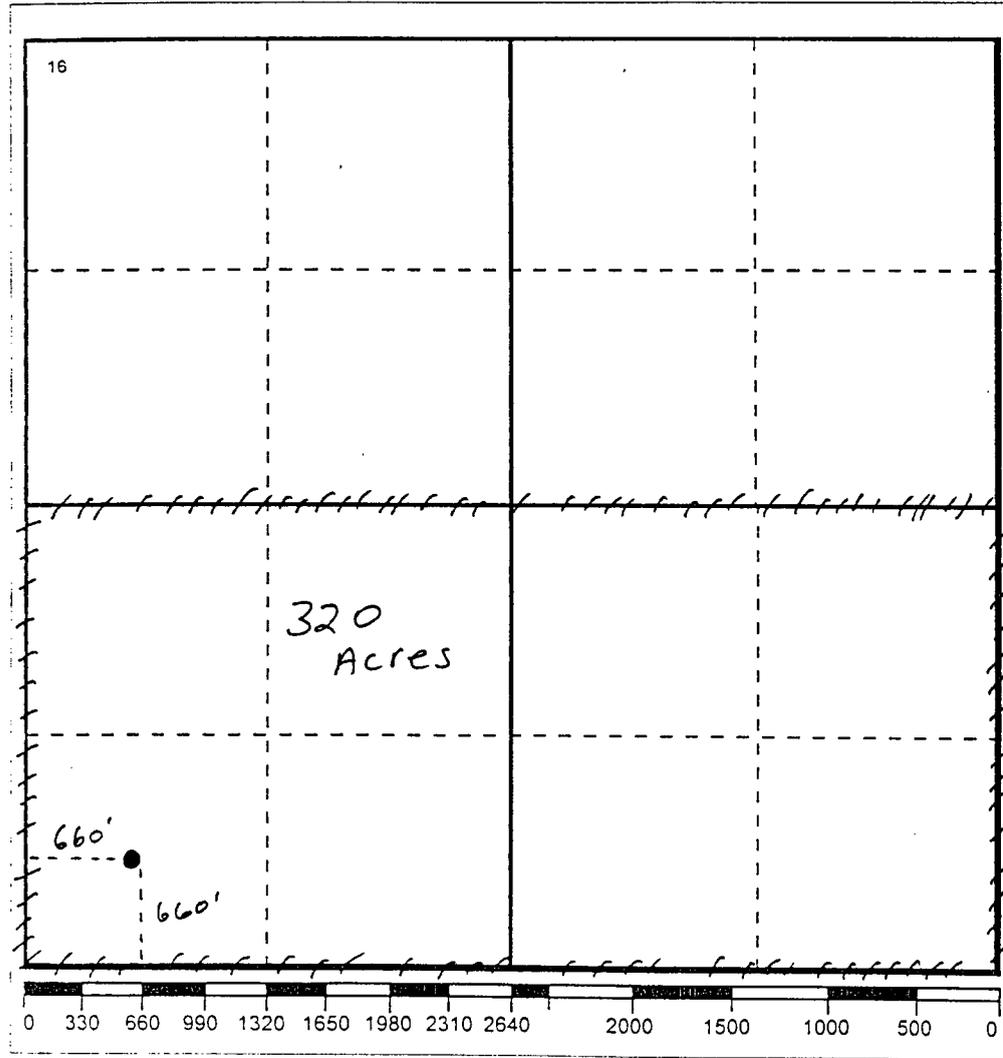
| UI or lot no | Section | Township | Range | Lot.Idn | Feet From The | North/South Line | Feet From The | East/West Line | County |
|--------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|------------|
| M | 17 | T25N | R03W | | 660 | SOUTH | 660 | WEST | RIO ARRIBA |

¹¹ Bottom Hole Location If Different From Surface

| UI or lot no. | Section | Township | Range | Lot.Idn | Feet From The | North/South Line | Feet From The | East/West Line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|------------|
| O | 17 | T25N | R03W | | 902 | SOUTH | 3411 | WEST | RIO ARRIBA |

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Printed Name
Rached Hindi

Positio
Senior Engineer

Date
9/30/98

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Date Surveyed

Signature & Seal of Professional Surveyor

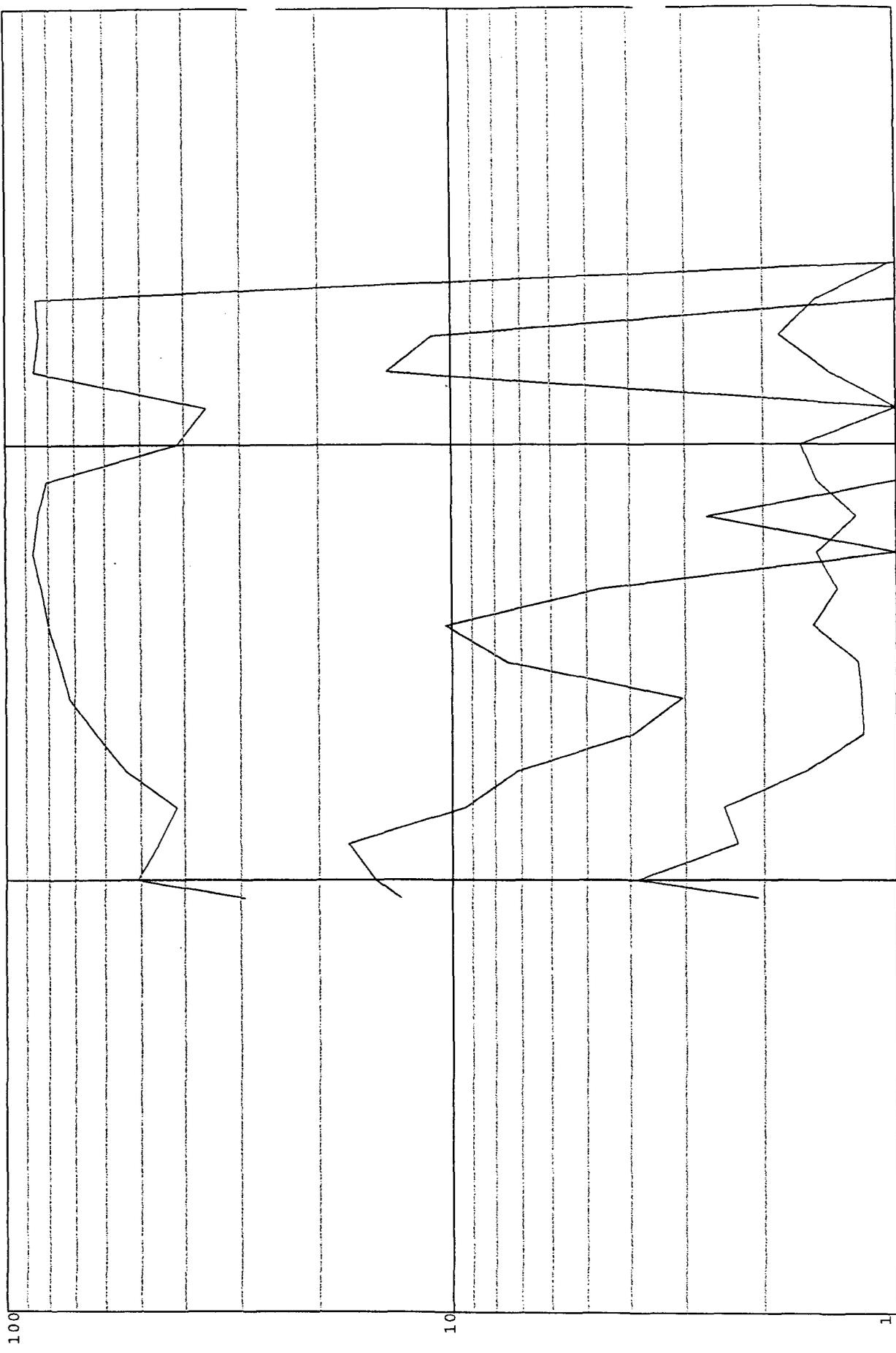
Certificate No.

LEASE_NAME: ROBERTS, C. W. RSVR: MV
 TEX_WELL_NO: 4 REG_FLD: 72319
 CURR_LSE_NO: 017665

98

97

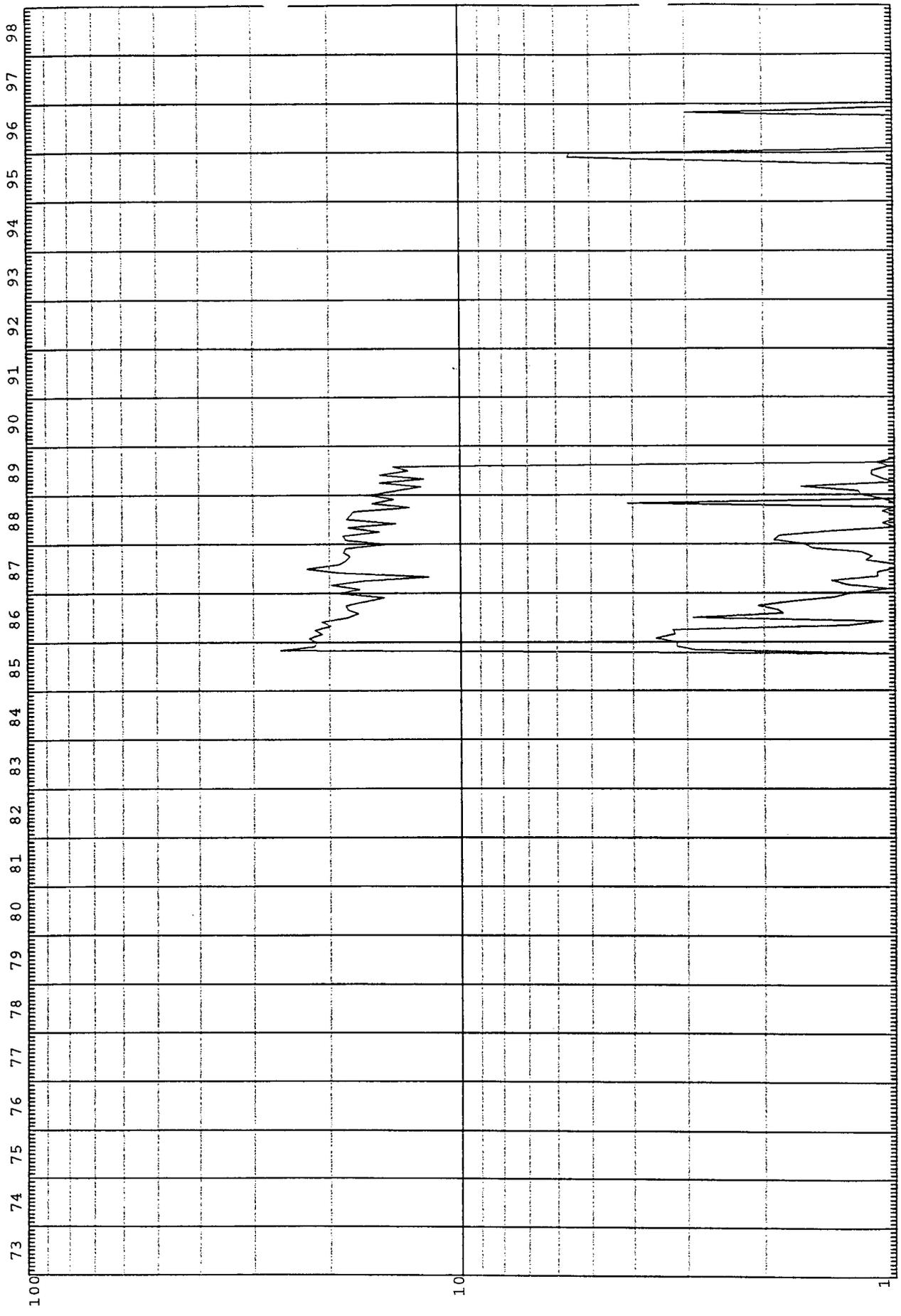
96



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---- BOPD ---- MCFPD ---- BWPD
 CURRENT CUMS: OIL: 943 bbl GAS: 35,930 mcf WTR: 3,595 bbl WINJ: 0 bbl

LEASE NAME: ROBERTS, C. W. RSVR: GAL/DK
 TEX_WELL_NO: 4 REG_FLD: 39189
 CURR_LSE_NO: 017665



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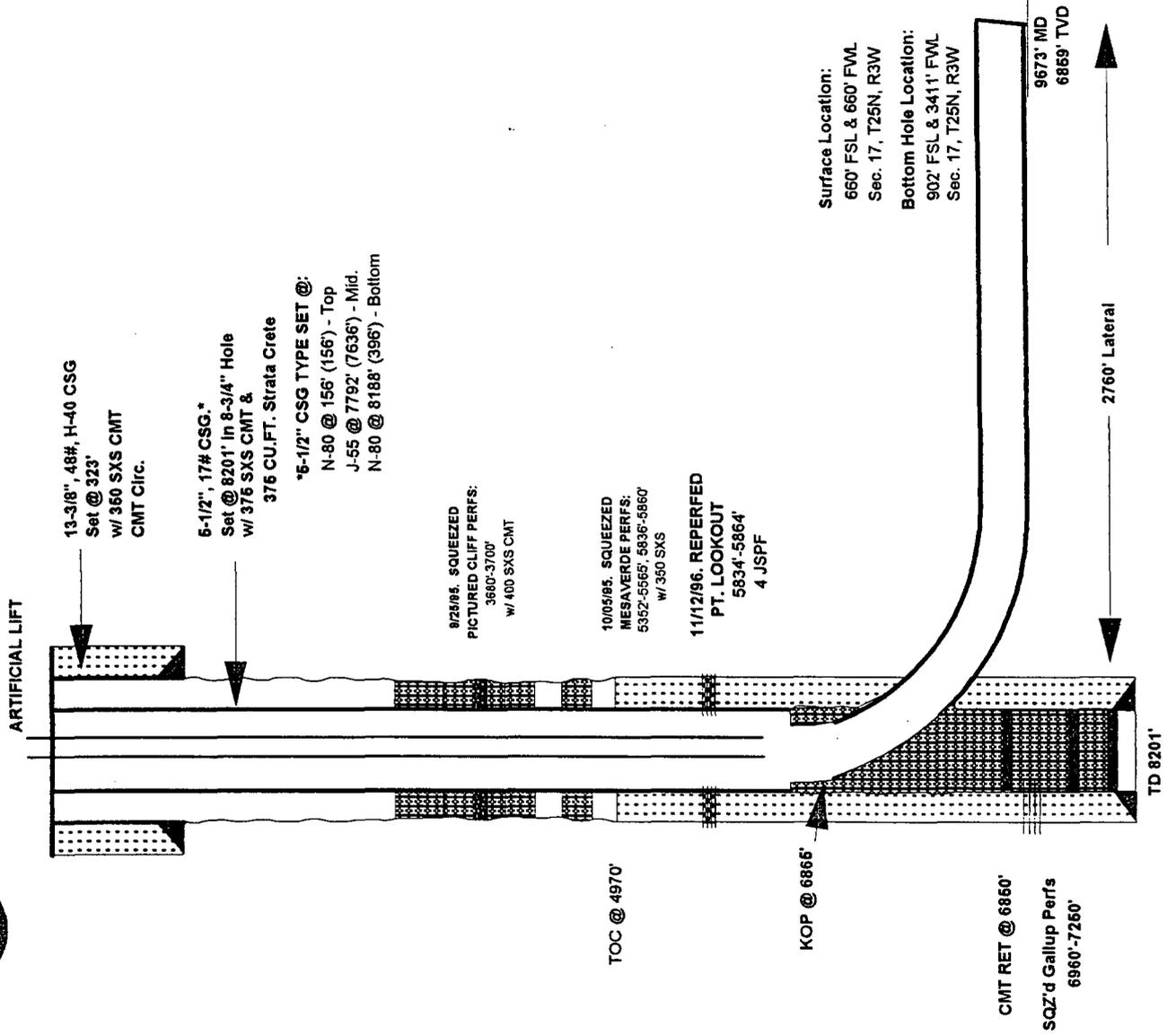
---- BOPD ---- MCFPD ---- BHPD ---- AVG INJ PRES / 1
 CURRENT CUMS: OIL: 54,045 bbl GAS: 78,473 mcf WTR: 715 bbl WINJ: 0 bbl



C.W. ROBERTS No. 4

PROPOSED COMMINGLE COMPLETION

9/21/88

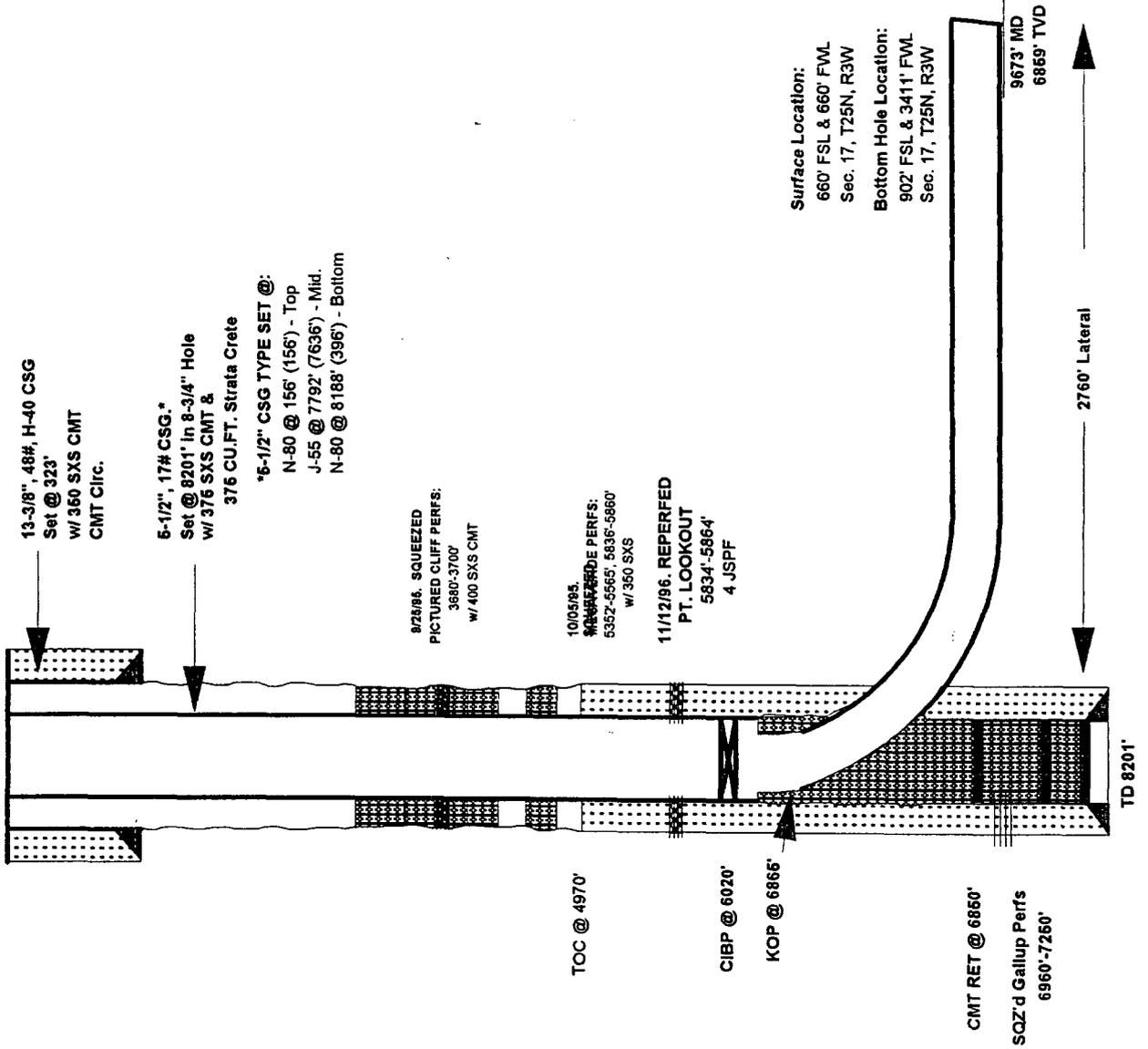




C.W. ROBERTS No. 4

CURRENT SIDETRACK COMPLETION

4/02/87





**Texaco Exploration
and Production Inc.**
Denver Region

3300 North Butler
Farmington, NM 87401
505 325-4397

September 31, 1998

Little Oil and Gas Incorporated
P.O. Box 1258
Farmington, New Mexico 87499

RE: Commingling Application
C. W. Roberts #4
Sec. 17-25N-3W
Rio Arriba County, New Mexico

This letter is to advise your company that Four Star Oil and Gas Company as requested approval to commingle the subject well, per the attached BLM report.

Billy Bowen



**Texaco Exploration
and Production Inc.**
Denver Region

3300 North Butler
Farmington, NM 87401
505 325-4397

September 31, 1998

Elliott Oil Company
P.O. Box 1355
Roswell, New Mexico 88202

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C. W. Roberts #4
Sec. 17-25N-3W
Rio Arriba County, New Mexico

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Billy Bowen



Texaco Exploration
and Production Inc.
Denver Region

3300 North Butler
Farmington, NM 87401
505 325-4397

September 31, 1998

Schalk Development Company
P.O. Box 25825
Albuquerque, New Mexico 87125

RE: Commingling Application
C. W. Roberts #4
Sec. 17-25N-3W
Rio Arriba County, New Mexico

This letter is to advise your company that Four Star Oil and Gas Company as requested approval to commingle the subject well, per the attached BLM report.

Billy Bowen

Is your RETURN ADDRESS completed on the reverse side?

SENDER:

- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

- Addressee's Address
- Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:
 Elliott Oil Company
 PO Box 1355
 Roswell, NM 88202

4a. Article Number
 P160 088 778

4b. Service Type

Registered Certified
 Express Mail Insured
 Return Receipt for Merchandise COD

7. Date of Delivery
 10/6/98

5. Received By: (Print Name)
 Kathy Elliott

8. Addressee's Address (Only if requested and fee is paid)

6. Signature: (Addressee or Agent)
 X Kathy Elliott

PS Form 3811, December 1994 Domestic Return Receipt

Thank you for using Return Receipt Service.

Is your RETURN ADDRESS completed on the reverse side?

SENDER:

- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
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I also wish to receive the following services (for an extra fee):

- Addressee's Address
- Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:
 Schalk Development Co
 PO Box 25825
 Albuquerque, NM 87125

4a. Article Number
 P160 088 777

4b. Service Type

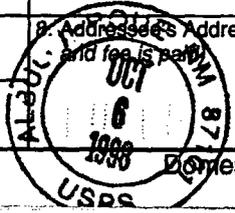
Registered Certified
 Express Mail Insured
 Return Receipt for Merchandise COD

7. Date of Delivery

5. Received By: (Print Name)
 Schalk

8. Addressee's Address (Only if requested and fee is paid)

6. Signature: (Addressee or Agent)
 X [Signature]



PS Form 3811, December 1994 Domestic Return Receipt

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SENDER:

- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
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- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

- Addressee's Address
- Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:
 Little Oil + Gas Inc.
 PO Box 1258
 Farmington, NM 87499

4a. Article Number
 P160 088 776

4b. Service Type

Registered Certified
 Express Mail Insured
 Return Receipt for Merchandise COD

7. Date of Delivery
 10-2

5. Received By: (Print Name)
 Cher Whitney

8. Addressee's Address (Only if requested and fee is paid)

6. Signature: (Addressee or Agent)
 X Cher Whitney

PS Form 3811, December 1994 Domestic Return Receipt

Thank you for using Return Receipt Service.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT --" for such proposals

SUBMIT IN TRIPLICATE

| | |
|---|--|
| 1. Type of Well: <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER | 5. Lease Designation and Serial No. SF-079600 |
| 2. Name of Operator FOUR STAR OIL AND GAS COMPANY | 6. If Indian, Alottee or Tribe Name |
| 3. Address and Telephone No. 3300 N. Butler Ave., Suite 100 Farmington NM 87401 325-4397 | 7. If Unit or CA, Agreement Designation |
| 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Unit Letter <u>M</u> : <u>660</u> Feet From The <u>SOUTH</u> Line and <u>660</u> Feet From The <u>WEST</u> Line Section <u>17</u> Township <u>T25N</u> Range <u>R03W</u> | 8. Well Name and Number C W ROBERTS 4 |
| | 9. API Well No. 3003905965 |
| | 10. Field and Pool, Exploratory Area BLANCO MESA VERDE/GALLUP |
| | 11. County or Parish, State RIO ARRIBA, NM |

12. Check Appropriate Box(s) To Indicate Nature of Notice, Report, or Other Data

| TYPE OF SUBMISSION | TYPE OF ACTION |
|--|--|
| <input checked="" type="checkbox"/> Notice of Intent | <input type="checkbox"/> Abandonment |
| <input type="checkbox"/> Subsequent Report | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Final Abandonment Notice | <input type="checkbox"/> Plugging Back |
| | <input type="checkbox"/> Casing Repair |
| | <input type="checkbox"/> Altering Casing |
| | <input checked="" type="checkbox"/> OTHER: <u>DOWNHOLE COMMINGLE</u> |
| | <input type="checkbox"/> Change of Plans |
| | <input type="checkbox"/> New Construction |
| | <input type="checkbox"/> Non-Routine Fracturing |
| | <input type="checkbox"/> Water Shut-Off |
| | <input type="checkbox"/> Conversion to Injection |
| | <input type="checkbox"/> Dispose Water |

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log Form.)

13. 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.)

FOUR STAR OIL & GAS CO. REQUESTS APPROVAL TO DOWNHOLE COMMINGLE PRODUCTION FROM THE SUBJECT WELL.

ZONES TO BE COMMINGLED

| | BLANCO MESA VERDE | WEST LINDRITH GALLUP |
|--------------|--------------------|-----------------------|
| PERFORATIONS | 5835-5865' | SIDE TRACK 6865-9673' |
| PRODUCTION | 2 OIL 4 WTR 85 GAS | 2 OIL 3 WTR 39 GAS |
| GAS BTU | 1259 | 1273 |
| OIL GRAVITY | 43.7 API | 46 API |

THE WELL IS A MARGINAL PROPERTY AND TO MAXIMUMIZE RESERVE RECOVERY, THE WELL REQUIRES COMMINGLING DOWNHOLE. LOW ECONOMICS RESULTING FROM LOW PRODUCTION DOES NOT ALLOW FOR DUALY COMPLETING. ARTIFICIALLY LIFTING OF THE FLUID UNDER DUAL COMPLETION IS NOT FEASIBLE.

ARTIFICIAL LIFT WILL BE USED TO MAINTAIN LOW FLUID LEVELS, AFTER COMMINGLING TO ENSURE MAXIMUM PRODUCTION

FOR INFORMATION ONLY

Mailed 10/1/98

I hereby certify that the foregoing is true and correct

SIGNATURE Rached Hindi TITLE Senior Engineer DATE 9/30/98

TYPE OR PRINT NAME Rached Hindi

(This space for Federal or State office use)

APPROVED

CONDITIONS OF APPROVAL, IF ANY: _____ TITLE _____ DATE _____

OFFSET OF TRACTORS: MESAVET DE FORMATION:
(320 ACRES SPACING)

C.W. ROBERTS #4

T-25 N, R-3 W, SEC. 17: SW/4 SW/4

RIO ARRIBA COUNTY, NM

| | | | | | | | | | | | |
|---|----|---|---|---|----|---|--|---|----|---|---|
| | | | | | | | | | | | |
| E | 18 | G | | E | 17 | H | | | | | |
| L | | | | | | J | | | | | |
| | | O | | M | | | | M | | | P |
| | C | | A | | G | | | | | | |
| | 19 | | | | 20 | G | | E | 21 | G | |
| | | | | | | | | | | | |
| | | O | | | | | | | | | |



FOUR STAR OIL & GAS COMPANY Sec 17, 18, 19, 20

P.O. BOX 2100

DENVER, CO 80201



SCHALK DEVELOPMENT COMPANY

(505) 881-6649

P.O. BOX 25825

Sec 16 S2

ALBUQUERQUE, NM 87125



ELLIOTT OIL COMPANY

(505) 622-5840

P.O. BOX 1355

ROSWELL, NM 88202

Sec 21 N2



LITTLE OIL & GAS INCORPORATED

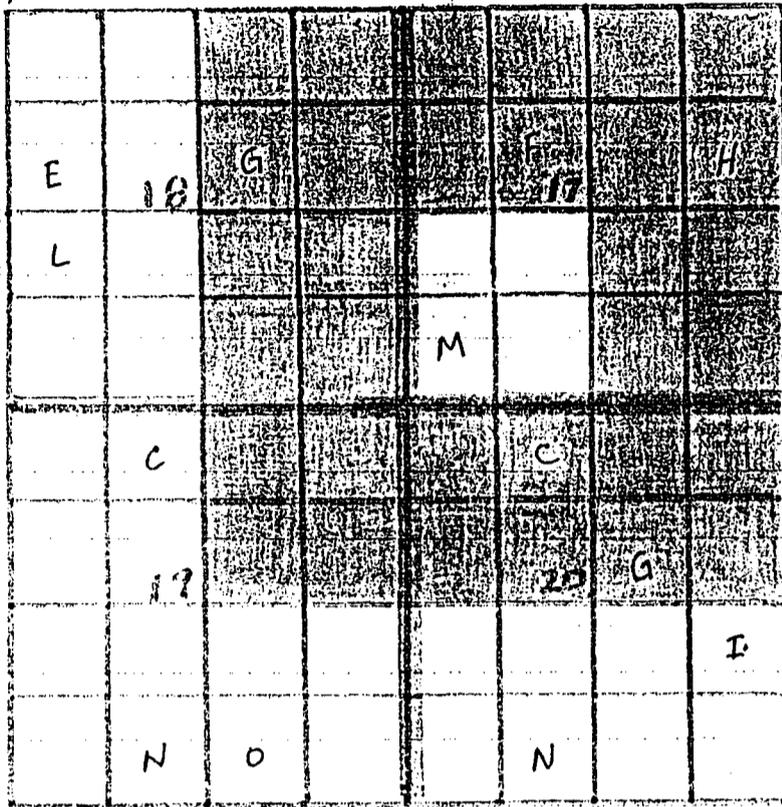
(505) 327-6176

P.O. BOX 1258

FARMINGTON, NM 87499

Sec 16 N2

OFFSET OF RATORS : GALLUP FORMATION : (160 ACRES SPACING)
 C. W. ROBERTS #4 DAKOTA
 T-25 N, R-3W, SEC. 17: SW/4 SW/4
 RIO ARriba COUNTY, NM



FOUR STAR OIL & GAS COMPANY
 P.O. BOX 2100
 DENVER, CO 80201

T-25 N, R-3W, RIO ARriba Co., NM

GALLUP FORMATION WELLS — (PETROLEUM INFORMATION — 9/23/98)
 DAKOTA

| SECTION | SPOT | STATUS | PRODUCT | OPERATOR | WELL NAME |
|---------|------|--------|---------|----------|------------------|
| 17 | H | A | CRUDE | FSOG | C W ROBERTS #8A |
| 17 | F | A | CRUDE | FSOG | C W ROBERTS #5 |
| 17 | M | I | GAS | FSOG | C W ROBERTS #4 |
| 18 | G | A | CRUDE | FSOG | C W ROBERTS #6 |
| 18 | L | A | CRUDE | FSOG | C W ROBERTS #3A |
| 18 | E | A | CRUDE | FSOG | C W ROBERTS #6A |
| 19 | C | A | CRUDE | FSOG | LYDIA RENTZ #8 |
| 19 | O | A | CRUDE | FSOG | LYDIA RENTZ #11 |
| 19 | N | A | CRUDE | FSOG | LYDIA RENTZ #11A |
| 20 | C | A | CRUDE | FSOG | LYDIA RENTZ #7 |
| 20 | N | A | CRUDE | FSOG | LYDIA RENTZ #9 |
| 20 | I | A | CRUDE | FSOG | LYDIA RENTZ #9A |
| 20 | G | A | CRUDE | FSOG | LYDIA RENTZ #7A |