



dugan production corp.

April 5, 1993

New Mexico Oil Conversation Division  
1000 Rio Brazos  
Aztec, N.M. 87410

Attention: Mr. Frank Chavez

Re: Reports, Blackrock Federal B No.1

Dear Mr. Chavez:

The attached reports cover the remedial work we discussed  
for Blackrock Federal B No.1, 1980' FSL & 660' FWL, 8-26N-11W.  
If you have questions, please call.

Sincerely,

John Alexander  
Operations Manager

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APR 7 1993

OIL CON. DIV.  
DIST. 3

4/8/93

08-30-82

# Blackrock FEO B#1

0800- 270' wash pipe is approx  
1900 270' wash pipe, seat nipple & Pent sub.  
400 Run up to source & set Baker  
1600 Model NL 5 1/2" Bridge Plug @ 4769'  
1600-1700 Run up to source  
1720 Pump 5 1/2" Plug w/ 80 bbls H<sub>2</sub>O  
1730 4 bbls @ 650# - don't circ. Breaker was  
730 Run in w/ wireline to tag Plug - tag Plug  
1800 @ 2800'  
300- Pump 150sx Class B near displ.  
1900 w/ 65 bbls H<sub>2</sub>O - 5 bbls min @ 700#  
1930 Pump 1/4 bbl - 700# wait 15 min  
Pump 1/4 bbl - 700#  
" 1/2 bbl - 600  
" 1/4 bbl - 500  
" 1/4 bbl - 500  
300 " 1/2 bbl - 500  
" 1/4 bbl - 500  
2330 Shut in for 15 min

08-31-82

600- T1H w/ 4 3/4" bit, sub & K line - approx 6' of cement  
1000 to drill  
1100 Run up Swab  
1130-1100 Drill out 6' cement  
1200 Press up Csa to 400# Leak off 200#  
10 min - Press up to 600# Leak off  
1300 300# 13 min  
1400-1400 Try to establish Rate - couldn't  
1400-1500 Run on Swivel T1H to 3500' to swab  
1500- Swab well has trouble getting in  
1530 w/ swab - took off One swab cup

08-31-82 (cont.)

1530- Swabbing well - Fluid Level 700'  
1700 Fluid level thick at 1000'  
200-1230 T.O.H. w/ 2 7/8" tbg, sub, & 4 3/4" Bit  
1830 nipple up 5 1/2" companion Flange  
~~1830~~ Wait on Cementing Int.  
1830-1900 Establish rate 3.5 BPM @ 750#  
1930 Pump 150 sx class B disp w/ 63 bbl H<sub>2</sub>O  
pump 1/4 bbl wait 15 min  
" 1/4 bbl 15 min  
" 1/2 bbl 18  
" 1/4 bbl 10 Tot H<sub>2</sub>O  
" 1/4 bbl 15 65 bbl  
2100 " 1/2 bbl 15  
Shut in Well - 700#  
left 66' cement in hole cement top  
2734'

09-01-82

900- T.I.H. w/ 4 3/4" Bit, sub, & 2 7/8" Tbg Tag cement  
0930 at 2796'  
1000-1200 Pick up Swivel prepare to drill  
Drill rubber plug & cement. Drilled 66.78'  
1300 cement to 2862.78  
Pres. up on tbg to 500# - leak off 300#  
in 15 min - try three times - 200# leak  
1430 off 20# in 15 min.  
430- T.I.H. to 4000' tagged cement @ 2950'  
1800 drill out cement to 3415 - prepare to T.O.H.  
20-1900 T.O.H. w/ 2 7/8" tbg & sub & Bit  
23- Establish Rate 2.5 bpm @ 850#  
Pump 100 sx Class B - displ. w/ 62 1/2 bbl H<sub>2</sub>O  
pump 1/2 bbl wait 15 min  
pump 1/2 bbl wait 15 min  
pump 1/4; pump 1/4 " " " Shut in For night

09-01-82 (Cont.)

181

00-1400 Shut in well w/ 800# - Tot. H<sub>2</sub>O 64 bbl.  
w/ 127 to 108' cm + 1000' above

2100 hrs cm + Top 2695'

09-02-82

0900-1000 T 1 1/4" w/ 4 3/4" Bit, sub. & 2 3/8" gas fac  
@ 2654' - Rig up Swivel to Drill

1000-1630 Drill cm + to 3505'

1630- T 1 1/4" to 4000' check for cm +

1730 Pres. cgl to 500# - Loss 2000# in 10 min.

1730- Rig up & swab 77 bbls

1<sup>st</sup> Run - 4000' - 23 bbl

2<sup>nd</sup> Run - 3000' Fl. Level 1000' = 11 bbl

3<sup>rd</sup> Run - 3000' Fl. Level 800' = 12 bbl

4<sup>th</sup> Run - 4000' Fl. Level 800' = 19 bbl

5<sup>th</sup> Run - 4000' Fl. Level 1000' = 17 bbl

2000 6<sup>th</sup> Run 4000' Fl. Level 1000' = 17 bbl

Shut in for 1 hour 93 bbl

09-03-82

0700 Swab well

1<sup>st</sup> Run - 4000' Fl. Level 400' = 21 bbls

2<sup>nd</sup> Run - 4000' Fl. Level 700' = 19 bbls

3330 3<sup>rd</sup> Run - 4000' Fl. Level 800' = 19

351-1050 T 1 1/4" w/ 2 3/8" Bit, sub. & 4 1/4" Bit

1000-1200 Pump 5 1/2 plus or less w/ 80 bbls H<sub>2</sub>O  
Rig pteer o 22. Pres. 8 bbls. Run in  
w/ sand line fac plus at 2310

09-03-82 (Cont.)

1300-1400 Enable 100 spk class Bonanza to spk  
w/ 71 bbls H<sub>2</sub>O 3 BPM @ 850#  
pump 1/4 bbl 750# wait 35 min  
pump 1/4 bbl 750# 25 min  
pump 1/4 bbl 750# 25 min  
pump 1/4 bbl 750# 25 min  
1530 pump 1/4 bbl 650#  
Shut in Well 650#

09-04-82

0830-0930 T1H w/ 4 3/4" Bit, sub, & 2 7/8" tba tbc cmr  
000- 2790' drill to 2974' TEST to 500# loss  
120# in 5 min. - drill cmr  
to 3026' pres. TEST to 500#  
1400 drill to 30600  
00-1500 TOH w/ 2 7/8" tba sub, & Bit  
00-1600 T1H w/ Pkn to 2200' pres. backside  
loss 150# 5 min same tba  
TOH to 1900' loss same  
Shut in for weekend

09-07-82

730-800 T1H to 2230' pres. backside to  
500# loss 100# 5 min press tba loss  
140# in 5 min  
30-0930 TOH w/ 2 7/8" tba & Pkn.  
130- T1H w/ 4 3/4" Bit, sub, & 2 7/8" tba tbc cmr at 3060  
Drill to 3249' out of cmr TEST to 500#  
1430 Leak off 180# 5 min  
130-1530 T1H to 4765'  
30-1600 Rig up to Swab well



21<sup>st</sup> Run - 4400' - 1120' H<sub>2</sub>O  
 22<sup>nd</sup> Run - 4400' - 1120' H<sub>2</sub>O  
 23<sup>rd</sup> Run - 4400' - 1120' H<sub>2</sub>O  
 1530 24<sup>th</sup> Run - 4400' - 1120' H<sub>2</sub>O  
 1530- Lose hole w/ 70 bbls H<sub>2</sub>O  
 pres. test to 500# break off 250'  
 1630 Take into well bone @ 450#  
 1630-1800 T.O.H. w/ 2 7/8" tba, sub, & 4 3/4" Bit  
 1800- Run up Cementing Line  
 Cont w/ 100 sp class B near  
 displ. w/ 78 bbls H<sub>2</sub>O - 20' from  
 out Bracon head into to clear  
 Dutchman in valve - 4 hrs  
 2000 with 700# on CSG

09-09-82

0700- T.O.H. w/ 4 3/4" Bit, sub, & 2 7/8" tba & 4 3/4" Bit  
 @ 2085.66 - Pres. up in well bone take in  
 @ 500# - open Bracon head resume running  
 0900 into well  
 1000-1000 Pull cmr from 2085' to 2116'<sup>15</sup>  
 1000-1030 Circ. Bracon head w/ 12 BBLs H<sub>2</sub>O  
 1030-1130 T.O.H. w/ 2 7/8" tba, sub, & 4 3/4" Bit  
 1130- Pump top Rubber plug on CSG. w/ 50 BBLs  
 1300 H<sub>2</sub>O - chase plug w/ sawline - hole at 1617'  
 1300-1500 Wait on Cementers  
 1500- Cont w/ 250 sp class B near displ. w/  
 37.5 bbls H<sub>2</sub>O - Had full cmr out  
 1630 + have one sub - no cmr  
 Shut in well

# BRADLEY HILL

09-11-82

- 1100 Run 2 Jts to 1730 -
- 130- T/H to 2116' - DRUG CMT. - Loss approx 26 bbl
- 1330 H<sub>2</sub>O @ 2179' try to pump into well
- 1330-1430 Change out pit saw & hose
- 1430 Stabilize well
- 1<sup>st</sup> Run 2179' Fl Level - 1000'
- 2<sup>nd</sup> Run 2179' Fl Level - 1000'
- 3<sup>rd</sup> Run 2179' Fl Level - 1000'
- 4<sup>th</sup> Run 2179' Fl Level - 1000'
- 5<sup>th</sup> Run 2179' Fl Level - 1000'
- 6<sup>th</sup> Run 2179' Fl Level - 1200' = 5.6 bbl
- 1630 7<sup>th</sup> Run 2179' Fl Level - 1500' = 4 bbls
- 1700 Rig up to Drill
- 1700-1830 Drill 2179-2305' - Shut in For Night

09-11-82 - Raining like hell!

- 1730- DRUG CMT From 2305-2715 out 28 bbl
- 1400 Try to Pump into well bore - pres up thru hole
- 1700 T/H to 2780' DRUG CMT - Loss approx 26 bbl
- 1700 T/H to 2907' DRUG CMT - Loss approx 26 bbl
- 1730 Drill to 3159'
- 1730-1800 Rig on Stryel
- 1730-1830 T/H to 4008'
- Shut well in For Night

09-13

8000

1<sup>st</sup> Run - 4000' F/Level - 2000' = 10 bbls  
2<sup>nd</sup> Run - 4000' F/Level - 2200' = 10 bbls  
3<sup>rd</sup> Run - 4000' F/Level - 2500' = 8 bbls  
4<sup>th</sup> Run - 4000' F/Level - 2700' = 7 bbls  
5<sup>th</sup> Run - 4000' F/Level - 2800' = 6 bbls

1200-1300

900-1400

TOH to 1619 Pres up to 500#  
9TH to 1745 Pres up 500# Leak off 200#

1500-1630

TOH w/ PKR & 2 7/8" + b/c

1630-

Cmt w/ 150 st B wear w/ 2 1/2" CAL disp!  
w/ 39.5 bbls H<sub>2</sub>O - 2 1/2 BPM @ 800#  
1/4 wait 15 min - 700#  
1/4 " " " - 600#  
1/2 " " " - 550#  
Shut in for night

09-14-82

small amount pres on well this morning

1300-

T1H w/ 4 3/4" Bit, sub, & 2 7/8" + b/c. TAG Cmt

1550 - 1613' pres 500#

500# helook - 1550 - 1613' pres 500#

helook - 1613 - 1676' pres 500# helook ok

1676 - 1739' pres 500# leak 100#

1739 - 1802' pres 500# leak 100#

1802 - 1832'

1400-1500

TOH w/ PKR & 2 7/8" + b/c

09-15-82

1700-1800  
1800-1900  
1900-2000  
2000-2100  
2100-2200  
2200-2300  
2300-2400  
2400-2500  
2500-2600  
2600-2700  
2700-2800  
2800-2900  
2900-3000

1730-1830

09-15-82

0800-1000 Dredg cmt @ 1833<sup>ss</sup> 1928'  
1000-1130 L.O. 10 ITS RUN IN HOLE 6 STDS - WORK ON SWIVEL  
1130-1730 Dredg cmt @ 1928' - 2243'  
1730-1830 R.D. SWIVEL - L.O. 12 ITS - T/H w/ 6 STDS  
Shut in for night - 79 sf cmt pulled out 71 sf left.

09-16-82

RUNNING 5 FT 1500# TORQUE PRESS 30 mins/T/H  
1830- Dredg cmt @ 2243 - 2621 - 2558' cmt  
1530- CARRIED OVER 15 mins/ft  
1530-1700  
1700-1730 Dredg @ 2621 - 2631 one sf cmt on 1/2 in ton  
1730-1800  
1800-1900  
1900-2000  
2000-2100  
2100-2200  
2200-2300  
2300-2400  
2400-2500  
2500-2600  
2600-2700  
2700-2800  
2800-2900  
2900-3000

09-12

3800-

1900-

5000-

1000-

1130-

250-

Drill hole 5307  
has not making any hole  
in the bottom of the core

1500-

1500-

1600-

1700-

09-13-82

1350-

T/H w/ 5 1/2 moon R Pka & 2 7/8 tba.

1000 Keno Pka @ 4996'

1200-1300

Rta up Snab well on to 3500'

1300-1500

Rta on Service Unit

500-

R.H. Snabbing down Snab well on

1700

to 5000' - Shw. in For 2 weeks

5426-48 606 Pka 173.74

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4000-4000

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