



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

TONY ANAYA
GOVERNOR

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87501
(505) 827-5800

November 10, 1983

Jake L. Hamon
611 Petroleum Building
Midland, Texas 79701

Attention: Cecil H. Barton
Production Engineer

Administrative Order TX-113

Gentlemen:

Reference is made to your request for an exception to the tubing setting requirements as contained in Division Rule 107(d) (3) for the below-named well.

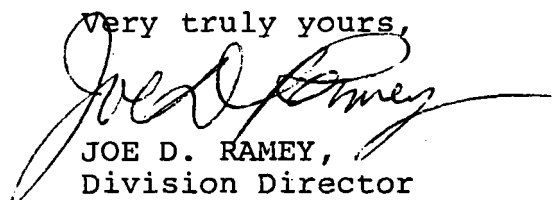
Pursuant to the authority granted me by Rule 107(d) (4), you are hereby authorized to set tubing at 10,870 feet in the following well:

Well Name and Number: Schalk Federal "33" Com Well No. 1

Location: 660 FSL and 1980 FEL, Sec. 33, T-22S, R-28-E,
NMPM, Eddy County, New Mexico

The Division reserves the right to rescind this authority in the event that waste appears to be resulting therefrom.

Very truly yours,


JOE D. RAMEY,
Division Director

JDR/MES/dr

cc: Oil Conservation Division - Artesia
Bureau of Land Management - Roswell
Well File

PV2V2005030802

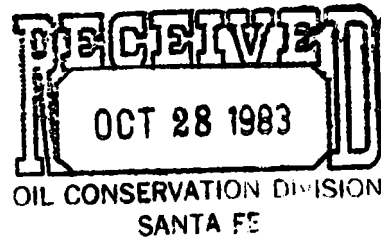
982-4285

JAKE L. HAMON

OIL PRODUCER
611 PETROLEUM BUILDING
MIDLAND, TEXAS 79701

PHONE
(915) 682-5218

October 24, 1983



Energy and Minerals Department
Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87501

Attention: Mr. Michael E. Stogner

Re: Schalk Federal 33 Com No. 1
0-33-22-28
Dublin Ranch-Atoka Pool

Dear Mr. Stogner:

Jake L. Hamon has received notice from Mr. Leslie Clements, Supervisor District II, that the referenced well did not conform to State Rule 107 in that the bottom of the tubing is in excess of 250' above the top of the pay.

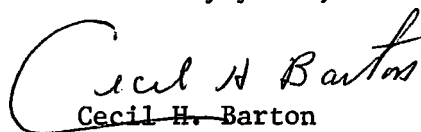
A 4-1/2" OD X 3.701" ID liner was set from 10,960' to T.D. of 12,770'. The perforations in the Atoka is from 11,482' to 11,536' and the top of the Atoka is at 11,430'. The bottom of the 2-7/8" OD tubing is at 10,870' or 560' above the top of the Atoka.

It was desirable to install 2-7/8" tubing in this well to have sufficient tubing ID so larger injection rates could be obtained should the well need a large stimulation treatment. Also larger through tubing perforating guns were needed to obtain deeper penetration. Since the well makes very little liquids the 2-7/8" tubing has adequate flow characteristics to produce the well to depletion.

Since the 2-7/8" tubing would not go into the 4-1/2" liner, a permanent packer was set above the top of the liner in the 7" casing and 2-7/8" was installed in the well.

Jake L. Hamon respectfully requests an exception to Rule 107 for this gas well completion.

Sincerely yours,


Cecil H. Barton
Production Engineer

CHB:sm

cc: Oil Conservation Division
P. O. Drawer DD
Artesia, New Mexico 88210
Attention: Mr. Leslie Clements
District Supervisor

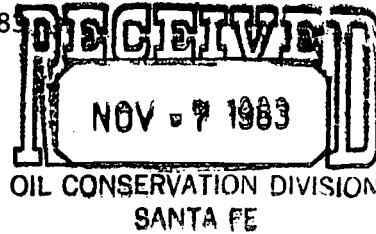
James Massey

JAKE L. HAMON

OIL PRODUCER
611 PETROLEUM BUILDING
MIDLAND, TEXAS 79701

PHONE
(915) 682-5218

November 3, 1983



Energy and Minerals Department
Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87501

Attention: Mr. Michael E. Stogner

Re: Schalk Federal 33 COM No. 1
0-33-22-28
Dublin Ranch-Atoka Pool

Dear Mr. Stogner:

To support Jake L. Hamon's request for exception to Rule 107, enclosed please find a copy of the daily drilling report which describes the running, cementing, drilling out cement, running cement bond logs and testing the top of the liner.

Also enclosed is a copy of Schlumberger CBL which covers the 4-1/2" liner.

If additional information is needed, please advise.

Sincerely yours,

JAKE L. HAMON

By:

Cecil H. Barton
Cecil H. Barton

CHB:bmc

encl:

cc: Mr. James Massey

DMC: \$90 TMC: \$132,477 DWC: \$7,795 TWC: \$1,056,881.

Schalk Federal 33 COM No. 1
Eddy County, New Mexico
(81.25%)
13,000', Atoka/Morrow

7/26/83 TD 12,770'. Attempt to
log, made 12' in sh. Bit #24,
6-1/8", F3, STC, #CN7084, Jets
12-12-12, in @ 12,659', out @
12,770', made 111' in 46 hrs.

Bit Wt 25,000#, 44 RPM. BHA: Bit, bit sub, IB stab, 1 - 4-3/4" X
2-1/4" DC, IB stab, 28 - 4-3/4" X 2-1/4" DCs & X-over sub, 941.13'.
MW in 12.3, MW out 12.3, Vis 42, PV 14, YP 17, Gels 4/6, WL 4.8,
PH 10.0, Cl 152,000, FC 2/32, % Sd Tr, % Sol 21. Pump #1 PZ9
Gardner Denver, 5-1/2" X 9" liner, 88 SPM, 2200# press, 219 GPM.
Drlg 6 hrs. 1-1/2 hrs circ. 3 hrs short trip. 2-1/2 hrs circ
bottoms up, had 16 units gas. 4 hrs TOH to log. 7 hrs attempting
to log. DMC: \$479 TMC: \$132,956 DWC: \$8,338 TWC: \$1,065,217.

Schalk Federal 33 COM No. 1
Eddy County, New Mexico
(81.25%)
13,000', Atoka/Morrow

7/27/83 TD 12,770'. Short trip,
made 0'. Dev 3/4" @ 12,770'. Bit
#24, 6-1/8", F3, STC, #CN7084,
Jets 12-12-12, in @ 12,659', out @
12,770', made 111' in 46 hrs. Dull

Grade T2, B 2, G in. BHA: Bit, bit sub, IB stab, 1 - 4-3/4" X
2-1/4" DC, IB stab, 28 - 4-3/4" X 2-1/4" DCs & X-over sub, 941.13'.
MW in 12.3, MW out 12.3, Vis 42, PV 14, YP 17, Gels 4/6, WL 4.8,
PH 10, Cl 152,000, FC 2/32, % Sd Tr, % Sol 21. Pump #1 PZ9 Gardner
Denver, 5-1/2" X 9" liner, 86 SPM, 2200# press, 214 GPM. 2-1/2 hrs
WO logging truck. 13-1/2 hrs logging. Ran DLL Sonic w/GR & CNL
FDC. TD 12,771' by log. 3-1/2 hrs TIH w/bit. 1/2 hr wash to
bottom. 2-1/2 hrs circ. Had 2' flare for 15 mins. 1-1/2 hrs short
trip & circ. DMC: \$0 TMC: \$132,956 DWC: \$36,232 TWC:
\$1,101,449.

Schalk Federal 33 COM No. 1
Eddy County, New Mexico
(81.25%)
13,000', Atoka/Morrow

7/28/83 TD 12,770'. TIH w/4-1/2"
liner. ~~BHA: Bit, bit sub, IB stab,~~
~~1 - 4-3/4" X 2-1/4" DC, IB stab,~~
~~28 - 4-3/4" X 2-1/4" DCs & X-over~~
~~sub, 941.13'.~~ MW in 12.3, MW out

12.3, Vis 42, PV 14, YP 17, Gels 4/6, WL 4.8, PH 10.5, Cl 152,000,
FC 2/32, % Sd Tr, % Sol 21. Pump #1 PZ 9 Gardner Denver, 5-1/2" X
9" liner, 86 SPM, 2200# press, 214 GPM. 3 hrs circ: 6 hrs
short trip, PU power swivel & check hole torque. 4 hrs TOH. 2 hrs
RU csg tools. 3-1/2 hrs ran 56 jts of 4-1/2", 13.5# & 14.98#,
FL4S & FJ, L-80, C-75 & S-135 liner csg (1810'). 5-1/2 hrs PU
liner hanger & TIH w/DP. DMC: \$0 TMC: \$132,956 DWC: \$10,258
TWC: \$1,111,707.

Schalk Federal 33 COM No. 1
Eddy County, New Mexico
(81.25%)
13,000', Atoka/Morrow

7/29/83 TD 12,770'. Washing down
to top of liner, made 0'. Bit #25,
6-1/8", Cement mill. BHA: 6-1/8"
mill, 9 - 4-3/4" DCs. MW 12.3,
Vis 42. Pump #1 PZ 9 Gardner Denver,

5-1/2" X 9" liner, 88 SPM, 1650# press. 2-1/2 hrs FIH w/DP & liner.
PU power swivel. 1-1/4 hrs hanging liner, rotate & circ top of
liner at 10,950.70'. 3/4 hr cmtg w/25 sx of Class H cmt + 16% gel,
2-1/2# of salt/sx, 0.5% HR-7, followed by 225 sx of Class H cmt +
2% KCl, 0.3% CFR-2, 0.6% HALAD 22A mixed at 15.6#/gal. PD at 11:34
A.M. 7/28/83. 3-1/2 hrs TOH w/DP & setting tool. 3 hrs WO 6-1/8"
mill. 3-1/2 hrs TIH w/mill to 9700'. 9-1/2 hrs washing from 9700'
to 10,760'. DMC: \$2,456 TMC: \$135,412 DWC: \$80,034
TWC: \$1,191,741.

Schalk Federal 33 COM No. 1
Eddy County, New Mexico
(81.25%)
13,000', Atoka/Morrow

7/30/83 TD 12,770'. TIH w/3-5/8" mill. 1/2 hr washed & drilled soft cmt stringers @ 10,760'-10,800'. 3 hrs circ & WOL. 1/4 hr drilled soft to med cmt @ 10,800'-10,821'. 1 hr circ. 1/4 hr drill soft to med cmt @ 18,821'-10,841'. 1 hr circ. 9 hrs drill hard cmt from 10,841' to T/line @ 10,959'. 2 hrs circ. 2-1/2 hrs TOH w/mill. 4-1/2 hrs RU PU machine, PU 9 - 3-1/8" DCs & 49 jts 2-7/8" PAC D.P., RD PU machine. DMC: \$0 TMC: \$135,412 DWC: \$7,980 TWC: \$1,199,721.

7/31/83 TD 12,770'. Running CBL. 3 hrs TIH to T/liner. 2-1/2 hrs drilled 10' cmt @ 10,959'-10,969' & wash down to 11,000. 2 hrs TIH & tagged cmt in liner @ 12,468'. 7-1/2 hrs drill cmt stringers @ 12,468'-12,508', firm cmt @ 12,508' to T/landing collar @ 12,688'. 2-1/2 hrs circ. 5 hrs TOH. 1-1/2 hrs RU Schlumberger & running CBL. DMC: \$0 TMC: \$135,412 DWC: \$12,150 TWC: \$1,211,871.

8/1/83 TD 12,770'. TIH w/2-7/8" DP. 3 hrs Schlumberger ran CBL w/CR 12,674'-8,700'. Good bonding around 4-1/2" liner. Bond behind 7" csg same as previous CBL. 3 hrs TIH w/RTTS pkr to 10,832'. 1/2 hr circ & set RTTS. 1/2 hr press test T/4-1/2" liner to 2000#. OK. 1 hr loaded 4" DP w/10# brine. 1/2 hr diff test T/liner, no flow back. 3-1/2 hrs TOH w/RTTS. 10-3/4 hrs TIH w/4" DCs & DP & lay down same. 1/4 hr TIH w/3-1/8" DCs & 2-7/8" DP. DMC: \$0 TMC: \$135,412 DWC: \$18,770 TWC: \$1,218,491.

Schalk Federal 33 COM No. 1
Eddy County, New Mexico
(81.25%)
13,000', Atoka/Morrow

8/2/83 TD 12,770'. Displ hole w/pkr fluid. 3 hrs finish running 2-7/8" DP & lay down same. 8 hrs ND BOP, change pipe rams, install tbg spool & pkg & tested spool. 9 hrs PU & ran 396 jts (12,323') 2-3/8" 4.70#, N-80 & J-55, CS Hyd & EUE mod tbg landed @ 12,339' (tbg landed 349' hi due to tbg splitting in slip area when setting on slips). 1 hr install mandrel in tbg hanger. 3 hrs displ mud from hole w/10# brine pkr fluid. DMC: \$0 TMC: \$135,412 DWC: \$25,629 TWC: \$1,244,120.

Schalk Federal 33 COM No. 1
Eddy County, New Mexico
(81.25%)
13,000', Atoka/Morrow

8/3/83 TD 12,770'. RDRT. 3/4 hr displ hole w/pkr fluid. 1 hr load mud on transports. 8 hrs clean & jet pits. Rig released at 4:45 P.M. Central time 8-2-83. 14-1/4 hrs RDRT. DMC: \$0 TMC: \$135,412 DWC: \$9,702 TWC: \$1,253,822.

Schalk Federal 33 COM No. 1
Eddy County, New Mexico

8/4/83 TD 12,770'. RDRT. DWC: \$0 TWC: \$1,253,822.

Schalk Federal 33 COM No. 1
Eddy County, New Mexico

8/5/83 TD 12,770'. RDRT. Plan to set rig off 8-6-83. TWC: \$1,253,822.

Schalk Federal 33 COM No. 1
Eddy County, New Mexico
(81.25%)
13,000', Atoka/Morrow

8/6/83 TD 12,770'. Prep to set rig off hole. TWC: \$1,253,822.
8/7/83 TD 12,770'. Set rig off hole & SD for Sunday. TWC: \$1,253,822.
8/8/83 TD 12,770'. Will clean loc & set anchors today. TWC: \$1,253,822.

Schalk Federal 33 COM No. 1
Eddy County, New Mexico
(81.25%)

8/9/83 TD 12,770'. Cleaned loc & set anchors. RU completion rig & installed BOP. DWC: \$4,500