

DISTRICT I  
P.O.Box 1980, Hobbs, NM 88241-1980

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88211-0719

DISTRICT III  
1000 Rio Brazos Rd, Aztec, NM 87410

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-107  
Revised 4-1-91

Filing Instructions  
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**APPLICATION FOR MULTIPLE COMPLETION**

| Operator             | Address                          |                             |            |
|----------------------|----------------------------------|-----------------------------|------------|
| Marathon Oil Company | P. O. Box 552, Midland, TX 79702 |                             |            |
| Lease                | Well No.                         | Unit Ltr. - Sec - Twp - Rge | County     |
| Jicarilla Apache     | 8                                | "P" S-27, T-26-N, R-5-W     | Rio Arriba |

All applicants for multiple completion must complete items 1 and 2 below.

| 1. The following facts are submitted:                                                                                                          | Upper Zone               | Intermediate Zone                                      | Lower Zone |
|------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|--------------------------------------------------------|------------|
| a. Name of Pool and Formation                                                                                                                  | Mesa Verde Point Lookout |                                                        | Dakota     |
| b. Top and Bottom of Pay Section (Perforations)                                                                                                | 5250-5381                |                                                        | 7258-7490  |
| c. Type of production (Oil or Gas)                                                                                                             | Gas                      |                                                        | Gas        |
| d. Method of Production (Flowing or Artificial Lift)                                                                                           | Flow                     |                                                        | Flow       |
| e. Daily Production<br><input type="checkbox"/> Actual<br><input checked="" type="checkbox"/> Estimated<br>Oil Bbls.<br>Gas MCF<br>Water Bbls. | 250 MCF                  | <div>RECEIVED<br/>JUN - 8 1994<br/>OIL CON. DIV.</div> | 165 MCF    |

2. The following must be attached:

- 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.
- 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.
- 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.)

**OPERATOR:**

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

Signature Thomas M. Price

Printed Name & Title Thomas M. Price, Adv. Eng. Tech.

Date 5/12/94 Telephone 915/687-8324

**OIL CONSERVATION DIVISION**

Approved by: ORIGINAL SIGNED BY ERNIE BUSCH

Title: DEPUTY OIL & GAS INSPECTOR, DIST. #3

Date: JUN 8 1994

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

**FILING INSTRUCTIONS:**

- District Approval -- See rule 112-A-B -- Submit 4 copies of Form C-107 with attachments to appropriate district office.
- Division Director Administrative Approval -- See Rule 112-C -- Submit 2 copies of Form C-107 with attachments to Division office in Santa Fe and 2 copies of Form C-107 with attachments to appropriate district office.
- Multiple completions not qualifying for District or Division Director approval may be set for hearing as outlined in Rule 112-A-E.

JICARILLA APACHE #8  
 990' FSL & 990' FEL  
 SECTION 27, T-26-N, R-5-W  
 RIO ARriba COUNTY, NEW MEXICO

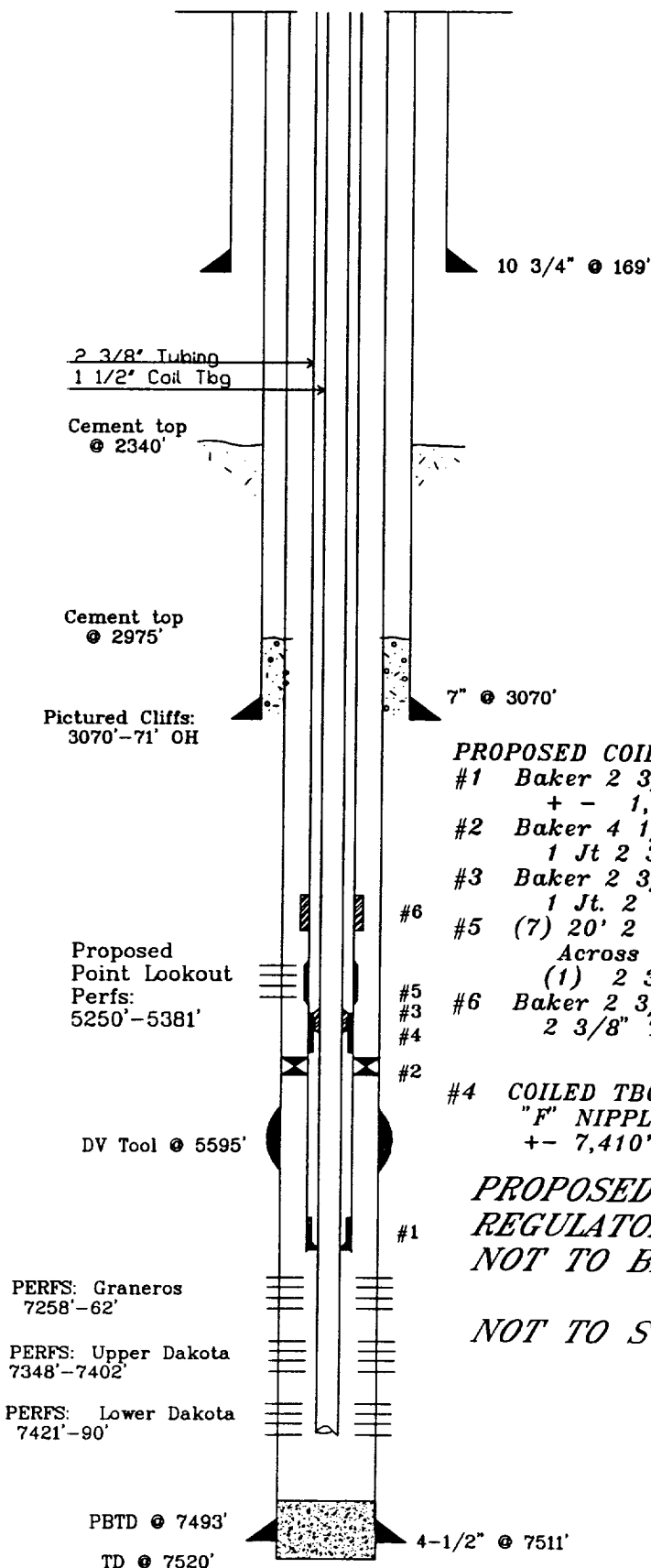
TD: 7520' PBSD: 7493'  
 GL: 6660' KB: 6673'

SURFACE: 5 jts, 10 3/4", 32.75#, H-40, set @ 169' KB. Cmt'd w/ 125 sx.

INTERMEDIATE: 100 jts, 7", 20#, J-55, set @ 3070' KB. Cmt'd w/ 100 sx. Est. TOC @ 2440'. Temp log indicates TOC @ 2340'.

PRODUCTION: 234 jts, 4 1/2", 11.6#, J-55, set @ 7511' KB. DV tool @ 5595' KB. Cmt'd both stages w/ 343 sx total. Temp. log indicates TOC @ 2975' KB.

PRESENT COMPLETION: Graneros, 7258'-62'; Upper Dakota, 7348'-7402'; Lower Dakota, 7421'-90' w/ 2jpf (72 holes total).



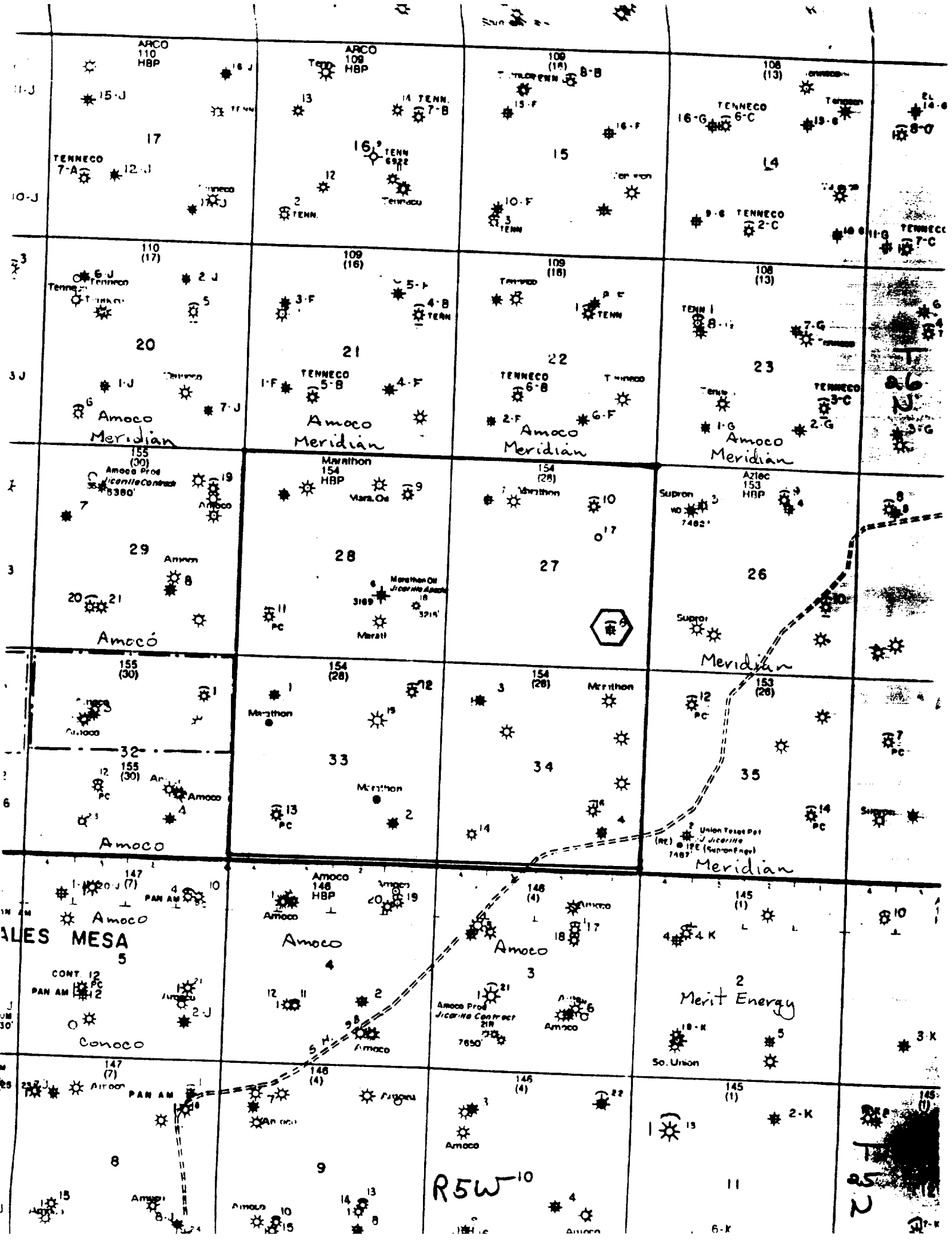
**PROPOSED COILED TBG INSTALLATION**

- #1 Baker 2 3/8" x 1.81" Model "R" Profile Nipple @ +- 7,200' + - 1,750' 2 3/8" Tbg.
- #2 Baker 4 1/2" x 2 3/8" Model A-3 Lok-Set Pkr +- 5,450' 1 Jt 2 3/8" Tbg.
- #3 Baker 2 3/8" x 1.812" Model "F" Profile Nipple 1 Jt. 2 3/8" Tbg.
- #5 (7) 20' 2 3/8" x 3.063" Blast Joints. Across from point Lookout Perfs 5,250'-5,381' (1) 2 3/8" 10' Pup Jt.
- #6 Baker 2 3/8" x 1.875" Model "L" Sliding Sleeve 2 3/8" Tbg to Surface
- #4 COILED TBG 1.5" OD W/ SEAL ASSY SET IN BAKER "F" NIPPLE @ + - 5,416', BOTTOM OF 1.5" TBG @ +- 7,410'

**PROPOSED COILED TBG COMPLETION  
 REGULATORY PURPOSE'S ONLY**

**NOT TO BE USED AS A WORKING DIAGRAM**

**NOT TO SCALE**



**June 6, 1994**

**OFFSETTING OPERATORS TO MARATHON OIL COMPANY'S  
JICARILLA APACHE LEASE  
SECTIONS 27, 28, 33, & 34, T-26-N, R-5-W,  
RIO ARriba COUNTY, NEW MEXICO**

**Amoco Production Company  
P. O. Box 800  
Denver, CO 80201-0800**

**Meridian Oil Inc.  
P. O. Box 4289  
Farmington, NM 87401-4289**

**Conoco Inc.  
10 Desta Dr., Ste. 100W  
Midland, TX 79705-4500**

**Merit Energy Corp.  
P. O. Box 351  
Midland, TX 79702-0351**