N.M. Oil Cons. Division
1625 N. French Dr.
Hobbs, NM 88240

Form 3160-5
(June 1990)

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
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator
Doyle Hartman

3. Address and Telephone No.
500 N. Main St., Midland, Texas 79702 (915) 684-4011

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
660' FNL & 660' FWL
Sec. 7, T-24-S, R-37-E
(D-7-24S-37E)

5. Lease Designation and Serial No.
NM-7488

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.
Myers "B" Federal R/A-A No.1

9. API Well No.
30-025-11037

10. Field and Pool, or Exploratory Area
Jalmat

11. County or Parish, State
Lea County, New Mexico

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
☐ Notice of Intent	☐ Abandonment	☐ Change of Plans
☒ Subsequent Report	☐ Recompletion	☐ New Construction
☐ Final Abandonment Notice	☒ Plugging Back	☐ Non-Routine Fracturing
	☒ Casing Repair	☐ Water Shut-Off
	☒ Altering Casing	☐ Conversion to Injection
	☒ Other Added perfs.Return to prod.	☐ 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 pertinet 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 markders and zones pertinent to this work.)*

For details of completed operations, please refer to pages 2 of 5, 3 of 5, 4 of 5 and 5 of 5, attached hereto.

ACCEPTED FOR RECORD
(ORIG. SGD.) DAVID R. GLASS
JUL 31 2000

14. I hereby certify that the foregoing is true and correct

Signed Tricia Barnes Title Tricia Barnes, Production Analyst Date 07/27/00

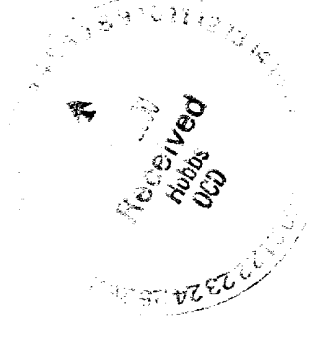
(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Approval Subject To Putting Well On Production And Keeping Well On Continuous Production.

willfully to make to any department or agency of the United States any false, fictitious or fraudulent

Instruction on Reverse Side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DETAILS OF COMPLETED OPERATIONS

On 7-6-00, moved in and rigged up well service unit, to pull stuck tubing.

Rigged up Rotary Wireline. Ran free-point tool. Found tubing stuck at 3150' RDF, but free at 3131' RDF. Cut 2 7/8" O.D., 6.5 lb/ft, 10 V, EUE tubing, at 3107' RDF. Tubing had not been pulled since being run into well on 8-28-37.

Pulled and laid down 106 joints plus 16.04' of 107th joint (3100.91'), of original 116-joint tubing string.

Picked up and ran new 2 3/8" O.D., 4.7 lb/ft, J-55, 8 Rd, EUE tubing and 192.87' bottom-hole fishing assembly consisting of (6) 3 1/2" O.D. drill collars, hydraulic jars, bumper sub, and overshot with grapple. Latched onto fish. Jarred on fish for 2 hours, before fish came free. Pulled and laid down remaining 284' of original 2 7/8" O.D., 10V tubing string. Total length of recovered tubing was 3384.94' (3100.91' + 284.03' = 3384.94').

Ran 183.91' bottom-hole cleanout assembly consisting of 4 3/4" bit and (6) 3 1/2" O.D. drill collars. Hooked up air unit. Cleaned out open hole, to a solid bottom of 3398' RDF. Hit first fluid at 3343' (black water with high solids content).

Closed casing valve. Pressured wellbore to 212 psi. Shut off air. Could hear shallow casing leak. Pulled and laid down bottom hole cleanout assembly.

Ran 5 1/2" Model "C" RBP and 5 1/2" Model "C" packer. Set RBP at 3130'. Pressure tested casing, from 2873' to 3130', to 2000 psi. Pressure held okay. Pressure tested casing, from 175' to 3130', to 1000 psi. Pressure held okay. Narrowed location of casing hole to interval between 78' and 110'.

Pulled and laid down 2 3/8" O.D. tubing, 5 1/2" Model "C" packer, and 5 1/2" Model "C" RBP.. Temporarily moved off rig.

Moved in backhoe. Dug 13.5'- deep hole around casing. Rigged up welder. Cut and removed corroded 8 5/8" O.D. casing and 5 1/2" O.D. casing. Installed 5 1/2" O.D. x 12' tieback nipple and 8 5/8" O.D. x 9' tieback nipple. Wrapped exposed 8 5/8" O.D. casing, with corrosion resistant tape.

Installed 54" O.D. x 13' corrugated steel cellar can around exposed casing and piping. Backfilled around cellar can.

Moved well service unit back onto well. Rigged up Rotary Wireline. Ran free-point tool. Found 5 1/2" O.D. casing free at 1350', but stuck at 1375'.

Ran string shot. Backed off 5 1/2" O.D. casing, at 1068' RKB. In preparation for pulling 5 1/2" O.D. casing, set slips on top of 8 5/8" O.D. casing. Surface casing began to slide down hole, from weight of 5 1/2" O.D. casing. Removed weight of 5 1/2" O.D. casing.

Installed 12" x 12" wood sills, to span cellar can and support 8 5/8" O.D. casing and 5 1/2" O.D. casing. Pulled and laid down 35 jts of 5 1/2" O.D., 17 lb/ft, 10V casing. Found dime-size hole in 4th casing joint from surface.

Ran bumper sub and 7 7/8" bit. Hit tight spot at 150'. Worked tubing up and down and rotated tubing through tight spot. Ran 7 7/8" bit to top of 5 1/2" O.D. casing stub, at 1077'. Pulled 7 7/8" bit.

Ran 141.16' wash-pipe assembly consisting of 7 1/2" O.D. mill-tooth shoe, 4 jts of 7 1/2" O.D. wash pipe, and 2 3/8" x 4 9/16" bumper sub. Ran wash pipe over 5 1/2" O.D. casing stub, to a depth of 1208'. Pulled wash-pipe assembly.

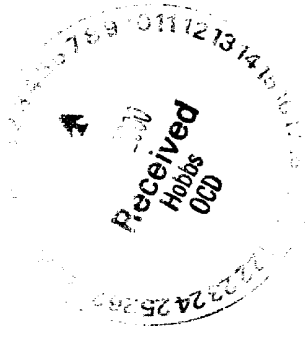
Ran 207.23' wash-pipe assembly consisting of 7 5/8" O.D. mill shoe with internal cut rite facing, 6 jts of 7 1/2" O.D. wash pipe, and 2 3/8" x 4 9/16" bumper sub. Ran wash pipe over 5 1/2" O.D. casing stub, to a depth of 1286'. Pulled and laid down wash-pipe assembly.

Rigged up casing crew. Ran 31-joint (1324.77') 7" O.D. tieback liner consisting of 8 jts of 7" O.D., 20 lb/ft, J-55, ST&C casing and 23 jts of 7" O.D., 23 lb/ft, J-55, ST&C casing. Landed tieback liner at 1331' RKB. Tieback liner overlaps 5 1/2" O.D. casing from 1077' to 1331' (254' of overlap).

Rigged up welder. Sealed open-ended 8 5/8" x 7" casing annulus, and tied together 8 5/8" O.D. and 7" O.D. casing, using 1/2" steel plate. Installed 2" threaded collar on side of 8 5/8" O.D.casing. Supported weight of 8 5/8" O.D. and 7" O.D. casing, with 12" x 12" wood sills.

Rigged up Halliburton. Cemented down 7" O.D. tieback liner with 840 sx of fast-setting API Class-C cement containing 3% $CaCl_2$. Achieved cement returns back to surface, on both inside and outside of 8 5/8" O.D. casing.

After achieving cement returns between 8 5/8" O.D. casing and 7" O.D. casing, closed 8 5/8" x 7" annulus valve.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Displaced cement with 39 bbls of water. Filled remainder of 54" O.D. x 13' cellar can, from the top, with an additional 72 sx of API Class-C cement containing 3% $CaCl_2$.

Maximum cementing rate was 9.1 BPM, at 611 psi. Final displacement rate was 2.8 BPM, at 1077 psi. ISIP = 970 psi. 5-min SIP = 902 psi.

WOC 11 hrs. Rigged up welder. Cut off 7" O.D. casing. Installed 7" slip x 8 Rd collar. Installed B&M Oil Tool 7" x 2 3/8" x 3" Type MR tubing head. Installed BOP. Drilled out cement. Circulated hole clean.

Rigged up Schlumberger. Ran cased-hole logs.

Pressure tested casing to 1000 psi. Pressure held okay.

Hooked up air unit. Unloaded water from casing. Pulled 5 1/2" RBP.

Set reconditioned Lufkin C-114D-143-64 pumping unit. Ran 2 3/8" O.D. production tubing, 3/4" rods, and 2" x 1 1/4" x 12' pump. Production tested open-hole over night. Pump sanded up.

Pulled tubing and rods. Rigged up Capitan Corporation. Set 5 1/2" EZ-Drill SV retainer, at 3144'. Rigged up Halliburton. Loaded and pressured casing to 300 psi. Casing would not hold pressure, due to retainer-seal leak. Ran flush (non-upset) stinger tool. Placed retainer valve in open position.

Rigged up Capitan Corporation. Set a second 5 1/2" EZ-Drill SV retainer, at 3110'. Squeezed open-hole interval, from 3150' to 3398', with 689 cu.ft. of cement slurry consisting of 95 sx of HLC containing 3% $CaCl_2$, 300 sx of API Class-C neat cement, and 100 sx of API Class-C cement containing 3% $CaCl_2$. Final displacement rate was 1.7 BPM, at 1820 psi. ISIP = 1108 psi. 5- min SIP = 520 psi. Pulled and laid down stinger tool.

Drilled out cementing retainers at 3110' and 3144'. Drilled hard cement to 3250'. New PBTD at 3250'.

Unloaded fluid from hole. Pulled and laid down bottom-hole drilling assembly.

Rigged up Capitan Corporation. Perforated Jalmat, from 2838' to 2997', with (24) 0.44" x 23" shots.

Ran 5 1/2" Model "C" RBP and 5 1/2" Model "C" packer. Set RBP at 3040'. Spotted 15% MCA acid across and above perfs. Set packer at 2773'. Acidized perfs, from 2838' to 2997', with 4700 gal

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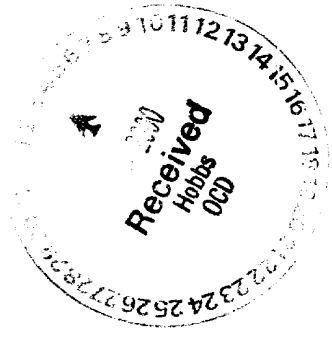
of 15% MCA acid, at 5.5 BPM, and an average treating pressure of 1761 psi. TP mx = 3400 psi, at ballout. TP mn = 1260 psi. ISIP = 75 psi. 30-sec SIP = 0 psi.

Landed 2 3/8" O.D. production tubing at 3147'. Ran 2" x 1 1/4" x 12' RHAC insert pump and 3/4" API Class-KD rod string. Returned well to production, at 10.5 x 54 x 1 1/4, at 9:15 P.M., CDT, 7-20-00. Last production (prior to well work) was 10-96.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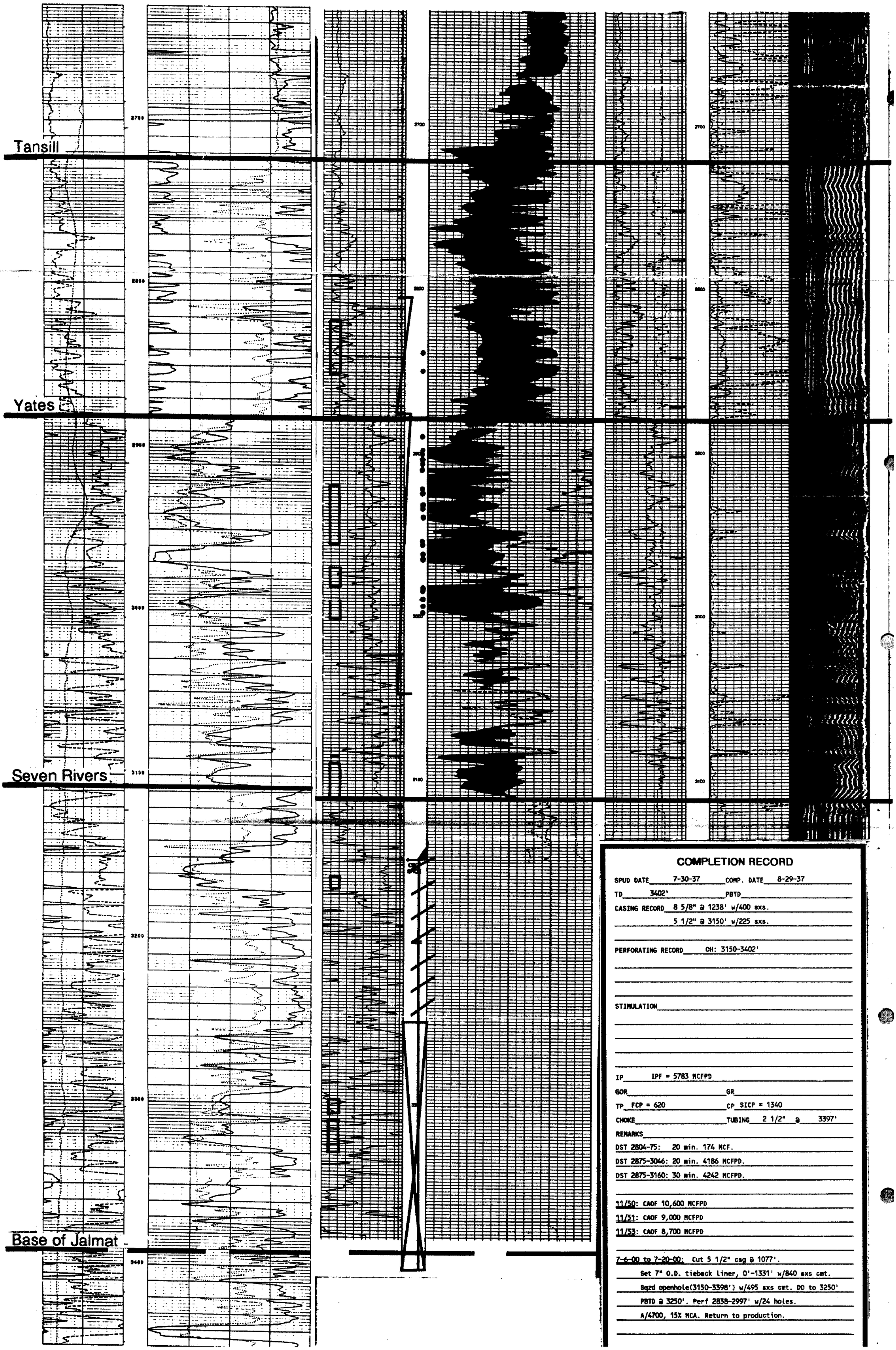
MYERS "B" FEDERAL R/A-A NO. 1
D-7-24S-37E

MLMU No. 205
Compensated Neutron
Formation Density
(12-21-81)

Digital Sonic
Compensated Neutron Log
Gamma Ray/CCL
(7-15-00)

Cement Bond Log
Gamma Ray/CCL
(7-15-00)



COMPLETION RECORD

SPUD DATE 7-30-37 COMP. DATE 8-29-37

TD 3402' PBTD

CASING RECORD 8 5/8" @ 1238' w/400 sxs.
5 1/2" @ 3150' w/225 sxs.

PERFORATING RECORD OH: 3150-3402'

STIMULATION

IP IPF = 5783 MCFPD

GOR GR

TP FCP = 620 CP SICP = 1340

CHOKE TUBING 2 1/2" @ 3397'

REMARKS

DST 2804-75: 20 min. 174 MCF.

DST 2875-3046: 20 min. 4186 MCFPD.

DST 2875-3160: 30 min. 4242 MCFPD.

11/50: CAOF 10,600 MCFPD

11/51: CAOF 9,000 MCFPD

11/53: CAOF 8,700 MCFPD

7-6-00 to 7-20-00: Cut 5 1/2" csg @ 1077'.
Set 7" O.D. tieback liner, 0'-1331' w/840 sxs cmt.
Sqzd openhole(3150-3398') w/495 sxs cmt. DO to 3250'
PBTD @ 3250'. Perf 2838-2997' w/24 holes.
A/4700, 15% HCA. Return to production.