| U.S.G.S.  LAND OFFICE  OPERATOR  lq. Type of completion  NEW WORK WELL OVER  2. Name of Operator  Parameter Petrol  3. Address of Operator  Security Life Petrol  July 15, Date Spudded  16, Date T  | WELL COM  WELL  DEEPEN  DEEPEN  TWP. 298  TWP. | GAS WELL D PLUG DIFF BACK RESY  ICH  COLORAGO  EET FROM THE  RGE.  Date Compl. (R *a  3-12-66 | BOZOZ  L, NE AND  NMPM  NMPM  NMY to Prod.) 18, 1                        | 790                                   | ND LOG State | 1 Pool, er Wildom Poly Pool  |
|--|--|---|--|---------------------------------------|--|--|
| FILE  U.S.G.S.  LAND OFFICE  OPERATOR  la. TYPE OF WELL  b. TYPE OF COMPLETION  NEW WORK OVER  2. Name of Operator  3. Address of Operator  3. Address of Operator  LINE OF SEC.  15. Date Spudded  16. Date T  20. Total Depth  21. Producing Interval(s), of this co   | WELL COM  WELL  DEEPEN  DEEPEN  TWP. 298  TWP. | GAS WELL D PLUG DIFF BACK RESY  ICH  COLORAGO  EET FROM THE  RGE.  Date Compl. (R *a  3-12-66 | RECOMPLETIO  OTHER  OTHER  OTHER  LINE AND  MARM MARM  MARM Prod.) 18, 5 | 790                                   | ND LOG State  5. State C  7. Unit  8. Fare C  Bartin  9. Well Sc  Log Call  Bootin D  12. Sound  San Jo  | Fee Nil & Gas Lease Vo.  |
| U.S.G.S.  LAND OFFICE  OPERATOR  Id. TYPE OF WELL  b. TYPE OF COMPLETION  NEW WORK OVER  2. Name of Operator  3. Address of Operator  3. Address of Operator  LINE OF SEC.  15. Date Spudded  16. Date T  20. Total Depth  21. Control Depth  22. Producing Interval(s), of this control of the con | DEEPEN DE | GAS WELL D PLUG DIFF RESV  LOS  COLORADO  EET FROM THE  RGE.  Date Compl. (R *aa)             | OTHER_ OTHER  OTHER  B0202  LINE AND  NMPM NMPM NMPM 18, 15              | 790                                   | 7. Unit 8. Farry of Bactin 9, Well Sc  12. Sound See Back | Til & Gas Lease No.  Weement Name  File ise Name  At Gas Com "3"  C.  1  2 4 Pool, or Wildon |
| DAND OFFICE OPERATOR  Id. TYPE OF WELL  b. TYPE OF COMPLETION NEW WORK OVER  2. Name of Operator  3. Address of Operator  4. Location of Well  INIT LETTER LOCATED  THE LINE OF SEC.  15. Date Spudded 16. Date T  20. Total Depth 21  24. Producing Intervals) of this co   | DEEPEN DE | PLUG DIFF BACK RESY  LOSS  COLORDO  EET FROM THE RGE.  RGE.  Date Compl. (R *a  3-12-66       | BOZOZ  LINE AND  NMPM  NMPM  NMPM  18, 1                                 |                                       | 7. Unit  8. Farry of  Martia 9. Well be  10. Tell  Besia D  12. Sound  8em Je  | rietse Name  rietse Name  2 d Pool, er Wildent   |
| b. TYPE OF COMPLETION  NEW WORK  2. Name of Operator  3. Address of Operator  4. Location of Well  Just Letter Line of Sec.  15. Date Spusded 16. Date Total Depth 21  24. Producing Intervals), of this contact the second | DEEPEN DE | PLUG DIFF BACK RESY  LOSS  COLORDO  EET FROM THE RGE.  RGE.  Date Compl. (R *a  3-12-66       | BOZOZ  LINE AND  NMPM  NMPM  NMPM  18, 1                                 |                                       | Bosin D  | riese Name  ex Gas Com "G"  1 2 FPool, er Wildont  Calvota-Blanco (Gas                       |
| b. TYPE OF COMPLETION  NEW WELL OPER  OVER  2. Name of Operator  3. Address of Operator  4. Location of Well  UNIT LETTER LOCATED  THE LINE OF SEC.  15. Date Spudded 16. Date T  20. Total Depth 21  24. Producing Intervals, of this oc  | DEEPEN DE | PLUG DIFF BACK RESY  LOSS  COLORDO  EET FROM THE RGE.  RGE.  Date Compl. (R *a  3-12-66       | BOZOZ  LINE AND  NMPM  NMPM  NMPM  18, 1                                 |                                       | Bosin D  | riese Name  ex Gas Com "G"  1 2 FPool, er Wildont  Calvota-Blanco (Gas                       |
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| 2. Name of Operator  3. Address of Operator  4. Location of Well  DNIT LETTER LOCATED  THE LINE OF SEC.  15. Date Spudded 16. Date T  20. Total Depth 21  6.500  24. Producing Interval(s), of this co   | TWP. 295 TWP. 295 T.D. Reached 17.   | Colorado  EET FROM THE  RGE.  Date Compl. (R *aa3-12-66                                       | ROZOZ  L.NE AND  NMPM  udy to Prod.) 18, 5                               |                                       | Bosin D  | e.  1 2 1 Pool, er Wildent  Akota-Blanco Val   |
| 3. Address of Operator  4. Location of Well  JUNIT LETTER LOCATED  THE LINE OF SEC.  15. Date Spuided 16. Date T  20. Total Depth 21  6500  24. Producing Interval(s), of this co  | 1190 FE  TWP. 295 T.D. Reached 17. 65 L. Flug Back T.D. 6485   | Colorado  EET FROM THE  RGE.  Date Compl. (R *a  3-12-66                                      | NMPM ldy to Prod.) 18, 1   |                                       | Besta D  | Jahots-Blanco yes  |
| 4. Location of Well  ONIT LETTER LOCATED  THE LINE OF SEC.  15. Date Spuided 16. Date T  20. Total Depth 21  6500  24. Producing Interval(s), of this co   | TWP. 238 T.D. Reached 1766 1. Flug Back T.D. 6485  | eet from the<br>RGE.<br>Date Compl.( <i>R⇒a</i>   | NMPM ldy to Prod.) 18, 1   |                                       | Besta D  | Jahots-Blanco yes  |
| 4. Location of Well  UNIT LETTER LINE OF SEC.  15. Date Spuided 16. Date T  20. Total Depth 21  24. Producing Intervals), of this co   | TWP. 238 T.D. Reached 1766 1. Flug Back T.D. 6485  | eet from the<br>RGE.<br>Date Compl.( <i>R⇒a</i>   | NMPM ldy to Prod.) 18, 1   |                                       | FEET FROM 12, Sound  |  |
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| THE LINE OF SEC.  15. Date Spuided 16. Date T  20. Total Depth 21  6500  24. Producing Interval(s), of this co   | TWP. 298 T.D. Reached 1766 T. Flug Back T.D. 6485  | RGE. Date Compl. $(R \ge a)$  | NMPM 18, I   |                                       | Sea Je   |  |
| THE LINE OF SEC.  15. Date Spudded  16. Date T  20. Total Depth  5500  24. Producing Interval(s), of this co   | 1766 1766 1768 176   | RGE.  Date Compl. (R≥a  3-12-66   | idy to Prod.) 18, I  | Elevations (DF, F                     | See Ja   |  |
| 15. Date Spudded 16. Date T 20. Total Depth 5500 24. Producing Intervalls), of this co   | -66 ;<br>I. Flug Back T.D.<br>6485   | Date Compl. (R = a<br>3-12-66   | idy to Prod.) 18, I  | Elevations (DF, F                     | PKR RT CD  |  |
| 20, Total Depth 21<br>6500<br>24, Producing Interval(s), of this co  | 1. Flug Back T.D.  |   | 53   |                                       |  | 9. Elev. Cashinghead   |
| 6500<br>24. Producing Interval(s), of this eq  | 6485   | 1.00 f  | 14 11: 1 0   | 564 <b>1128</b> , 55                  | <del></del>  |  |
| 24 Producing Interval(s), of this eq   |  |   | Multiple Compl., Ho<br>any <b>2</b>                                      | Drilled                               |  | Cable Tools  |
| A37A-AC Macanage   |  | ottom. Name   |  |                                       | → Surface-650  | 25, Was Directional Survey   |
| 26. Type Electric and Other Logs R   | lun Radio  |   | eer, Games Re<br>ity Leg   | y Trecer,                             | Dopth 27.  | Was Well Cored   |
| 28.  | <u> </u>   | CASING RECOR  | D (Report all strings  | s set in well)                        | <del></del>  |  |
|  | r LB./FT. DI   | EPTH SET  | HOLE SIZE  |                                       | TING RECORD  | AMOUNT PULLED  |
| 13 3/8" 480<br>8 5/8" 240  |  | 320<br>2327   | 17 1/4"  | 400 sacks                             |  | None   |
|  |  | 6499  | 7 7/8"   | 100 0000                              | in 3 etages  | None :   |
|  |  |   |  |                                       | s et 4409,354  |  |
| 29.  | LINER RECOF  | ₹D  |  | 30.                                   | TUBING RE  | <del></del>  |
| SIZE TOP   | BOTTON   | SACKS CE  | MENT SCREEN  | SIZE                                  | DEPTH SET  | PACKER SET   |
|  |  |   | (Bosin Debot   |                                       | 6263   |  |
|  |  |   | ance Nesavez   |                                       | 4200   |  |
| BL Perforation Record (Interval, size 6369-82, 6388-98 with  | e and number)  | t.  | 32.  | · · · · · · · · · · · · · · · · · · · | RACTURE, CEMENT S  |  |
| 6303-18 with 4 shots,  | _  |   | 6369-98  | INTERVAL                              | 40,000 lbs sa  | (IND MATERIAL USED   |
| 4228-54,4276-92,4324   |  |   | 6303-18  |                                       | 30,600 lbs sa  | =<br>=   |
| 3942-55, 3992-4014, 490<br>3610-40, 3687-3711, 374   |  |   | 7640-73  | 40                                    | 40,000 lbs sa  |  |
|  |  |   |  |                                       | 30,000 lbs sa  |  |
| 33. Date First Production  | Production Method  | (Flowing are life   | PRODUCTION : t, pumping = Size an  |                                       | 30,000 1bs at  | tus (Prod. or Shut-in)   |
|  | Messing  | i. god nog, gas tiji  | ., gumpurg - size an   |                                       |  | tus (Frod. or Shut-in)   |
| Date of Test Hours Tes   |  |   |  | Gas MCF                               |  | Gas — Oil Ratio  |
| 3-22-66  | 3/4'   | Test Peri   | → Kesever  | 36 256                                | 2511   |  |
| betridaterss. Casineprovester 150  | Hour Rat   | te<br><b>&gt;</b>   | 1609   | MCF Wat                               | ter – Bbl.   | ii Gradiy — API (Corr.)  |
| 34. Disposition of Gas (Sold, used f   |  |   | •  |                                       | 'e ny messed   | AOCE   |
|  |  |   |  |                                       | APR18  | 1900   |
| JUL LISE OF ALLGERINGHES   |  |   | 4  | erie y i s                            | \ au co  | W. COM.  |
|  |  | stags of this for   | n is true and comple   | te to the best of i                   | ny knowledge and heiz  | त्र. 3   |
| 35. List of Attachments 36. I hereby certify that the informa  | tion shown on both   | 1 1 2 1 1 1   |  | The second second second              |  | _  |

#### **INSTRUCTIONS**

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

#### INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

### Southeastern New Mexico Northwestern New Mexico T. Ojo Alamo T. Canyon \_\_ T. Penn. "B" \_ T. Salt \_\_\_\_\_\_ T. Strawn \_\_\_\_\_ T. Kirtland-Fruitland \_\_\_\_ T. Penn. "C" \_\_\_\_\_ Salt \_\_\_\_\_\_ T. Atoka \_\_\_\_\_ T. Pictured Cliffs \_\_\_\_\_ T. Penn. "D" \_\_\_\_\_ Yates\_\_\_\_\_\_T. Miss\_\_\_\_\_\_T. Cliff House\_\_\_\_\_\_T, Leadville\_\_\_ 7 Rivers \_\_\_\_\_ T. Devonian \_\_\_\_ T. Menefee \_\_\_\_ \_ T. Madison \_\_\_ T. Silurian \_\_\_\_ T. Point Lookout \_\_\_\_ T. Elbert \_\_ T. Oueen \_\_\_ T. Montoya \_\_\_\_\_ T. Mancos \_\_\_\_ T. McCracken \_\_\_\_ T. San Andres \_\_\_\_\_ T. Simpson \_\_\_\_ T. Gallup \_\_\_\_ T. Ignacio Qtzte \_\_\_\_\_ T. Glorieta \_\_\_\_\_ T. McKee \_\_\_ Base Greenhorn \_\_\_\_\_\_ T. Granite \_\_\_\_ T. Paddock \_\_\_\_\_ T. Ellenburger \_\_\_\_ \_\_\_\_\_ T. Dakota \_\_\_ \_\_\_\_\_ T. Gr. Wash \_\_\_\_ \_\_\_\_\_ T. Morrison \_\_\_\_\_ T. \_\_ \_\_\_\_\_\_ T. Granite \_\_\_\_\_\_ T. Todilto \_\_\_\_\_\_ T. \_\_\_\_ T. Drinkard \_\_\_\_\_\_ T. Delaware Sand \_\_\_\_\_ T. Entrada \_\_\_\_\_ T. T. Abo\_\_\_\_\_\_T. Bone Springs\_\_\_\_\_\_T. Wingate\_\_\_\_\_\_T. \_\_\_\_\_\_ T. \_\_\_\_ T. Wolfcamp \_\_\_\_\_ T. T. Chinle \_\_\_ T. Penn. \_\_\_\_T. Permian\_\_\_ T. Penn. "A" \_\_\_\_\_\_ T. \_\_ Martinez Gas Com "G" #1 FORMATION RECORD (Attach additional sheets if necessary) Thickness From Formation From Formation in Feet in Feet Log Tops 3605 Mesaverda 4560 Mencos Greenhorn 6172 Grenerous Shale 6240 Grenerous Bakota 6300 6370 Main Dakota 6485 Total Depth No DST's were taken. No coting was done. SUPPLEMENTARY WELL HISTORY. Spudded 8-26-65. Brilled to 320. Cemented 13 3/8" 48# M-40 ST&C Casing at 320 and cemented with 400 sacks Type "C" with 2% Cacl. Circulated cement. Brilled to 2355. Cemented 8 5/8" 24# J-55 STAC Casing at 2327 with 250 sacks Type "C" with 6% gel with 2 lbs. tuf plug per sack followed by 200 sacks Type "C" with 2% Cacl. Brilled to TB 6485. Set 5 1/2" 148, 15.58 and 178 Casing at 6484 with stage tool at 4625. Command first stage with 200 sacks Type "C" with 6% gel with 2 lbs. tul plug per sack followed by 100 sacks Type "C" Heat. Commented second stage with 50 sacks Type "C" Heat with 250 sacks 50-50 posmix with 4% gel with 1/2 cu. ft strate crete "C" per sack with 1 lb. tuf plug per sack followed by 25 sacks Type "C" Nest. Resched TD of 6485 on 9-5-65. Drilled out and classed out to FBD 6462. Displaced hole with water centaining .8% ECL with 2 1/2 lbs. J-100 per 1000 gal. Spotted 500 gal 7 1/2% acid. Perforated 6369-6382 and 6388-6398 with 3 shots/ft. Fraced perforations with 36,120 gal water trusted as above, with 40,000 lbs. 20-40 sand. Breakdown pressure 1000. Treating pressure 2000 at 78 Bbls/Min. Set bridge plug at 6350. Perforated 6303-18 with 4 shots/ft. Fraced with 28,800 gal water treated as above with 25,000 lbs. 20-40 sand with 5,000 lbs. 10-20 sand. Breekdown pressure 1050. Treating pressure 2400 at 63 Bbls/Min.

Cleaned out to PRO. Ren tubing to 6312. Swalbed 6 hours and well kicked off. Flow testing 3

## SUPPLEMENTARY WELL EISTORY ON MARTINEZ GAS COM "G" #1

hours on 3/4" choke on 9-15-65 at the rate of 5300 MCF/day. TPF 425, CPF 1300. On 9-20-65 well flowed at the rate of \$200 MCF/D for 3 hours on 3/4" choke. TFF 650, CFF 1350. Tagged packer at 6250. Spotted 80° of 40-60 sand on top of packer with 10 sacks cement containing 10% send and 2% Cacl. on top of send. Perforated point Lookout 4228-54, 4276-92, 4324-40 and 4392-4402 with 1 shot/ft. Freced with 38,766 gal water with .87KCL and 2 1/2 lbs. J-100 per 1000 gal with 60,000 lbs. 10-20 sand. Breakdown pressure 2550. Treating pressure 1500 at 51 Bbls/Min. Set bridge plug at 4150. Perforated 3942-58, 3992-4010, 4048-56, 4066-76 and 4105-12 with 1 shot/ft. Fraced with 25,000 gal water treated as above with 40,000 lbs. 10-20 sand. Breakdown pressure 3350. Treating pressure 2800 at 50 Bbls/Min. Set bridge plus at 3900. Perforated Cliffhouse 3610-40, 3667-76, 3687-3708 and 3744-60 with 1 shot/ft. Fraced with 19,750 gal water treated as above with 30,000 lbs. 10-20 sand. Breakdown pressure 2150. Treating pressure 1300 at 67 Bbls/Min. Ren 2 3/8" tubing with 4 3/4" bit and unloaded casing with gas. Tagged sand at 3865 and lost gas returns. Pulled tubing to 3851 and stuck. Broke circulation with water and worked tubing A hours but was unable to free. Ben free point and could not get below 3502'. Tubing free at 3500' and cut tubing 3490' and pulled tubing. Ran tubing and 6 drill collars and jars and Bowen overshot. Unable to get over fish. Fish in hole was 361' tubing and bit. Pulled tubing. Ran tubing with 60' of 4" OD washover pipe with flat bottom shoe. Unable to wash over fish. Pulled tubing and washover pipe. Ren tubing and washover pipe and sawtooth shoe and unable to wash over fish. Ren impression block with no results. Ran tubing, 2-3/8", and one joint 32' by 1" EUE tubing. Tagged top fish 3490'. Went by top fish. Washed 3' bridge of sand. Unable to feel snything next 27' to 3520'. Circulated 1-1/2 hour. Circulated no sand. Pulled 2-3/8" tubing and 1". Ran tubing and wash pipe with 4-3/4" OD drag tooth shoe. Tagged top fish 3490'. Washed over fish 1.87'. Unable to wash further. Pulled tubing and wash pipe. Ran 2-3/8" and 96' 1" RUE tubing. Tagged top fish 3490' and went by fish to 3533'. Could feel nothing while going by fish. Unable to get below 3533. Reversed circulated 1-1/2 hour. Circulated no sand. Pulled tubing. Ran 2-3/8" tubing and 4-1/2" OD mill. Tagged fish 3490' and milled 1-1/3' in 55 minutes and started circulating. Small amount cuttings and large amount black shale. Circulated one hour. Pulled tubing and mill and mill indicated drilling on 2-3/8" tubing. Ran tubing and 60' washover pipe and 4-3/4" plain shoe and cut lip. Attempted to wash over and unable. Pulled tubing and washoverpipe. Brass cage worn off, indicating fish approximately 6" inside shoe. Ran tubing and washover pipe and 4-1/2" flat bottom shoe and cut rod on inside bottom. Hilled and washed top fish 3401'. 3' in 2-1/4 hour. Circulated small amount steel cuttings. Pulled wash pipe. Shoe indicates junk on outside since bottom 1'8" was badly worm on outside of shoe. Ren 4-3/8" impression block Block stopped at 3490' and slipped down hole 2' with 2000 pound weight. Block pealed off on side 2" wide and 1/4" deep. Bottom of block indicates 2 pieces of meter 2-5/8" apart, starting at edge of peeled area extending toward center 2-3/4" X 2" respectively and one indentation 1/2" in diameter on opposite of block. Ran 4-3/4" OD impression block. Block took weight at 3490' and stopped at 3492'. Again block was peeled off on one side 1-1/4" wide by 1/2" deep. Failed to pick up indentations on bottom, indicating metal, however, bottom of block showed two 1/2" diameter indentations 3" apart. Ran 60" wash pipe with 4-1/2" drag tooth rotary shoe. Hit obstruction at 3490' and rotated by and stopped at 3493'. Washed 4' in 50 minutes to 3497' with no appreciable weight indicated. Circulated large smount shale. Pulled tubing and wash pipe. Shoe indicated very little wear on inside, however, outside of shoe was worn for 2'. Ran tubing and wash pipe and 4-3/4" QD shoe and drag tooth. Tagged fish 3491' and rotated fast to 3493' and rotated and washed to 3496'. Pulled tubing and shoe indicated no wear in 2 hours rotation. Ran tubing and two 4-3/4" OD drill collars with six 3-1/8" drill collars above 2' tapered mill. Took weight at 3488'. Milled 8 minutes and fell thru to 3491' and took weight. Milled to 3492' in 8 minutes. Picked up tubing and hit tight spot 3489'. Worked thru and picked up to 3485'. Ren mill to 3488' and took weight and reamed to 3492', 1/4 hour. Picked up to 3489' and

## SUPPLEMENTARY WELL HISTORY ON MARTINEZ GAS CON "C" #1

hit tight spot and worked thru to 3485'. Hen mill twice to 3492' and free travel and hit tight spot at 3489' each time picking up. Circulated 1/2 hour and circulated small amount shale and steel cutting. Pulled tubing and found mill worn from tip to 2-1/2" OD point, and no wear above until 4-3/4" OD point which was well worn. Ran tubing and 4-3/4" OD impression block and set down at 34881. Pulled tubing and 4-3/4" OD impression block. Block indicated it set down on 5-1/2" casing. Ran tubing and 3" impression block. Tagged at 3492'. Put 6000 pound weight on block and fell free 3' to 3495'. Pulled tubing and impression block. Block had one 1'' slightly contoured mark 1/4'' wide and 1/4'' deep on face. Rem tubing and drill collers and 3-5/8" short catch flat bottom overshot. Unable to get into 5-1/2" casing stub parted at 3488'. Pulled tubing and drill collars and overshot. Overshot indicated it had set down on 5-1/2" casing twice. Ren tubing and drill collars and long catch overshot and cut lip bottom. Tagged obstruction at 3488'. Rotated and went thru and worked overshot to 3492'. Fell free with slight drag to 3495'. When pulling up tubing dragged with 6000 pound weight for 5' and came free. Pulled tubing and drill collars and overshot. No markings on overshot. Ran tubing and drill collers and 4-3/4" mill and tapered to 3" and flat bottom. Hit tight spot at 3404'. Rotated and worked mill to 3488'. losing partial returns. Rotated and worked to 3498'. Locked up at 3498'. Pulled 15,000 pounds and pulled loose and pulled to 3480. Worked back and forth from 3480-3498' several times. Free travel over this interval but each time hit solid at 3498'. Fulled tubing and mill. Mill had very little wear on flat bottom and up to 4-1/2" on taper. From 4-1/2" to 4-3/4" on taper it had considerable wear. Ran tubing and drill collars and 3-1/2" impression block. Tagged at 3488' and worked to 3498' and took impression with 6000 pound weight. Pulled tubing and block. Block had only 2" of one side of outside lip peeled off. Had appearance of having caught on 5-1/2" casing stub and slipped off. No markings on face of block. Ren tubing and six 3-1/8" drill collers and 4-3/4" W7R bit. Hit obstruction at 3488'. Drilled 15 minutes and fell free to 3498'. Drilled on iron 55 minutes at 3498' and fell free to 3501'. Drilled on iron to 3513' at 5-10 minutes per foot. Fell free to 3515'. Drilled on iron 15 minutes. Picked up to 3505' and unable get back down. Drilled 3505-15' at 5-10 minutes per foot. Drilled 45 minutes at 3515' with no progress. Pulled tubing and bit. Found very little wear on bit. Ran tubing and drill collars and 4-3/4" W7R bit. Took weight 3491'. Worked thru in 13 minutes. Fell free to 3502'. Took weight at 3502'. Worked thru in one minute and fell free to 3515' with no rotation. Picked up to 3513' and took 18 minutes rotation to go to 3517'. Rotated 5 minutes and got to 3517' and one hour 40 minutes to 3518' and made 4" in one hour 15 minutes. Pulled bit. Showed no year. Ran tubing and coment retainer set at 3400'. Pressured annulus with 600 pounds and pumped in at 4 BPM with 900 pounds down tubing. Squeezed with 100 sacks Type "C" Mest. Pressure 400-500 pounds. Shut down one hour and pressure stabilized at 400 pounds in one hour. Dropped bridging bar. Pulled out of retainer and reverse circulated tubing. Pulled tubing and laid down. Attempted to bleed off pressure but was unable to bleed off 8-5/8" annulus. Attempted to kill with water but was unable to hold. Hippled up BOP. Mixed mud 8.4-40. Displaced water and gas with mud. Cut off 5-1/2" casing at 2950'. Pulled 92 joints 5-1/2" casing (2950'). Ran drill pipe open ended to 2928'. Spotted cement and send plug composed of 85 sacks cement with 15% 20-40 sand. Tagged top of plus at 2809. Waited on cement 36 hours. Ran 7-7/8" bit and dressed cement plus 2806-21. Solid cement plug. Ran 7-7/8" bit with Eastman Turbo drill with 20 angle sub and one 6-5/8" drill celler. Had three 5-3/4" Drill Collers above Eastman Tool. Attempted kick off at 2821, but was unsuccessful. Spotted 125 sacks cement with 15% 20-40 sand. Plus at 2892 . Pulled out to 2692 and reversed out 15 Mbls coment. Pulled drill pipe and vaited on cement 36 hours. Tagged cement at 2695. Attempted to dress out plug. Drilled 17' and was still woft. Drilled to 2725. Dressed plug to 2775. Drilled to 2837. Circulated hole and laid down Turbo-drill. Spotted 125 sacks "A" Coment with 2% Cacl and 15% 20-40 sand at 2837'. Pulled drill pipe to 2617' and attempted to reverse out excess. Lost circulation.

Circulated cement out conventional. Pulled drill pipe. Waited on cement 24 hours and tagged cement at 2622. Pressed to 2639'. Circulated and conditioned hole 2 hours. Ran whipstock. Drilled whipstocked hole 2639-2644 and circulated shale and cement. Pulled whipstock. Ran 7-7/8" hole opener. Ran 7-7/8" bit and reamed to 2647. Pulled 7-7/8" bit and picked up, whipstock tools. Ran 5-5/8" DC Hughes bit. Drilled 17' to 2664" recovering sand, shale and cement samples. 90% cement samples indicated no results from whipstock. Circulated hole and pulled whipstock tools. Ran hole opener and reamer. Resmed out to 2664'. Circulated hole and pulled resmer and bit. Ran drill pipe with drill and 7-7/8" bit. Drilled hand cement to 2702'. Circulated hole and pulled drill pipe and bit. Ran whipstock with 6-5/8" bit. Ran bit to 2639'. Unable to go deeper. Ran bottom hole reamer to 2707'. Ren 7-1/2" whipstock to 2707' and drilled off whipstock at 2702' to 2707'. Circulated hole and caught samples of shale and some cament. Pulled whipstock. Ran 7-7/8" hole opener to 2707'. Ran bit and flattened bottom of hole. Set 6-1/2" whipstock and drilled 2707-12. Pulled whipstock. Resmed to 2712 with 7-7/8" bit. Set whipstock and drilled 2712-22 with 5-5/8" bit. Pulled whipstock. Unable to get in rat hole at 2712'. Ram 7-7/8" hole opener 2712-22. Ram 7-7/8" bit, bottom hole reamer and Eastman Monel collar. Drilled to 2900'. Mippled up to drill with gas at 2900'. Blew hole at 2900' with 225 psi for 2 hours. Still damp. Would drill 5 ft. and blow but did not dust until 2980'. Drilled with gas to 6500'. Set 5-1/2" 14, 15.5 and 17 lb. casing at 6499' with DV Tools at 4499' and 3548'. Cemented first stage with 250 sacks Type "C" with 6% gel and 1-1/2 lb. tuf plug per sack, followed by 100 sacks Type "C" Nest. Cemented second stage with 25 sacks Type "C" Neat, 100 sacks Type "C" with 50-50 pozmix, 4% gel, 1/2 cu. ft. strate crete "#" per sack, 1 lb. tuf plug per sack, followed by 25 sacks Type "C" Nest. Cemented third stage with 25 sacks Type "C" Heat, 150 sacks 50-50 pozmix, 4% gel, 1/2 lb. strata crete "6" with 1 lb. tuf plug per sack, followed by 25 sacks Type "C" Heat. Drilled out to PBD 6485'. Circulated casing clean and displaced with water containing .8% KCL. Perforated 6369-82, 6388-98 with 4 shots/ft. Fraced with 37,620 gal water containing .8% KCL and 2-1/2 lbs. FR-8 per 1000 gal, with 40,000 lbs. 20-40 sand. Breakdown pressure 2400. Treating pressure 2150 at 78 Bbls/Min. Set bridge plug at 6350. Perforated 6303-18 with 4/shots per foot. Fraced with 32,630 gal water treated as above with 25,000 lbs. 20-40 sand and 5,000 lbs. 10-20 sand. Breakdown pressure 900. Treating pressure 2600 at 72 Bbls/Min. Drilled out bridge plug. Cleaned out to PBD 6485. Set packer at 6260. Spotted 20-40 sand on top packer to 6125. Spotted 10 sacks Class "A" Cement with 10% sand and 2% Cacl. on top of sand 6035-6125. Perforated 4228-54, 4276-92 and 4324-40 with 2 shots/ft. Fraced with 30,280 gal water treated as above with 40,000 lbs. 20-40 sand. Breakdown pressure 2000. Treating pressure 1000 at 90 Bbls/Min. Set bridge plug at 4155. Perforated 3942-55. 3992-4014 and 4066-79 with 2 shots/ft. Fraced with 22,550 gal water treated as above with 30,000 lbs. 10-20 sand. Breakdown pressure 2500. Treating pressure 2200 at 70 Bbls/Min. Set bridge plug at 3910. Perforated 3610-40, 3687-3711 and 3744-56 with 2 shots/ft. Fraced with 25,430 gal water treated as above, with 30,000 lbs. 10-20 sand. Breakdown pressure 1400. Treating pressure 2000 at 70 Bbls/Min. Drilled bridge plugs and cleaned out to top of packer at 6260. Circulated hole clean and pulled 2-3/8" tubing. Ran 2" buttress tubing to hydrotest in hole with expendable check valve and Baker production tube on bottom. Tagged sand at 6232 but was unable to unload well with gas. Pulled tubing to lower perfs 4348' and unloaded water 4348' to 6210'. Tagged sand 6210' and cleaned to packer at 6260'. Loaded 2" tubing 5-1/2" annulus 4348-6260 with mud. Attempted but unable to push expendable plug out of Model "D" packer. Pulled 2" tubing and left chisel point and dart from expendable check valve in hole. Ran 2-3/8" tubing with 4-3/4" bit. Blew well with supply gas to clean out mud. Cleaned out sand with supply gas 5480-6250. Ran 2-3/8" tubing with Baker 2-3/8" OD Mill. Unable to push out expendable plug from packer. Milled 26" iron and expendable plug. Went thru packer and opened flapper valve. Dakota came in. Fulled out of packer. Flapper did not hold. Pulled Packer. Ran 5-1/2" Model "D" packer with flapper valve on wire line. Set packer at 6252'. Ran 2" buttress tubing for Dakota production with rubber blast joint over Mesaverde perforations, with Baker Latch in seal assembly

# SUPPLEMENTARY WELL HISTORY ON MARTINEZ GAS COM "G" #1

with 16 ft. tail pipe on bottom and Baker expendable check valve on bottom of tail pipe. Loaded 2" - 5-1/2" annulus with 9.0 lb. mid. Stung into packer at 6260'. Sealed off in seal assembly. Seated Dakota Do-nut with tail pipe at 6270'. Pumped 37 Bbls Mud with 9 lbs. Vis 50 with 5 gal 602 Corrosion Inhibitor and 5 gal Halco 19 per 50 Bbls Mud down 1-1/2" tubing to load 2" - 5-1/2" annulus below Mesaverde Porfs. Relanded 1-1/2" tubing at 4324' and unloaded approximately 1 Bbl Mud and supply gas. Relanded Mesaverde 1.9" tubing at 4200'. Hippled up well head. Mesaverde zone kicked off blowing. Dropped ball and pumped out expendable check valve in Dakota tubing. Dakota zone kicked off blowing.