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November 24, 1998

VIA HAND-DELIVERY

Lori Wrotenbery, Chairman
Oil Conservation Commission
2040 South Pacheco Street
Santa Fe, New Mexico 87505

OIL CONSERVATION COM.
98 NOV 24 AM 10:02

Re: **Case 12003 (De Novo)** Application of Manzano Oil Corporation for special
pool rules, Lea County, New Mexico

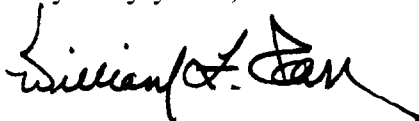
Dear Ms. Wrotenbery:

As you will recall, at the November 19, 1998 Commission hearing on the above referenced application, Donnie Brown, Manzano's engineering witness, identified the Scharb interval in the Exxon Charles S. Alves Well No. 3 as a typical producing well from the Scharb Bone Spring interval. Commission members inquired if this well was completed in the same Scharb interval as the wells shown by Mike Brown, Manzano's geologist, in his Bone Spring Cross Section. Pursuant to the Commission's request, I enclose the relevant portion of the Neutron Porosity Log of the Alves Well No. 3 which has been shaded to show the Scharb pay interval and a scout ticket on this well. Both demonstrate that these pay zones are the same Scharb interval.

Manzano was also asked to provide DST information on its Appleseed Federal Well No. 1. Enclosed are a scout ticket and other information on the this well (formerly the Jake L. Hamon Northeast Lynch Unit Well No. 1) which contain the requested DST information.

If you need additional information from Manzano concerning this application, please advise.

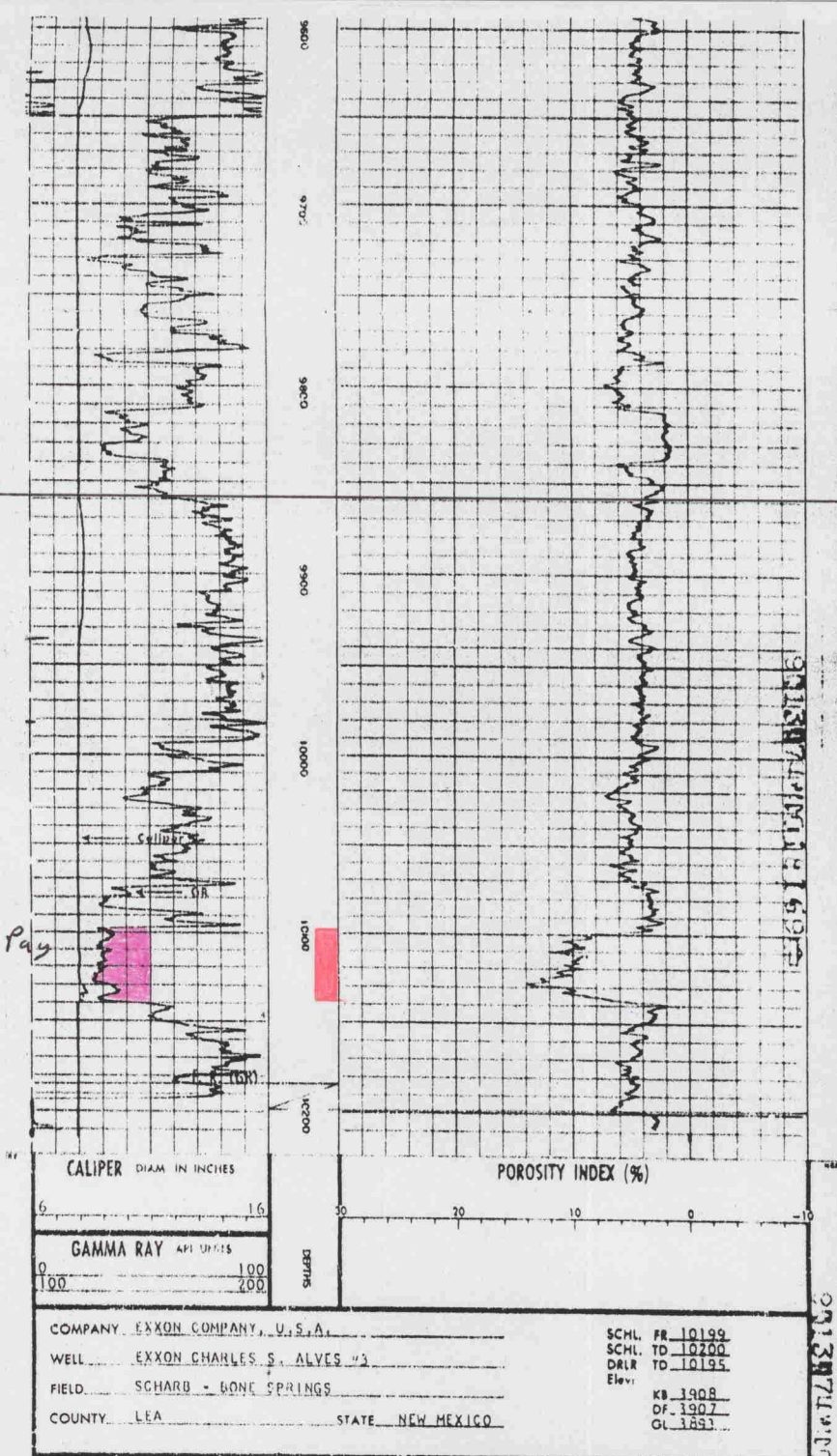
Very truly yours,



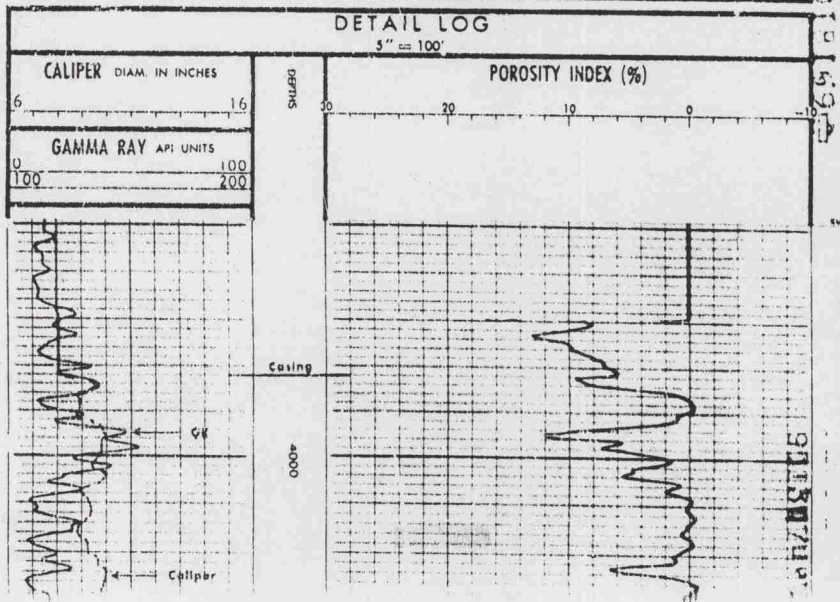
WILLIAM F. CARR
Attorney for Manzano Oil Corporation
cc: Jami Bailey (w/enc.)
William J. LeMay (w/enc.)

T/2nd BS
Sand

Scharb Pay
Interval



Perts 10,098-138
Scharb Pay Interval
Porosity 10%
Pay 40'



 WENDELL'S CORPORATION 4 Subsidiaries of GE Storage Company

COUNTY	LEA	FIELD	Scharb	STATE	NM
OPR	EXXON CORP.			API	30-025-24813
NO.	3	LEASE	Alves, Charles S. Sec 7, T-19-S, R-35-E, <u>646' FNL, 1964'</u> FWL of Sec 18½ mi W/Hobbs	SERIAL	
				MAP	
				CO-ORD	[REDACTED]
			CLASS D-DO	ELEV	[REDACTED] & S
SPD	8-8-74	CMP	9-29-74	FORMATION	DATUM
CSG				FORMATION	DATUM
11 3/4" at 435' w/350 sx					
8 5/8" at 3980' w/2000 sx					
5 1/2" at 10,193' w/850 sx					
TD 10,195' (BSPG)				PBD	10,154'

Scharb Pay
Interval

IP (Bone Spring) Perfs 10,098-138' P 102 BOPD + 5 BW. Pot based
on 24 hr test. GOR 324; Grav 37

CONTR	OPRS ELEV 3906' DF	PD 10.200'	TYPE RT
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LEA
EXXON CORP.

Scharb NM
3 Alves, Charles S. Page #2
Sec 7, T19S, R35E

9-30-74 TD 10,195'; PBD 10,154'; TO Pmp
Ppd 44 BO + 100 BLW in 24 hrs (10,098-138')

10-7-74 TD 10,195'; PBD 10,154'; TO Pmp

10-14-74 TD 10,195'; PBD 10,154'; TO Pmp
Acid (10,098-138') 2000 gals
Ppd 108 BO + 5 BLW in 24 hrs (10,098-138')

10-21-74 TD 10,195'; PBD 10,154'; COMPLETE
LOG TOPS: Seven Rivers 3910', Queen
4650', San Andres 5204', Bone Spring
7920', First Bone Spring Sand 9406',
Bone Spring Pay 10,097'

10-26-74 COMPLETION REPORTED

F.R. 8-5-74
(Bone Spring)
8-5-74 AMEND LOCATION: Formerly reported as 646' FNL,
1964' FEL of Sec
8-12-74 Drlg 2527'
8-19-74 Drlg 5090'
8-26-74 Drlg 8014'
9-3-74 Drlg 9623'
9-9-74 TD 10,195'; WOC
9-16-74 TD 10,195'; MORT
9-23-74 TD 10,195'; PBD 10,154'; SD Weather
Perf 10,098-138' w/1 SPF
Acid (10,098-138') 8000 gals

LEA

POOL-WILDCAT

STATE - N.M. KROENLEIN 1953-

COMPANY Jake L. Hamon - #1 - Northeast Lynch Unit-
Federal ELEV. 3721 DF
1980' FNL & 660' FEL
Sec. 17, T.20-S, R.35-E
15,000' RT-Dev.

STIMULATION	CASING	TOPE
Perf: 13659- 13774	13 3/8- 894- 565 9 5/8- 5498- 500 7 - 14151- 565	Anhy. 1945 B.Sprg 8310 W.C. 11345 Strm 12415 Bend 12635 Miss 14125 Woodf 14775 Dev. 14958
12-26-62	Comp. 6-14-63	
CAOF 3,850,000 CFGPD		
GOR - TP CP		TP 13,659 TD 15,040 PBD 13,980
ARR: DST 9335-9445 op. 3 hrs., rec. 0' GCM & 270' GC& salty sul. wtr. at mud; 300' muddy gas cut		
CONT'D. PAGE 2.		
136 59-75 714-30 266-74		4590

LEA, N.M. 17-20-35 K-1953-
PAGE 3.
Jake L. Hamon - #1 - Northeast Lynch Unit-Federal
DST 13693-839 pkr fail; rec. 3000' GCWB & 740'
GCM.
DST 13674-839 op. 49 mins., 4000' WB, WB in 37
mins., rec. 90' GC dist. & 360' GCW; 450'
GC dist. & wtr.; 1640' GCM; FP 2088-3007;
ISIP 7479/30"; FSIP 7468/2-hrs. 42 mins.
DST 14760-985 op. 1 hr. 45 mins., rec. 2000' GCWB
& 180' GCM; FP 1105-1154; no ISIP; FSIP 1202/
30".
DST 14985-15035 op. 1 hr. rec. 2000' GCWB with
trace of oil & 30' GCM; FP 929-988; ISIP 6325/
30"; FSIP 6325/30".
DST 15025-15040 op. 4 hrs., rec. 2000' GCWB &
12,100' GC salty sul. wtr.; FP 1222-6305;
ISIP 6305/30"; FSIP 6305/30".
Perf: 32/13714-730, 16/13766-774
CONT'D. PAGE 4.

38
6
6
26
22
11
6
43
2

Super Penn Field

35' - 9.16 are for.

Net

Prod Gas Oil
1963
11277-1421
9683-1592
92,745-10,419
60,961-7098
54060-5184
58697-2211

9
4
2
2
2
6
2
2

ILLEGIBLE

ILLEGIBLE

LEA, N.M. 17-20-35
Jake L. Hamon - #1 - Northeast Lynch Unit-Federal

K-1953-
PAGE 2.

salty sul. wtr.; FP 74-330; ISIP 3764/30";
FSIP 3306/30".
DST 9590-9705 op. 1 hr. 10 mins., rec. 125' SGCM,
FP 158-185; ISIP 361/30"; FSIP 374/40".
DST 10245-360 op. 30 mins., rec. 125' drlg. mud;
FP 74-101; FSIP 235/30".
DST 10240-487 op. 3 hrs., rec. 840' hvy. G&SOCM
& 1/2 gal. muddy SW; FP 219-598; ISIP 4644/
30"; FSIP 4391/30".
DST 13140-396 pkr fail
DST 13282-416 op. 2 hrs. 50 mins., pkr failed,
rec. 2000' hvy. GCWB, 4150' HGCM & 3950' drlg
mud; FP 1115-1272; ISIP 5733/30";
DST 13425-500 op. 2 hrs. 35 mins., 2500' WB; rec.
WB & 5590' SGCSW; FP 1291-3650; ISIP none;
FSIP 7030/30". CONT'D. PAGE 3.

Scharb Pay
DST →

LEA, N.M. 17-20-35
Jake L. Hamon - #1 - Northeast Lynch Unit-Federal

K-1953-
PAGE 4.

DST 13690-14080 op. 8 hrs., flow to pits 2 hrs.,
F. 943 MCFG & 9.38 bbls. cond./2 hrs.,
20/64" ch.; TP 625#; F. 785,000 CFG & 8.95
bbls. cond./2 hrs., 1/4" ch.; TP 880#; F.
493,000 CFG & 8.40 bbls. cond./2 hrs., 12/64"
ch.; TP 1300#; pkr/13,690', 1000 MA
BP/13,702'
Perf: 36/13659-675, (Bend).
DST 13659-675 op. 14 hrs., 3000' WB, gas in 1 hr.
42 mins., WB in 6 hrs., 15 mins.; F. to pits
6 hrs., F. 192.2 MCFG/1 hr.; rev. out 4 bbls.
WB & 2 bbls. dist. & GCM; FP 1568-1378;
FSIP 7362/3 hrs.; pull BP & DO/13,980'; 1000
gal. acid.

ILLEGIBLE

16-43094-2 U. S. GOVERNMENT PRINTING OFFICE

HISTORY OF OIL OR GAS WELL

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or balling.

DST #1-9335-9445 Op 3', Rec. 60' GCM, 270' GC & SWCM, 300' Muddy GC Salty Sul Wtr.
FP 74-330, ISI 3764/30" FSI 3306/30"

DST #2-9590-9705, OP 1'10" Rec 125' Sli GCM, FP 158-185 ISI 361/30" FSL 374/40"

DST #3-10245-360 Op 30" Rec 125' Mud FP 74-101 ISI (not reported) FSI 235/30

DST #4-10240-487 Op 3' Rec 840" HG & SOCM + 1/2 gal SW FP 219-598 ISI 4644/30"
FSI 4391/30"

DST #5-13215-396 Pkr failed, had some GIDP, 592' GCM

DST #6-13140-396 Pkrs. failed 3 times, No test Rec 1012' Sli GCM

DST #7-13282-416 Pkr failed after 2' 50", GTS 45" @ 620 MCFPD Rec 2000' HGWC, 4150' HGCM
2950' M (No tr of Dis, oil or SW) FP 1115-1272, ISI 5733/30" Still bldg.

DST #8-13425-500. Op 2'35", fair blow Rec 2500 SGWC, 5590' SGCSW IF 1291, FP 3650,
SIP 7030/30"

DST #9-13693-839 Pkr failed Rec 3000' GCWS, 740 GCM

DST #10-13674-839 OP 49" Wtr Cus to sur 37" top hole press. 1200#/23" (after tool SI)
Rec 90' Dark green M&G Dist. 450' Straw colored Dist. FP 2088-3007, FSI
7468/2' 42" ISI 7449/30"

DST #11-14760-985 Op 1'45" Rec 2000' GCWC + 180' GCM FP 1105-1154 FSI 1202/30"

DST #12-14985-15035 Op 1' Rec 2000' GCWC w/tr Oil in top 30' 1/4 GCM FP 929-988
ISI 6325/30" FSI 6325/30"

DST #13-15025-040 Op 4' (good Fair blow) Rec 2000' GCWC + 12,100" GC Salty Sul
wtr. FP 1222- 6305, ISI 635/30" FSI 6305/30"

FORMATION TOPS

8305 Bone Spring
11012 Basil Lennard
11343 Wolfcamp
12164 Canyon
12415 Strawn
12602 Bend
13960 Barnett
14125 L. Miss.
14779 Woodford
14958 Devonian