

Eunice Com # 2
Eumont Field
T21S, R37E, Section 19
Job: Plug And Abandon

Procedure:

Note: There is no remaining potential in the Eumont Gas (Yates - 7 Rivers - Queen) Pool. Therefore it is proposed to plug and abandon that zone and remove the wellbore from the Eunice Gas Com Unit. The wellbore will not be completely plugged at this time since it is being considered for recompletion deeper in the Blinbry. That completion would not be part of the unitized Eumont Gas interval and the well name would be Graham State I # 2 (100% Chevron).

1. MI & RU pulling unit. Bleed pressure from well, if any. Pump down tbg with 8.7 PPG cut brine water, if necessary to kill well. Remove WH. Install BOP's and test to 1000 psi.
2. Release 9 5/8" Guiberson Uni-VI pkr at 3294'. POH with 2 3/8" tbg string, on-off tool, and pkr. LD tbg string, on-off tool, and pkr while POH.
3. PU 8 3/4" MT bit and GIH on 2 7/8" work string to PBTD at 3599'. POH with 2 7/8" work string and bit. LD bit.
4. PU and GIH with 9 5/8" pkr on 2 7/8" work string to 3200'. Set pkr at 3200'. Pressure test csg and pkr to 500 psi. Establish pump-in rate into perfs 3374-3582' using cut brine water. Hold 500 psi on tbg/csg annulus during sqz job.
5. RU BJ Services cementing equipment. Cement squeeze perfs 3374-3582' using Class C cement mixed to 14.8 PPG w/ 1.32 CFY. Attempt to achieve at least 1500 psi squeeze pressure. Release pkr. Reverse out excess cement. PUH to approximately 3000'. Reset pkr at 3000' and pressure tbg and csg to 500 psi. RD and release BJ Services cementing equipment. Shut well in and WOC overnight.
6. Open well. Bleed off pressure. POH with 2 7/8" work string and sqz packer. LD pkr.
7. PU and GIH with 8 3/4" MT bit on 2 7/8" work string to top of cement in csg at 3200'. Drill out cement to 3599'. Reverse circulate well clean from 3599' using 8.7 PPG cut brine. Pressure test casing and sqzd perfs to 500 psi. If perfs leak, repeat cmt sqz procedure.

8. Establish reverse circulation and displace cut brine from wellbore from 3599' using corrosion inhibited fresh water. POH with 2 7/8" work string and bit. LD work string and bit.
9. GIH with security pipe. Remove BOP's and install WH. RD & release pulling unit.

AMH
9/20/2001

Well: Eunice Com # 2
(formerly Graham State 1 # 2)

Field: Eumont

Reservoir: Yates/7 Rivers/Queen

Location:
1980' FSL & 560' FWL
Section: 19
Township: 21S
Range: 37E
County: Lea State: NM

Elevations:
GL: 3515'
KB: 3528'
DF: 3525'

Tbg Detail:
EOT @ 3300'
9 5/8" Guib Uni-VI pkr @ 3294'
On-Off Tool w/ 1.875" "F" profile
106 jts. 2 3/8" EUE 8R J-55 tbg

CICR @ 3599'

TOL @ 3601'

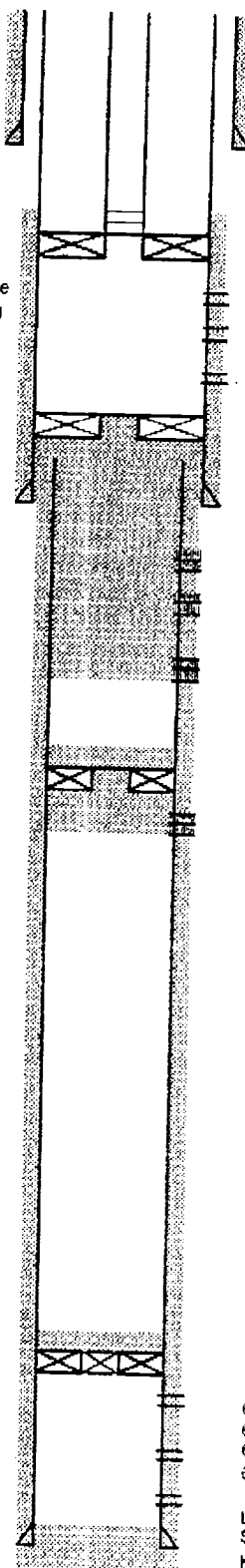
CICR @ 5100'
(24' cmt on top)

Baker Mod D Pkr @ 6500'
(w/ BP'd seal assembly)
(35' cmt on top)

COTD: 3599'
PSTD: 3599'
TD: 6700'

Updated: 9/20/2001

Current Wellbore Diagram



By: A. M. Howell

Well ID Info:

Chevron: FB3576
API No: 30-025-20088
L5/L6: U314700
Spud Date: 11/18/62
Compl. Date: 1/11/63

Surf. Csg: 13 3/8", 48#, H-40
Set: @ 355' w/ 350 sks
Hole Size: 17 1/2"
Circ: Yes TOC: Surface
TOC By: Circulated

Perfs:

Perfs:	Status:		
3374'	3493'	3522'	Eumont - Open
3377'	3497'	3543'	Eumont - Open
3394'	3502'	3547'	Eumont - Open
3397'	3510'	3577'	Eumont - Open
3481'	3514'	3582'	Eumont - Open

Interm. Csg: 9 5/8", 36#, J-55
Set: @ 3700' w/ 400 sks
Hole Size: 12 1/4"
Circ: No TOC: 2450'
TOC By: Temperature Survey

Perfs:

Perfs:	Status:
3722-24'	Penrose Skelly - Cmt Sqzd
3744-46'	Penrose Skelly - Cmt Sqzd
3793-95'	Penrose Skelly - Cmt Sqzd

5176-86' Paddock - Cmt Sqzd

Perfs:

Perfs:	Status:
6575'	Drinkard - Below Plug
6614'	Drinkard - Below Plug
6631'	Drinkard - Below Plug
6667'	Drinkard - Below Plug

Liner: 7" OD 23# J-55
Set: @ 6673' w/ top @ 3601'
Hole Size: 8 3/4"
Circ: Yes TOC: 3601' (Top of liner)
TOC By: Circulated

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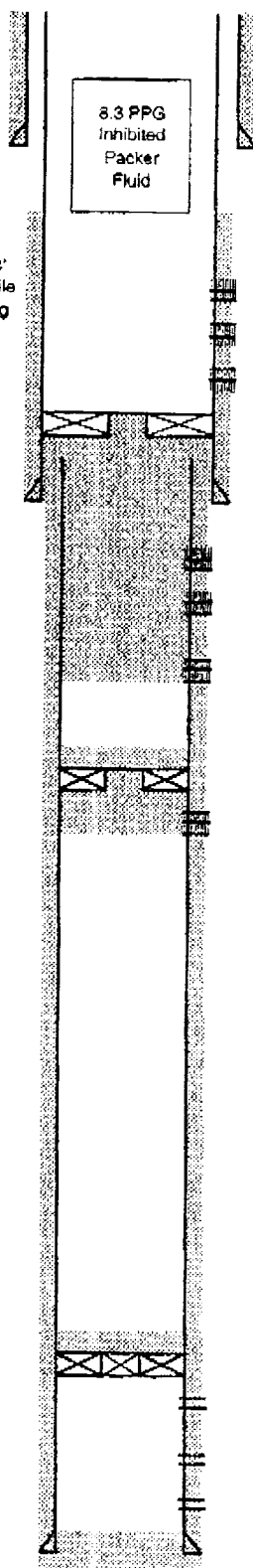
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Proposed Wellbore Diagram



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Compl. Date: 1/11/63

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